

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
SPECIAL MEETING
AGENDA**



**Saturday, February 28, 2015
9:00 a.m.**

- A. CALL TO ORDER** at _____ **P.M.**
- B. PLEDGE OF ALLEGIANCE TO THE FLAG**
- C. ROLL CALL:** Kay Arnold _____, Nancy Conzelman _____, Chuck Curmi _____,
Bob Doroshewitz _____, Ron Edwards _____, Mike Kelly _____,
Richard Reaume _____
- D. APPROVAL OF AGENDA**
Special Meeting – February 28, 2015
- E. APPROVAL OF MINUTES**

Regular Meeting – Tuesday, February 10, 2015
- F. PUBLIC COMMENTS AND QUESTIONS**
- G. WORK SESSION**
 - 1) State of the Township
 - 2) Communication Service Agreement with Plymouth City
 - 3) Fire Service Agreement with Plymouth City – Dissolution and Legacy Costs
- H. ADJOURNMENT**

PLEASE TAKE NOTE: The Charter Township of Plymouth will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at all Township Meetings, to individuals with disabilities at the Meetings/Hearings upon two weeks notice to the Charter Township of Plymouth by writing or calling the following: Human Resource Office, 9955 N Haggerty Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800-649-3777 (Michigan Relay Services)

THE PUBLIC IS INVITED AND ENCOURAGED TO ATTEND ALL MEETINGS OF THE BOARD OF TRUSTEES

CHARTER TOWNSHIP OF PLYMOUTH

Major Projects

By Department

For 2015

Police Department

In-Car replacement - radios & computers
10 year old equipment being replaces

HVAC Reengineering: Jail Cells and 911 Dispatch Center
Extreme winter cold is transferred through solid block
walls into jail cells

Solution – Separate HVAC systems and thermostats
HVAC system for jail cells
HVAC system for 911 Dispatch area

Police Lobby

Police Chief has requested evaluation regarding
increased security in this area

Police Vehicles – two (2) new vehicles

Fire Department

Ambulances – two (2) new F-550 ambulances

SCBA – 10 year air bottle replacement due Nov 2015

Firefighter protective turn-out gear

Fire Station #3 – front apron concrete
reconstruction/replacement

Information Services

Computer and server replacement/upgrades

Township web site

RFP to modernize including mobility access

Accounting / General Ledger & Accounts Payable / Taxes / Water Billing

Administrative / Accounting Software Upgrade

Replace AS/400 I-5 ASI software
with a PC based solution

New World Systems, Troy, MI

BS&A Software, Lansing, MI

Tyler Technologies Fund Balance, Ann Arbor, MI

Potem Software, Eaton Rapids, MI

DPS Department of Public Services – Water & Sewer

Lake Pointe Water Tower

Sandblasted and painted 20 years ago
exterior requires overcoat (good for 15 years)

Beck Road – water main relocation

Beck Road reconstruction / widening project
requires relocating a major water main on
the east side of Beck Rd
from Ann Arbor Rd south toward Stonecrest
older and problematic section of water main

Water main replacements –

oldest and most problematic sections

Ann Arbor Rd – Canton Center to Beck Rd

Five Mile – Sheldon to the water tower

Joy Road – east of Sheldon

Sheldon Rd – Ann Arbor

Sewer line – Sheldon Rd

From Tonquish Creek to Ann Arbor Rd

DPS Department of Public Services – Other Areas

Wayne County Local Roads Initiative \$750,000 & SAD's

Solid Waste/Compost/Recycling

contract expires Sept 2015

RFP for new five year contract

Potential for trash & recycling carts

Sidewalk Gap Program

Install new sidewalks where existing gaps exist

Primary locations –

Napier Rd/Powell Rd/Ann Arbor Tr/Ann Arbor Rd

Engineering Standards

Complete review and rewrite

DPS – Parks and Recreation

Township Park

- New Park Pavilion

- Upper parking lot reconstruction

- Shelter #2 – restroom upgrades

- Pathways – cracking and alligator sections
repairs/replacement/overlay

- Original Pavilion –

 - leaking roof replacement

- Existing Pavilion lot –

 - Planned additional parking spaces

 - Required complete reconstruction

- Sprayscape – pad replacement

- Main Park Road – repairs / replacement

Lake Pointe Soccer Park

- Pathway repairs

- Soccer Field drainage – horizontal vs vertical solution

Hilltop Golf Course

- Cart path repairs / replacement / overlay

Township Attorney

Comcast vs Plymouth Township – PEG fees

323 Acres Court Action

FOIA new law – update township policy

Labor Attorney

POAM Police Officers

collective bargaining agreement expired Dec 31, 2014

COAM Command Officers

collective bargaining agreement expired Dec 31, 2014

Teamsters DPW Technicians

agreement expiring Dec 31, 2015

TPOAM Clerical Union

agreement expiring Dec 31, 2015

Board of Trustees

Police and Fire Millage Renewal

Township Hall roof issue - repaint vs replace
\$127,000 toward roof repairs / replacement

Township Hall parking lot – repairs / reconstruction

Township Hall main lobby entry
Bollard repair / replacement
Stamped concrete repair / replacement

City of Plymouth IGA Agreements

911 Dispatch Communications Center
last three years past due amounts
2015 monthly invoices

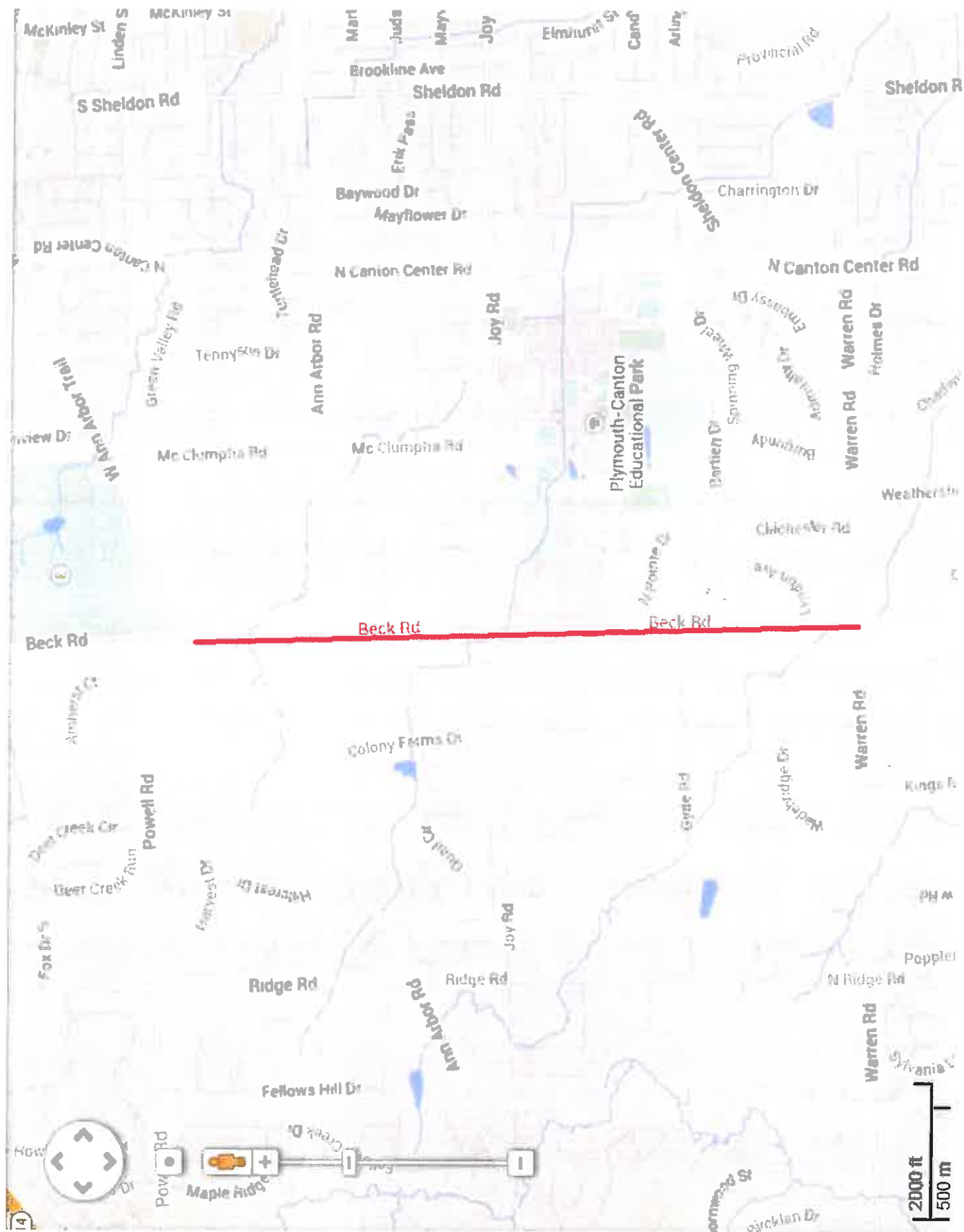
Terminated Fire Services Agreement
Equipment distribution
Equipment book value purchase
Equipment reserve
OPEB Health Care legacy costs
MERS DB Plan legacy costs
2008 – 20011 past due amounts

Wayne County Township Roads Initiative
\$750,000 per year, two years

Accounting Department
Organizational structure

Senior Bus Replacement - \$57,000
Wilcox Foundation - 50% contribution
Plymouth Community United Way – 30% contribution
Plymouth Township – 10% contribution
Plymouth City – 10% contribution









COMMUNICATIONS SERVICES AGREEMENT

**ORIGINAL SIGNED
DOCUMENT**

**Intergovernmental Communications Services Agreement
Between**

**The City of Plymouth
and**

The Charter Township of Plymouth

This agreement entered into this 14th day of September, 1999, by and between:

The Charter Township of Plymouth, 42350 E. Ann Arbor Road,
Plymouth, Michigan, 48170, a municipal corporation, herein
after referred to as "the Township"; and

The City of Plymouth, 201 S. Main Street, Plymouth, Michigan,
48170, a municipal corporation, hereinafter referred to as "the
City".

WHEREAS, the Township and the City have each been providing emergency
dispatch and communications services in conjunction with public safety; and

WHEREAS, the Township and the City have determined that these services can be
provided more effectively and at less cost if done through a consolidated service; and

WHEREAS, Public Act 8 of the Public Acts of 1967, extra session, as amended,
provides the Township and City with the Authority to enter into this intergovernmental
agreement;

NOW THEREFORE, the Township and the City hereby agree as follows:

1. **General Agreement.** The Township and City agree to provide communications
services in accordance with the terms and conditions of this agreement, and both
agree to receive these services from the Plymouth Community Communications
Center established by this agreement.
2. **Definitions.** For the purposes of this agreement, the terms in this section
shall be defined as follows:
 - a) "City", "City Commission", "Mayor" and "City Manager" shall mean the City of
Plymouth, its City Commission, its Mayor and its City Manager, respectively.
 - b) "Contract Year" and "Fiscal Year" shall both mean a twelve-month period
during which Communications services are to be rendered to each
municipality, commencing on January 1.
 - c) "Municipality" shall mean either the City or the Township, and when plural it
shall mean both the City and the Township.

- d) "Plymouth Community Communications Center", "PCCC" "Communications Center" and "Center" shall mean the intergovernmental communications services center established by this agreement.
 - e) "Township", "Township Board" and "Township Supervisor" shall mean the Charter Township of Plymouth, its Board of Trustees and its Supervisor, respectively.
3. Level of Services. The "PCCC" shall provide the City and the Township with communication services which will include duties related to dispatch, lock up and administrative duties.
- a) Dispatch service shall include, but be not limited to:
 - i) Answering incoming phone calls of a general administrative nature; and
 - ii) Answering incoming 911 calls for service and forward information to the appropriate jurisdiction/department, i.e., Police, Fire, EMS, etc.; and
 - iii) Answering Direct Phones established between major City/Township government offices, State Facilities and Private businesses and provide services as requested; and
 - iv) Providing LEIN and NCIC Services to Administrative Personnel, Investigators and Patrol Officers as required and/or requested and authorized by department policy; and
 - v) Dispatching and continually monitoring the following Units as required by Calls for Service: Police, Fire, EMS and DPW; and
 - vi) Operating installed radio equipment and including dispatching and receiving calls, monitoring officer (police/fire/safety), monitoring adjacent public safety agencies for activity that might effect the City/Township, operate emergency notification systems, i.e., sirens, pagers, alert tones, etc., maintain and utilize MEPS and intercity radio systems to coordinate activity involving more than one jurisdiction; and
 - vii) Operating internal monitoring systems to ensure officer and prisoner safety and welfare; and
 - viii) Operating installed computer equipment including computer aided dispatch, enter/retrieve records related information, run computer generated reports as required by the shift assignments, access LEIN and NCIC computers; and

- ix) Using and monitoring the installed Mobile Data Terminal Equipment to maintain administrative/confidential contact with patrol units; and
 - x) Providing paging services to all governmental entities as required or requested.
- b) Lock-Up service shall include, but be not limited to:
- i) Monitoring lock-up facilities and reporting all suspect activity to proper supervision; Ensuring the care and safety of the prisoners taken into custody by the department; Processing prisoners and completing the booking records; distributing prisoner records internally, and submitting prisoner records to outside criminal justice agencies. Lock-up Police Service Aides also act as resource persons for the Detective Bureau, Law Department and Police Administration through their knowledge of Departmental prisoner reports and their operations of law enforcement computer information systems; and
 - ii) Providing liaison services between all Public Safety Departments and the County, State and Private Utility Services; and
 - iii) Writing reports relative to incidents occurring in lock-up and administering breathalyzer tests; and
 - iv) Maintaining a liaison with the court and assisting with the video arraignment of prisoners; and
 - v) Maintaining and filing reports and the documentation of all prisoner activity in the lock-up facility; and
 - vi) Operating video/audio recording equipment when required during booking and processing of prisoners.
- c) Administrative service shall include, but be not limited to:
- i) Testifying in court, at deposition or at any required administrative hearing; and
 - ii) Assisting citizens who come into the police station; and
 - iii) Maintaining supplies; and
 - iv) Fingerprinting citizens for administrative purposes; and
 - v) Maintaining and monitoring, by logbook, the dissemination of facilities keys to City/Township personnel and citizens; and

- vi) Releasing abandoned or impounded vehicles; and
- vii) Providing non-criminal administrative activities such as: serving at the police desk, maintaining business files, performing other administrative tasks as required by the Communications/Records Supervisor within the guidelines of existing contract.

The Township reserves the right to regulate the number of hours that will be dedicated to each task in the list above with the exception of emergency work.

4. **Insignia and Designation.** The designation "Plymouth Community Communications Center " or "PCCC" shall be used in all references to the Center. It shall be affixed to all buildings and equipment where customary and practical, in lieu of any other designation; it shall be used on all official correspondence, notices and other documents of the Center and it shall be used in telephone and other directories where appropriate, including under the general listings of both the City and the Township. The conversion of insignia on existing equipment and buildings shall be made in accordance with the budget appropriations provided for that purpose.
5. **Administrative and Financial Responsibility.** The Center shall be administered by the Township in accordance with this agreement, and specifically as follows:
 - a) **Budget Approval:** The Township shall submit annual budgets to the City for review and comment; however, subject to paragraphs g, h, i and j the Township shall have the sole authority to adopt the annual Communications Center budget, in a form that is consistent with the provisions of this agreement, and taking due note of the other community's comments.
 - b) **Projected Budget:** The ten (10) year projected budget for the Plymouth Community Communications Center is attached hereto as Appendix A and made a part hereof. Provided the actual costs in any given year do not differ by more than five percent (5%) from the figures projected in the attached Appendix A, the City shall be obligated to and hereby agrees to remit its share in accordance with paragraph 7 regardless of any dispute as to any amount in excess of the five percent (5%) difference as described in paragraph (h) below.
 - c) **Financial Records:** the Township shall maintain a complete set of accounting records for the center in sufficient detail to meet the provisions of this agreement and the interests of the City and the Township. These records shall be open to inspection by the parties at any time during regular business hours upon three (3) days notice. The Center accounting records shall be subject to an annual public audit.

- d) **Personnel Administration and Union Contracts:** All personnel in the Communications Center shall be employees of the Township, and shall be subject to personnel regulations and union contracts. The City shall be permitted to appoint one representative to the union contract negotiating committee, who shall serve in an advisory capacity and be invited to attend all strategy and negotiating sessions with the committee alone, and with the Union and/or the administration.
- e) **Center Documents:** The municipalities shall exchange copies of all reports, correspondence and other documents which each community produces regarding the Communications Center. The recipient of these documents shall treat them in the same manner that the provider treats them. Documents which are confidential shall be marked as such, and shall be treated in accordance with the provider's instructions: provided, that such documents which are distributed to the Township Board by the Township Supervisor shall also be distributed to the City Commission.
- f) **Payments for Service:** The City shall pay its annual estimated cost for the Communications Center services in twelve (12) equal monthly payments, based on the cost sharing formula provided in this agreement. Payments shall be due on or before the fifteenth (15th) day of each month. The billing community may add a service charge of one percent (1%) on the first day of each month to any balance that is in arrears.
- g) **Final Statement:** Immediately following the completion of the annual audit, the Township shall submit a final statement to the City regarding the total costs for the Communications Center for the year being audited. The statement shall include a copy of the audit, a detailed revenue and expense report if not provided by the audit, a detailed statement concerning the current equipment equity if not provided by the audit, a summary of the amounts owed and paid by the City for the year being audited, and the balance payment or refund due. The amount payable or refundable shall be netted with the next month's payment.
- h) **Budget Correction:** If there is a difference of more than five percent (5%) between the projected budget (Appendix A) and actual costs incurred, a request may be forwarded by the Township to the City for the payment of the City's share of any amount in excess of the five percent (5%) difference between the actual costs and the projected budget for that calendar year. Sufficient information shall be provided by the Township to enable the City to evaluate the request and to make a determination as to its reasonableness. Within forty-five (45) days of the receipt by the City of the request for approval and payment of the amount in excess of the five percent (5%) difference between the projected budget and the actual costs the City shall approve or disapprove the request. Failure of the City to act on a request within forty-five (45) days shall be deemed a disapproval unless a longer

period is agreed to by the Township which time extension shall not be unreasonably withheld. Upon first disapproval of the request by the City a second request may be submitted by the Township to the City. Upon a second disapproval of the request the matter shall be submitted to binding mediation as provided in subparagraph (i).

- i) **Mediation:** The only dispute resolution applicable to the issue described in paragraph (h) above shall be binding mediation. Each party (the Township and the City) shall select one mediator. The parties jointly shall select a third (neutral) mediator. A brief summary of the pertinent facts as well as any necessary backup material shall be supplied to the three mediators and the opposing party at least five (5) days before the matter is to be heard by the mediators. Only at the mediators request shall statements be made. Oaths shall not be administered. The hearing shall be set at the discretion of the mediators. The basis for the decision of the mediators shall be whether the amount in excess of the five percent (5%) difference is or was "reasonable to effectuate the standard of service described in this agreement". Paragraph 9 shall not apply to the difference described in subparagraph (h) or this resolution mechanism described in this subparagraph (i). The City and the Township hereby agree that absent fraud, duress or coercion a final majority decision of the mediators is binding and enforceable in a court of competent jurisdiction.
- j) **Act 312, Legislation or Court Order:** Should the amounts in the projected budget (Appendix A) differ from actual costs as a result of binding arbitration under Public Act 312 of the Public Acts of 1969, a valid and enforceable court order or legislation the net effect of which is to increase the cost of operation of the Plymouth Community Communications Department, then both communities shall be bound by those higher costs and subparagraph "h" above shall not apply.
- k) **Health Care Costs:** The parties recognize that medical benefits/health care costs are likely to increase and will be the subject of negotiation or re-negotiation from time to time over the period of this agreement. Such negotiations or re-negotiations with health care providers may result in benefits that are the same or substantially corresponding to current benefits. The parties also recognize that the cost for these medical benefits/health care costs or substantially corresponding benefits are difficult to predict within a reasonable degree of certainty over the tenure of this contract.
- l) **Budget Look Back:** Every three (3) years the projected budgets (Appendix A) will be adjusted to reflect expenses that have been or will be incurred pursuant to Section 5, paragraph (j). The projected budget will also be adjusted to reflect changes that have been approved by the City and the Township during the annual budget process, or changes that have been approved through the mediation process.

6. **Ordinances, Codes and Enforcement.** It is the intent of the City and the Township that the Communications Center should operate under a single set of ordinances, codes and policies, and should have the same legal authority in both jurisdictions, to the greatest extent possible, on the basis that it is in the best interests of both communities and their respective citizens that this be done. Therefore, the City and the Township agree to make every effort to maintain identical ordinances and regulations related to the Communications Center to the greatest extent possible which is consistent with each jurisdiction's needs to provide for the health, safety and welfare of its citizens.
7. **Basis for Sharing Costs.** (Communications Center). It is the intent of the Township and the City that the costs of the Plymouth Community Communications Center be shared on an equitable basis that represents the amount of the benefit derived by each party from those services, and which results in both parties receiving an equitable share of the benefits from improved services and reduced costs. To the end, it is agreed that the cost of the Communication Center shall be shared as follows:
- a) The Plymouth Community Communications Center's annual budget and actual results shall be prepared on the following basis:
 - i) Grants received by the PCCC or by the City or Township on behalf of the PCCC shall be treated as general Communications Center revenue.
 - ii) Communications Center revenues including State and Federal aid, which cannot be attributed directly to the City or the Township, shall be treated as general Communications Center revenues.
 - iii) Communications Center revenue, including State and Federal aid and 9-1-1 Revenue (telephone customer surcharge), which can be attributed directly to the City or the Township, shall be treated as City or Township revenues respectively.
 - iv) The net operating formula described in subsection b) below shall be applied to the net operating budget to determine the operating share of the City and the Township.
 - b) The formula for sharing the net operating budget shall be determined as follows:
 - i) Thirty-three percent (33%) of the net operating budget shall be charged to the City in proportion to the City's population as a percentage of the total City and Township population. For any given fiscal year, the population shall be based on the most recent U.S. census figures, plus the average family size based on those figures, multiplied by the number of new dwelling unit occupancy permits issued by the Township and the City from the year of the most recent census through the year prior to the previous calendar year. For example, the year 2000 formula would be based on the 1998 population, which is equal to the 1990 census plus adjustments for the years 1990 through 1997 inclusive.

- ii) Thirty-four percent (34%) of the net operating budget shall be charged to the City in proportion to the total activity related to the City as a percentage of the total City and Township activity, averaged for the three (3) most recent calendar years prior to the previous calendar year. For example, the year 2000 formula would be based on an average of 1996, 1997, and 1998 total activity. Total activity is the sum of total MICR activity, total general calls for service, and the total number of traffic stops.
- iii) Thirty-three percent (33%) of the net operating budget shall be charged to the City in proportion to the total State Equalized Valuation (S.E.V.) for the City as percentage of the total City and Township S.E.V. for the previous calendar year. For any given calendar year, the total S.E.V. shall include all real and personal property S.E.V., including all S.E.V. which is captured by a downtown development authority or a tax increment financing authority, or which is subject to a Commercial or Industrial Facilities Tax Abatement.
- iv) Regardless of the factors provided in subsections (i) through (iii) above, the City's share shall not be less than twenty-two and eight tenths percent (22.8%). This figure is based on the 2020 populations of the two governmental units as projected by the Southeast Michigan Council of Governments (SEMCOG). The City's population is estimated at nine thousand eight hundred fifty-six (9,856), and the Township's population is estimated at thirty-three thousand three hundred twenty-two (33,322).

8. **City and Township Equity in Assets.** The City and the Township will not share equity in the assets of the Plymouth Community Communications Center. However, the City shall pay a usage charge for equipment used by all, on the following basis:

- a) A Schedule of Equipment is attached as Appendix B, consisting of equipment that was purchased by the Township and is owned by the Township, but that is in common usage by the City and the Township pursuant to this agreement. The City will pay a share of the yearly depreciation on this equipment based on the formula in Section 7 above.
- b) Any new equipment that the Township deems is necessary to operate the Center shall be purchased at Township expense and will be the property of the Township. This new equipment will be added to the Equipment Schedule and usage charges will be assessed to the City based on the above paragraph and pursuant to the budget limitations in this agreement.
- c) Equipment that is used solely by one agency, the City or the Township, must be purchased and maintained by that agency, and will remain the sole property of that agency. Examples of this include: portable radios used by police officers, mobile radios in patrol vehicles, mobile data terminals, and laptop computers used in patrol vehicles. In order to insure radio compatibility, the Township shall purchase and finance equipment on behalf of the City as noted in Appendix D. This equipment

shall be financed over a three (3) year period and payments for same will be the responsibility of the City.

- d) The Township's annual report to the City shall include a copy of the current Schedule of Equipment detailing the basis of the City's payment for that fiscal year.

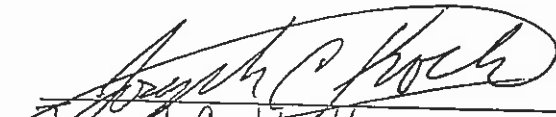
9. **Procedure for Resolving Policy and Operating Problems.** There is hereby created a board to be known as the Plymouth Community Communications Center Board. The purpose of this board is to hear testimony related to any problem that either municipality might bring before it related to the services being provided by the Center. The "PCCC" Board shall consist of two (2) members appointed by the City, two (2) members appointed by the Township, and a fifth member selected by the four.

- a) If the City experiences a problem with the services being provided by the Center, the problem shall be resolved in accordance with the following procedures:
 - i) **Step A.** The Chief Elected or Manager shall attempt to resolve the problem with the Police Chief. The municipality initiating the complaint shall be notified that this step is being initiated.
 - ii) **Step B.** If the problem is not resolved at Step A, then the Township Supervisor and the City Manager shall attempt to resolve the problem.
 - iii) **Step C.** If the problem is not resolved at Step B, then the Township Supervisor and/or City Manager shall request a meeting of the "PCCC" Board, in writing. The "PCCC" Board shall schedule a meeting within fourteen (14) calendar days of such request, in accordance with the Michigan Open Meetings Act.
 - iv) At such meeting, the Police Chief, the City Manager and the Township Supervisor shall present whatever information each may deem appropriate, and shall furnish a summary of such presentation in writing to the "PCCC" Board. The "PCCC" Board shall prepare a written report and recommendation concerning the problem, which shall be submitted to both the City manager and the Township Supervisor within fourteen (14) calendar days of the meeting. Within twenty-one (21) calendar days of receiving the recommendation, the operating municipality shall either accept the recommendation, or notify the other party, in writing, that they request to proceed to Step D.
 - v) **Step D.** If the problem is not resolved at Step C, then the City Commission and the Township Board shall meet in joint session within thirty (30) calendar days to resolve the problem.

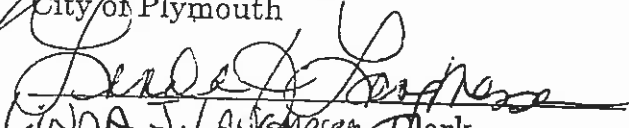
10. **Liability.** The Township shall be responsible for providing insurance liability coverage for the Communications Center, in the amounts and under the terms specified in Appendix C.
11. **Modification, Duration and Termination of this Agreement.**
- a) This agreement may be modified at any time by mutual approval of both the City Commission and the Township Board.
 - b) This agreement shall continue in effect at least until December 31, 2006. This agreement may be terminated for any reason by either party upon one (1) years notice of termination in writing to the other party.
 - c) Other than noted in Appendix D upon termination of this agreement, the City shall have no equity interest in the items listed in the original Schedule of Equipment or in any equipment purchased by the Township subsequent to the commencement of this agreement.
 - d) Upon termination of this agreement, the allocation of Plymouth Community Communications Center employees shall be made in accordance with the merger agreement reached with the City's Union and the Township's Union pursuant to the implementation of this agreement.
 - e) Post Termination Health Care/Retirement Benefit Costs: Upon termination of this agreement any post termination health care costs, medical benefit costs or retirement related costs attributable to service by employees performed under this agreement shall be shared on the same basis as costs incurred during the term of this agreement.
 - f) The parties hereto agree that upon termination of this agreement any balance owing on funds being financed by the Township and payable by the City, for the purchase of equipment pursuant to Paragraph 8(c), shall be forthwith paid in full by the City.
12. **Severability.** Should any provision, paragraph, section or part of this agreement be found void or unenforceable by a court of competent jurisdiction the remainder shall continue in full force and effect.

This agreement was approved and the execution of it was authorized by the Resolution of the Plymouth City Commission on the _____ day of _____, 1999; and by the

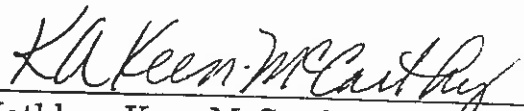
Resolution of the Plymouth Township Board of Trustees on the 17th day of August, 1999; in witness whereof the parties hereto have placed their hands and seals below:



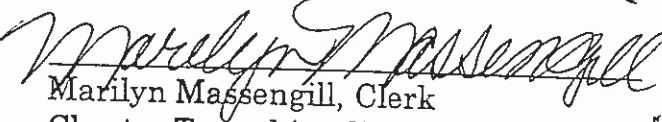
Joseph C. Koch, Mayor
City of Plymouth



Linda J. Langness, Clerk
City of Plymouth



Kathleen Keen McCarthy, Supervisor
Charter Township of Plymouth



Marilyn Massengill, Clerk
Charter Township of Plymouth

Plymouth Community Communications Center
Projected Budget

APPENDIX A

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
PERSONNEL											
705 Supervisor (1)	34,260	35,288	36,346	37,437	38,560	39,717	40,908	42,135	43,400	44,702	46,043
706 Dispatchers (Full-time)	297,630	306,559	315,756	325,228	334,985	343,372	351,873	360,719	369,921	379,488	388,876
707 Clerical	27,980	28,819	29,684	30,575	31,492	32,436	33,410	34,412	35,444	36,508	37,603
708 Dispatchers (Part-time)											
709 Overtime	12,000	12,360	12,731	13,113	13,506	13,911	14,329	14,758	15,201	15,657	16,127
709.04 Holiday Pay	14,309	14,738	15,181	15,636	16,105	16,591	17,084	17,584	18,091	18,605	19,127
714 Fringe Benefits											
714 Health Care	44,000	46,420	48,973	51,667	54,508	57,506	60,669	64,006	67,526	71,240	75,158
714 LTD	7,197	7,413	7,636	7,865	8,101	8,344	8,594	8,852	9,117	9,391	9,673
714 Life	5,398	5,560	5,727	5,899	6,076	6,258	6,446	6,639	6,838	7,043	7,255
714 Pension	53,981	55,600	57,268	58,986	60,756	62,579	64,457	66,390	68,379	70,425	72,538
715 FICA	29,543	30,429	31,342	32,282	33,251	34,252	35,284	36,349	37,448	38,581	39,738
720 Worker's Comp	1,159	1,193	1,229	1,266	1,304	1,344	1,384	1,425	1,467	1,509	1,552
TOTAL PERSONNEL	527,456	544,380	561,872	579,952	598,643	617,990	638,040	658,813	679,335	700,632	721,782
OPERATING COSTS											
727 Office Supplies	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032
758 Laundry/Uniforms	6,650	6,850	7,055	7,267	7,485	7,709	7,940	8,179	8,424	8,677	8,937
851 Equipment Maintenance											
Base System/Radios	26,650	27,450	28,273	29,121	29,995	30,895	31,821	32,776	33,759	34,772	35,815
9-1-1	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720
Lein Lines	7,200	7,416	7,638	7,868	8,104	8,347	8,597	8,855	9,121	9,394	9,676
CLEMIS	7,155	7,370	7,591	7,818	8,053	8,295	8,543	8,800	9,064	9,336	9,616
MDT Fees	15,000	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159
Pagers	9,000	9,270	9,548	9,835	10,130	10,433	10,746	11,069	11,401	11,743	12,095
Uninterrupted Power	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376
Voice Recorder	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032
Computer Maintenance & Support	7,920	8,158	8,402	8,654	8,914	9,181	9,457	9,741	10,033	10,334	10,644
853 Telephone	5,500	5,665	5,835	6,010	6,190	6,376	6,567	6,764	6,967	7,176	7,392
920 Utilities	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601	7,829	8,063
960 Training	6,650	6,850	7,055	7,267	7,485	7,709	7,940	8,179	8,424	8,677	8,937
963 Other Sundry	500	515	530	546	563	580	597	615	633	652	672
TOTAL OPERATING	113,225	116,622	120,120	123,724	127,436	131,259	135,197	139,252	143,430	147,733	152,165
ANNUALIZED CAPITAL EXPENSE	81,915	81,971	84,215	86,489	88,792	91,125	93,488	95,881	98,304	100,757	103,240
GRAND TOTAL EXPENSE	222,596	225,613	228,355	234,937	243,663	252,414	261,514	270,965	280,767	290,922	301,447
	1995		1996		1997		1998		1999		2000

Plymouth Community Communications Center
Schedule of Equipment

YR	DESCRIPTION	COST	UNITS	REPL	REPL	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
RADIO																	
85	Radio Console	45,882		0	0												
82	Console Dispatch Unit	2,725		15	07	4,245	283	283	283	283	283	283	283	283	441	441	441
99	Base Station Upgrade to Digital	60,000		15	14	93,478	6,232	6,232	6,232	6,232	6,232	6,232	6,232	6,232	6,232	6,232	6,232
MOBILE DATA TERMINALS																	
97	PC - Video Arraignment System	3,298		3	00	3,604	1,201	1,201	1,313	1,313	1,313	1,434	1,434	1,434	1,587	1,587	1,587
97	Laser Printer	789		3	00	840	280	280	306	306	306	334	334	334	364	364	364
98	PC - Pentium II 300	2,000	12	3	02	26,225	8,742	8,742	8,742	8,742	8,742	9,552	9,552	9,552	10,437	10,437	10,437
98	Network Software	2,000		5	04	2,500	500	500	500	500	500	500	500	500	579	579	579
98	Printer	2,000		3	02	2,185	728	728	728	728	795	795	795	795	868	868	868
OTHER EQUIPMENT																	
87	U P S Unit	22,727		15	02	35,408	2,381	2,381	2,381	2,381	3,678	3,678	3,678	3,678	3,678	3,678	3,678
88	Enhanced 911 Equip.-88 payment	11,282		15	03	17,593	1,173	1,173	1,173	1,173	1,827	1,827	1,827	1,827	1,827	1,827	1,827
90	Exposed Camera System	4,837		10	00	8,501	850	850	873	873	873	873	873	873	873	873	873
95	800 MHz Radio Equip	58,082		15	10	87,343	5,823	5,823	5,823	5,823	5,823	5,823	5,823	5,823	5,823	5,823	5,823
98	Intensive Duty Chair	750		5	01	880	178	178	178	204	204	204	204	204	236	236	236
97	Intensive Duty Chair	750		5	01	880	178	178	178	204	204	204	204	204	236	236	236
97	Safety Chair	1,382		5	02	1,602	320	320	320	320	370	370	370	370	428	428	428
97	Tape Recorder	34,915		10	07	48,923	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892	4,892
97	Video Arraignment Cabinet	599		8	05	759	95	95	95	95	95	95	95	95	120	120	120
97	Radio Antenna	28,582		15	12	44,530	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969
98	UPS Batteries	2,350		10	08	3,158	316	316	316	316	316	316	316	316	316	316	316
98	Video Conference Camera	4,284		5	03	4,978	996	996	996	996	1,154	1,154	1,154	1,154	1,154	1,154	1,154
99	Mug Shot System	28,000		10	08	37,830	3,783	3,783	3,783	3,783	3,783	3,783	3,783	3,783	3,783	3,783	3,783
99	VHS duplication system	1,200		5	04	1,381	278	278	278	278	278	278	278	278	322	322	322

Appendix C

Liability Insurance

All Insurance coverage shall be with insurance companies licensed in the State of Michigan.

Plymouth Township will maintain General Liability Coverage for the Plymouth Community Communications Center in an amount not less than fifteen million (\$15M) per occurrence with no aggregate limit. The City of Plymouth shall be named as additional insured on this policy.

(The 1999 rate for this coverage is \$7.64 per thousand dollars of budgeted expenses.)

City-Only Equipment

APPENDIX D

EQUIPMENT DESCRIPTION			YEAR OF CAPITAL OUTLAY											
EQUIPMENT DESCRIPTION			1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1999 Mobile Radios	18,765	5												
1999 Portable Radio Systems	6,797	2												
1999 Portable Radios & Equipment	43,801	14												
1999 Battery Chargers	1,340	2												
1999 MDCS Portable Computers	3,771	5												
	106,444													
			39,087	39,087	39,087									

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES - REGULAR MEETING
TUESDAY, FEBRUARY 28, 1995

Mrs. Massengill moved to approve the utility easement for Pfeister Company, located on part of Lot 1 of Metro West Technology Park. Supported by Ms. Arnold. Ayes all.

J.9 Police and Fire Communications System

Chief Berry addressed the Board.

Mr. Griffith moved to authorize the Township Supervisor, Kathleen Keen-McCarthy, to send the proposed letter of intent to the Michigan State Police Communications Division. Supported by Mrs. Brooks. Ayes all.

J.10 Approving Negotiations to Develop a Joint Communications Center - Resolution No. 95-02-28-08

Mr. Griffith moved to approve Resolution No. 95-02-28-08, authorizing the administration to proceed with negotiations to develop an agreement between the Cities of Plymouth and Northville and the Townships of Plymouth and Northville to create a Joint Communications Center. Supported by Mrs. Massengill.

The resolution reads as follows:

WHEREAS, the Communities of Northville Township, and the City of Northville, Plymouth Township, and the City of Plymouth have been analyzing the benefits of a Joint Communications Center; and

WHEREAS, months of research has shown that a Joint Communications Center will result in an improvement in service, provide state-of-the-art equipment and save each community a substantial amount of money versus the status quo; and

WHEREAS, the communities are committed to providing back-up assistance to each other in the event of an equipment failure in the short term before a Joint Center can be put into operation;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees of the Charter Township of Plymouth authorizes administration to proceed with negotiations to develop an agreement with the other aforementioned communities to create a Joint Communications Center. Said agreement to be presented to this body for approval within sixty days.

Roll call:

Ayes: Arnold, Brooks, Curmi, Griffith, Massengill, Mueller,
Keen-McCarthy

Nays: None

Resolution declared adopted.

RESOLUTION NO. 95-02-28-08

Whereas, the Communities of Northville Township, the City of Northville, Plymouth Township, and the City of Plymouth have been analyzing the benefits of a Joint Communications Center; and

Whereas, months of research has shown that a Joint Communications Center will result in an improvement in service, provide state-of-the-art equipment and save each community a substantial amount of money versus the status quo; and

Whereas, the communities are committed to providing back-up assistance to each other in the event of an equipment failure in the short term before a Joint Center can be put into operation;

Now, therefore, be it resolved, that the Board of Trustees of the Charter Township of Plymouth authorizes administration to proceed with negotiations to develop an agreement with the other aforementioned communities to create a Joint Communications Center. Said agreement to be presented to this body for approval within sixty days.

RES.DOC

The forgoing Resolution was moved by Trustee Griffith and supported by Clerk Massengill.

Roll Call:

Ayes: Griffith, Arnold, Curmi, Mueller, Brooks, Massengill, Keen-McCarthy

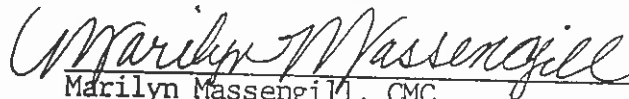
Nays: None

Resolution adopted February 28, 1995


Marilyn Massengill, CMC
Clerk, Charter Township of Plymouth

CERTIFICATION

I, Marilyn Massengill, Clerk of the Charter Township of Plymouth, do hereby certify the foregoing to be a true and correct copy of a resolution adopted by the Board of Trustees of the Charter Township of Plymouth at a regular meeting held on February 28, 1995.


Marilyn Massengill, CMC
Clerk, Charter Township of Plymouth

**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

AGENDA NO. _____

Meeting date: 2/28/95

ITEM: Resolution approving negotiations to develop a Joint Communications Center

BRIEF:

ACTION: Approve

DEPARTMENT/PRESENTER(S): Supervisor Keen-McCarthy

BACKGROUND:

BUDGET/TIME LINE:

RECOMMENDATION: Approval

PROPOSED MOTION:

I move to approve Resolution No. 95-02-28-08, authorizing the administration to proceed with negotiations to develop an agreement between the Cities of Plymouth and Northville and the Townships of Plymouth and Northville to create a Joint Communications Center.

RECOMMENDATION: Moved by: _____ Seconded by: _____

VOTE: ____KA ____MB ____CC ____RG ____KCM ____MM ____KKM

MOTION CARRIED: _____ **MOTION DEFEATED:** _____

RESOLUTION NO. 95-02-28-08

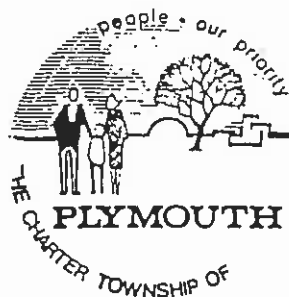
Whereas, the Communities of Northville Township, the City of Northville, Plymouth Township, and the City of Plymouth have been analyzing the benefits of a Joint Communications Center; and

Whereas, months of research has shown that a Joint Communications Center will result in an improvement in service, provide state-of-the-art equipment and save each community a substantial amount of money versus the status quo; and

Whereas, the communities are committed to providing back-up assistance to each other in the event of an equipment failure in the short term before a Joint Center can be put into operation;

Now, therefore, be it resolved, that the Board of Trustees of the Charter Township of Plymouth authorizes administration to proceed with negotiations to develop an agreement with the other aforementioned communities to create a Joint Communications Center. Said agreement to be presented to this body for approval within sixty days.

RES.DOC



CHARTER TOWNSHIP OF PLYMOUTH

42350 ANN ARBOR ROAD
PLYMOUTH, MICHIGAN 48170-0350

General Offices (313) 453-3840

SUPERVISOR
GERALD H. LAW

CLERK
ESTHER L. HULSING

TREASURER
MARY A. BROOKS

TRUSTEES
RON GRIFFITH
SMITH HORTON
ABE A. MUNFAXH
JOHN C. STEWART

December 4, 1991

Mr. Steven L. Walters
City Manager
City of Plymouth
201 South Main Street
Plymouth, Michigan 48170-1688

Dear Steve,

At the request of the Supervisor, I am enclosing a revised forecast for Joint Dispatch Services that includes the Records Personnel for both the City and the Township, and the impact of Capital Expenditures. I think this presents a clearer picture of the potential savings involved with this project.

I am also enclosing a detailed book describing the capabilities of the Advanced Public Safety Information Management System (APLIMS) software package being used by the Township. This will allow you to compare your present system, and any other system that you might consider purchasing, with the software that would be available to you with Joint Services.

If you have any questions, please feel free to contact me at 453-3840, extension 255.

Sincerely,

Rosemary A. Harvey
Finance Director

RAH/ms
Enclosures

cc: Mr. Law
Mr. Griffith
Mr. Munfakh

JOINT SERVICES ANALYSIS
FORECASTS FOR YEAR BEGINNING JANUARY 1, 1992
11/25/91

	1992 TWP OUTLOOK	1992 CITY OUTLOOK	SUM	TOTAL	COMBINED SERVICE CITY	TWP
SALARIES/FRINGES						
FULL-TIME OPERATORS	66,456	71,190	137,646	142,380	47,460	94,920
PART-TIME OPERATORS	86,204	56,952	143,156	85,438	42,719	42,719
DP SUPERVISOR	36,345	0	36,345	36,345	18,173	18,173
RECORDS CLERK	21,455	23,730	45,185	45,185	23,730	21,455
HOLIDAY PAY	4,375	5,476	9,851	7,986	3,423	4,563
SICK BUY-OUT	0	4,172	4,172	0	0	0
OVERTIME	0	6,075	6,075	3,000	1,500	1,500
LONGEVITY	0	320	320	0	0	0
SUBTOTAL SALARIES	214,835	167,915	382,750	320,334	137,004	183,330
FICA	16,435	12,846	29,280	24,506	10,481	14,025
WORKMEN'S COMP	645	504	1,148	961	411	550
PENSION	15,316	14,238	29,554	25,281	9,845	15,436
DISABILITY (1.75%)	2,174	0	2,174	3,918	1,564	2,355
HEALTH/DENTAL/LIFE	17,450	18,900	36,350	36,350	12,117	24,233
TOTAL SALARIES/FRINGES	266,854	214,402	481,256	411,350	171,421	239,929
OPERATING COSTS						
Telephone	3,041		3,041	3,041		
Utilities	3,581		3,581	3,581		
Uniform Allowance	1,000	600	1,600	1,000	35%	
Office Supplies	2,000	2,750	4,750	2,000		
Education/Training	0	2,500	2,500	5,000		
SUBTOTAL	9,622	5,850	15,472	14,622	5,118	9,504
REPAIR/MAINTENANCE						
Mainframe Computer	20,516	3,000	23,516	20,516		
Software Support	8,815	0	8,815	8,815		
LEIN	8,230	4,020	12,250	8,230		
E911	4,035	4,000	8,035	4,035	35%	
Uninterrupted Power	3,990	0	3,990	3,990		
Dictaphone	7,350	6,540	13,890	7,350		
SUBTOTAL	52,936	17,560	70,496	52,936	18,527	34,408
ADMINISTRATION		0	0	12,246	12,246	0
MDT MAINTENANCE	7,622	0	7,622	7,622	0	7,622
DEPRECIATION						
Mainframe	10,778	0	10,778	10,778		
E911	3,000	5,566	8,566	3,000		
Software License	7,131		7,131	7,131		
LEIN Interface	900		900	900	35%	
SUBTOTAL	21,809	5,566	27,375	21,809	7,633	14,176
Data Conversion	1,900		1,900	1,900	0	1,900
GRAND TOTAL	360,742	243,378	604,121	522,485	214,945 41%	307,539 59%

	TWP OUTLOOK	CITY OUTLOOK	SUM	TOTAL	COMBINED SERVICE CITY	TWP
CAPITAL BUDGET						
Mobile Terminals	51,108		51,108	51,108		51,108
Computer & Printer	6,000		6,000	6,000		6,000
CAD System/Debt Service*		15,241				
Phone Panel				4,000		4,000
Radio Requirements (Twp)				2,940		2,940
System Interface				4,174	4,174	
Radio Requirements (City)				2,400	2,400	
Radio Requirements (Jt)				6,578	3,289	3,289
Computer Modifications				21,960	10,980	10,980
Data Line to City				1,800	1,800	
Data line to TAC receiver				1,800	900	900
TOTAL CAPITAL	57,108	15,241	57,108	102,760	23,543	79,217
BUDGET INCL CAPITAL	417,850	258,619	661,229	625,245	238,488	386,756
POTENTIAL SAVINGS (YR 1)					20,131	31,094
POTENTIAL SAVINGS (YR2)					43,674	53,203

*Assumes City must purchase new CAD hardware/software or revert to paper/pencil.
Number based on \$100,000 for ten years at 8%.

MANPOWER						
FULL-TIME	3.00	3.00	6.00	6.00	2.00	4.00
PART-TIME (FTE'S)	5.20	2.40	7.60	3.60	1.80	1.80
PART-TIME (HOURS)	10,816	4,992	15,808	7,488	3,744	3,744
DP SUPERVISOR	1.00	0.00	1.00	1.00	0.50	0.50
RECORDS CLERK	1.00	1.00	2.00	2.00	1.00	1.00
BASE SALARIES						
FULL-TIME	22,152	23,730	22,941	23,730	23,730	23,730
PART-TIME HOURLY RATE	7.97	11.41	9.69	11.41	11.41	11.41

JOINT SERVICES FOR DISPATCH
ASSUMPTIONS

- Joint Service Dispatchers' salaries equal to City of Plymouth 1991 plus 5%.
- Holiday Pay will be equal to one day's wages.
- Union pension will be equal to 10% of base pay, or employee may choose to remain in the MERS plan, if applicable.
- All other wages/benefits/work rules to be as per the current dispatcher's contract with Plymouth Township.
- The City of Plymouth's Capital Budget (without Joint Services) assumes the purchase of Computer Hardware and software for Computer Aided Dispatch. Cost based on \$100,000 financed for 10 years at 8%.

BAUCKHAM, SPARKS, ROLFE, LOHRSTORFER & THALL, P.C.

ATTORNEYS AT LAW

458 WEST SOUTH STREET

KALAMAZOO, MICHIGAN 49007-4621

TELEPHONE (616) 382-4500

FAX (616) 382-2040

JOHN H. BAUCKHAM
KENNETH C. SPARKS
CRAIG A. ROLFE
JOHN K. LOHRSTORFER
ROBERT E. THALL

ROXANNE C. SEEGER
JAMES W. PORTER

HARRY F. SMITH
1906-1972

November 22, 1999

REC'D

NOV 23 1999

PLYMOUTH TWP.
SUPR'S OFFICE

Kathleen Keen-McCarthy, Supervisor
Plymouth Charter Township
42350 East Ann Arbor Road
Plymouth MI 48170-4303

Re: MTA Legal Opinion

Dear Ms. Keen-McCarthy:

The letter of September 15, 1999, sent by your counsel, Timothy Cronin, to the Michigan Townships Association, has been referred to this office for reply. Apparently a question has arisen as to the legalities of Paragraphs 8(c) and 11(f) incorporated into the Intergovernmental Communications Services Agreement between the City of Plymouth and the Charter Township of Plymouth, the question being whether the Township could purchase radios for the City as part of this Agreement.

While the letter was no more specific than I have just indicated, I have to assume that the basis for the concern is whether or not Paragraph 8, Section C violates the lending credit provisions of the Michigan Constitution. Under the Michigan Constitution, Article IX, Section 18, credit of the state shall not be granted to nor in aid of any person, association or corporation, public or private, except as authorized in this Constitution. This provision of the Constitution has been held to be applicable to townships as well as other political subdivisions of the State. However, we must not forget that this provision does say "except as authorized in this Constitution."

Numerous sections of the Michigan Constitution provide for intergovernmental cooperation. Article III, section 5 of the Michigan Constitution provides as follows:

subject to provisions of general law, this state or any political subdivision thereof, any governmental authority or any combination thereof may enter into agreements for the performance, financing or execution of their respective functions, with any one or more of the other states, the United States, the Dominion of Canada, or any political subdivision thereof unless otherwise provided in this constitution. Any other provision of this constitution notwithstanding, an officer or employee of the state or of any such unit of government or subdivision or agency thereof may serve on or with any governmental body established for the purposes set forth in this section and shall not be required to relinquish his office or employment by reason of such service. The legislature may impose such restrictions, limitations or conditions on such service as it may deem appropriate.

Kathleen Keen-McCarthy, Supervisor
Plymouth Charter Township
November 22, 1999

Article VII, Section 28 provides as follows:

The legislature by general law shall authorize two or more counties, townships, cities, villages or districts, or any combination thereof among other things to: enter into contractual undertakings or agreements with one another or with the state or with any combination thereof for the joint administration of any of the functions or powers which each would have the power to perform separately; share the costs and responsibilities of functions and services with one another or with the state or with any combination thereof which each would have the power to perform separately; transfer functions or responsibilities to one another or any combination thereof upon the consent of each unit involved; cooperate with one another and with state government; lend their credit to one another or any combination thereof as provided by law in connection with any authorized publicly owned undertaking.

Any other provision of this constitution notwithstanding, an officer or employee of the state or any such unit of government or subdivision or agency thereof, except members of the legislature, may serve on or with any governmental body established for the purposes set forth in this section and shall not be required to relinquish his office or employment by reason of such service.

As you can see from Article III, section 5, joint financing of governmental projects is approved and under Article VII, section 28, the lending of credit to one agency to another is authorized under the Constitution.

I would also point out to you that section 4 of Public Act 8 of 1967 (Intergovernmental Transfers of Function and Responsibilities Act) authorizes the contents of any such contract to provide for the method of financing to be used and the amount to be paid by each of the participating units in relation to the undertaking involved.

Based on the above-referenced sections, I see no violation of Michigan Constitution or Statute provided for under Section 8(c) or 11(f) of the contract.

I trust this letter has been of assistance to you and your Township as you approach this matter. If you need any further assistance, please do not hesitate to contact us again through the Michigan Townships Association.

Very truly yours,

BAUCKHAM, SPARKS, ROLFE,
LOHRSTORFER & THALL, P.C.



James W. Porter

JWP/cjc

MTA Code: X.

December 2014

Monthly Invoice



CHARTER TOWNSHIP OF PLYMOUTH

P.O. BOX 8040, Plymouth, Michigan 48170-8040
(734) 354-3227

INVOICE 9325

PLYMOUTH, CITY OF
201 S. MAIN

DATE 12/04/2014

PLYMOUTH MI 48170

AMOUNT 75,000.00

Quantity	Description	Unit Price	Amount
1.00	DEC14 PLY COMMUNICATIONS CTR	75000.00	75,000.00
		TOTAL	75,000.00

TERMS Due Upon Receipt



RETURN THIS COPY WITH PAYMENT

CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040, PLYMOUTH, MICHIGAN 48170-8040

9325 PLYMOUTH, CITY OF

12/04/2014

CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040
PLYMOUTH MI 48170-8040

INVOICE TOTAL
75,000.00

MAKE CHECK PAYABLE TO: CHARTER TOWNSHIP OF PLYMOUTH



REMITTANCE COPY

- d) **Personnel Administration and Union Contracts:** All personnel in the Communications Center shall be employees of the Township, and shall be subject to personnel regulations and union contracts. The City shall be permitted to appoint one representative to the union contract negotiating committee, who shall serve in an advisory capacity and be invited to attend all strategy and negotiating sessions with the committee alone, and with the Union and/or the administration.
- e) **Center Documents:** The municipalities shall exchange copies of all reports, correspondence and other documents which each community produces regarding the Communications Center. The recipient of these documents shall treat them in the same manner that the provider treats them. Documents which are confidential shall be marked as such, and shall be treated in accordance with the provider's instructions: provided, that such documents which are distributed to the Township Board by the Township Supervisor shall also be distributed to the City Commission.
- f) **Payments for Service:** The City shall pay its annual estimated cost for the Communications Center services in twelve (12) equal monthly payments, based on the cost sharing formula provided in this agreement. Payments shall be due on or before the fifteenth (15th) day of each month. The billing community may add a service charge of one percent (1%) on the first day of each month to any balance that is in arrears.
- g) **Final Statement:** Immediately following the completion of the annual audit, the Township shall submit a final statement to the City regarding the total costs for the Communications Center for the year being audited. The statement shall include a copy of the audit, a detailed revenue and expense report if not provided by the audit, a detailed statement concerning the current equipment equity if not provided by the audit, a summary of the amounts owed and paid by the City for the year being audited, and the balance payment or refund due. The amount payable or refundable shall be netted with the next month's payment.
- h) **Budget Correction:** If there is a difference of more than five percent (5%) between the projected budget (Appendix A) and actual costs incurred, a request may be forwarded by the Township to the City for the payment of the City's share of any amount in excess of the five percent (5%) difference between the actual costs and the projected budget for that calendar year. Sufficient information shall be provided by the Township to enable the City to evaluate the request and to make a determination as to its reasonableness. Within forty-five (45) days of the receipt by the City of the request for approval and payment of the amount in excess of the five percent (5%) difference between the projected budget and the actual costs the City shall approve or disapprove the request. Failure of the City to act on a request within forty-five (45) days shall be deemed a disapproval unless a longer

Intergovernmental Communications Services Agreement
Between
The City of Plymouth
And
The Charter Township of Plymouth

Administrative and Financial Responsibility
Meeting

Wednesday, January 14, 2015



CHARTER TOWNSHIP OF PLYMOUTH

P.O. BOX 8040, Plymouth, Michigan 48170-8040
(734) 354-3227

INVOICE 9338

PLYMOUTH, CITY OF
201 S. MAIN

DATE 12/31/2014

AMOUNT 22,500.00

PLYMOUTH MI 48170

Quantity	Description	Unit Price	Amount
1.00	DEC14 PLY COMMUNICATIONS CTR	22500.00	22,500.00
		TOTAL	22,500.00

TERMS Due Upon Receipt



RETURN THIS COPY WITH PAYMENT

CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040, PLYMOUTH, MICHIGAN 48170-8040

9338 PLYMOUTH, CITY OF

12/31/2014

CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040
PLYMOUTH MI 48170-8040

INVOICE TOTAL
22,500.00

MAKE CHECK PAYABLE TO: CHARTER TOWNSHIP OF PLYMOUTH



REMITTANCE COPY

Annual Audit

Final Statement

Amount Payable or Refundable

- d) **Personnel Administration and Union Contracts:** All personnel in the Communications Center shall be employees of the Township, and shall be subject to personnel regulations and union contracts. The City shall be permitted to appoint one representative to the union contract negotiating committee, who shall serve in an advisory capacity and be invited to attend all strategy and negotiating sessions with the committee alone, and with the Union and/or the administration.
- e) **Center Documents:** The municipalities shall exchange copies of all reports, correspondence and other documents which each community produces regarding the Communications Center. The recipient of these documents shall treat them in the same manner that the provider treats them. Documents which are confidential shall be marked as such, and shall be treated in accordance with the provider's instructions: provided, that such documents which are distributed to the Township Board by the Township Supervisor shall also be distributed to the City Commission.
- f) **Payments for Service:** The City shall pay its annual estimated cost for the Communications Center services in twelve (12) equal monthly payments, based on the cost sharing formula provided in this agreement. Payments shall be due on or before the fifteenth (15th) day of each month. The billing community may add a service charge of one percent (1%) on the first day of each month to any balance that is in arrears.
- g) **Final Statement:** Immediately following the completion of the annual audit, the Township shall submit a final statement to the City regarding the total costs for the Communications Center for the year being audited. The statement shall include a copy of the audit, a detailed revenue and expense report if not provided by the audit, a detailed statement concerning the current equipment equity if not provided by the audit, a summary of the amounts owed and paid by the City for the year being audited, and the balance payment or refund due. The amount payable or refundable shall be netted with the next month's payment.
- h) **Budget Correction:** If there is a difference of more than five percent (5%) between the projected budget (Appendix A) and actual costs incurred, a request may be forwarded by the Township to the City for the payment of the City's share of any amount in excess of the five percent (5%) difference between the actual costs and the projected budget for that calendar year. Sufficient information shall be provided by the Township to enable the City to evaluate the request and to make a determination as to its reasonableness. Within forty-five (45) days of the receipt by the City of the request for approval and payment of the amount in excess of the five percent (5%) difference between the projected budget and the actual costs the City shall approve or disapprove the request. Failure of the City to act on a request within forty-five (45) days shall be deemed a disapproval unless a longer

Charter Township of Plymouth
Intergovernmental Services Cost Sharing Analysis
2011
Plymouth Community Communications Center

Plymouth Community Communications Center				
2011 Formula				
City Population	Data	%	12-31-11 YTD expenditures per T/B	
				979,841.74
Avg Family Size				
Net Adjusted Population	9153	24.80%	Less: Clemis (Oakland County Usage, Participation, Regulatory)	2011 (17,507.75)
Occupancy Permits Issued				
Township Population				
			Less: Equipment Expenditures	2,722.00
Avg Family Size			Add: Non-capitalized expenditures	(2,722.00)
Net Adjusted Population	27749	75.20%	Net Expenditures applied to cost-sharing formula	959,611.99
Occupancy Permits Issued				
			Add: Loss on Disposition of Assets	
Total Net Adj Population	36,902	100.00%	Add: Depreciation on Assets - See attached schedule (Net dep. Exp on 911 equip)	34,977.14
			Net Expense Total to be allocated per agreement	994,589.13
Calls Dispatched Data				
City Avg of '07, 08, 09	7000	39.08%	City of Plymouth	
Township Avg of '07, 08, 09	10912	60.92%	% See Below	28.39%
Total	17912	100.00%		
			City of Plymouth's Share of PCCC Expenses	282,361.75
S.E.V. Data (\$1,000s) 2010				
City S.E.V.	516,431,220		ADD: 12/31/2010 Adj. 2,006.88 @ 28.12%	564.33
Act 255 Abatements				
Act 198 Abatements	6,281,790		Less: 12 Monthly invoices @ \$25,000.00 x 12	(300,000.00)
Total CITY S.E.V.	522,713,010	20.96%	Net Acc Payable @ 12-31-11 as adjusted	(17,073.92)
Township S.E.V.	1,844,027,455			
Act 255 Abatements				
Act 198 Abatements	126,977,690			
Total Township S.E.V.	1,971,005,145	79.04%		
Total S.E.V.	2,493,718,155	100.00%		
2011 Cost-Sharing Formula				
	33.00%	34.00%	33.00%	
	Pop.	Calls	S.E.V.	Total
City Share	8.19%	13.29%	6.92%	28.39%
Township Share	24.81%	20.71%	26.08%	71.61%
Total	33.00%	34.00%	33.00%	100.00%

Charter Township of Plymouth
Intergovernmental Services Cost Sharing Analysis - Plymouth Community Communications Center
2012

Plymouth Community Communications Center				
2012 Formula				
City Population	Data	%	12-31-12 YTD expenditures per T/B	
			Less: Advanced Wireless Telecom invoice #20851	1,048,292.97
Avg Family Size				(5,706.00)
Net Adjusted Population	9168	25.19%	Less: Clemis (Oakland County Usage, Participation, Regulatory)	2012 (18,642.00)
Occupancy Permits Issued				
Township Population				
			Less: Equipment Expenditures	17,631.42
Avg Family Size			Add: Advanced Wireless Telecom invoice #20851	(5,706.00)
Net Adjusted Population	27234	74.81%	Net Expenditures applied to cost-sharing formula	(11,925.42)
Occupancy Permits Issued				1,012,019.55
			Add: Loss on Disposition of Assets	
Total Net Adj Population	36,402	100.00%	Add: Depreciation on Assets - See attached schedule (Net of dep. Exp on 911 equip)	29,991.07
			Net Expense Total to be allocated per agreement	1,042,010.62
Calls Dispatched Data				
City Avg of 08, 09, 10	7334	40.47%	City of Plymouth	
Township Avg of 08, 09, 10	10788	59.53%	% See Below	29.1346%
Total	18122	100.00%		
S.E.V. Data (\$1,000s) 2011				
City S.E.V.	499,716,150		City of Plymouth's Share of PCCC Expenses	303,585.20
Act 255 Abatements			Advanced Wireless Telecom invoice #20851	5,706.00
Act 198 Abatements	4,529,870			
Total City S.E.V.	504,246,020	21.40%	Less: 12 Monthly invoices @ \$22,500.00 x 12	(270,000.00)
			Net Account Receivable @ 12-31-12	39,291.20
Township S.E.V.	1,756,822,165			
Act 255 Abatements				
Act 198 Abatements	94,799,780			
Total Township S.E.V.	1,851,621,945	78.60%		
Total S.E.V.	2,355,867,965	100.00%		
2012 Cost-Sharing Formula				
	33.00%	34.00%	33.00%	
	Pop.	Calls	S.E.V.	Total
City Share	8.31%	13.76%	7.06%	29.13%
Township Share	24.69%	20.24%	25.94%	70.87%
Total	33.00%	34.00%	33.00%	100.00%

2013

Plymouth Community Communications Center				
2013 Formula				
City Population	Data	%	12-31-13 YTD expenditures per T/B	
				1,028,701.37
Avg Family Size				
Net Adjusted Population	9418	25.72%	Less: Clemis (Oakland County Usage, Participation, Regulatory)	
Occupancy Permits Issued			2013	(19,170.00)
Township Population				
			Less: Equipment Expenditures	
Avg Family Size				-
Net Adjusted Population	27195	74.28%	Net Expenditures applied to cost-sharing formula	
Occupancy Permits Issued				1,009,531.37
Total Net Adj Population				
	36,613	100.00%	Add: Loss on Disposition of Assets	
			Add: Depreciation on Assets - See attached schedule (Net of dep. Exp on 911 equip)	
				25,124.16
Net Expense Total to be allocated per agreement				
				1,034,655.53
Calls Dispatched Data				
City Avg of 09,10,11	7840	43.19%	City of Plymouth	
Township Avg of 09,10,11	10314	56.81%	% See Below	
Total	18154	100.00%		30.2656%
City of Plymouth's Share of PCCC Expenses				
				313,144.31
S.E.V. Data (\$1,000s) 2012				
City S.E.V	487,160,100			
Act 255 Abatements				
Act 198 Abatements	4,216,640		Less: 12 Monthly Invoices @ \$22,500.00 x 12	
Total City S.E.V.	491,376,740	21.50%		(270,000.00)
Net Account Receivable @ 12-31-2013				
				43,144.31
Township S.E.V.	1,612,967,657			
Act 255 Abatements				
Act 198 Abatements	181,643,610			
Total Township S.E.V.	1,794,611,267	78.50%		
Total S.E.V.				
	2,285,988,007	100.00%		
2013 Cost-Sharing Formula				
	33.00%	34.00%	33.00%	
	Pop.	Calls	S.E.V.	Total
City Share	8.49%	14.68%	7.09%	30.27%
Township Share	24.51%	19.32%	25.91%	69.73%
Total	33.00%	34.00%	33.00%	100.00%

Annual Audit

Final Statement

Lookback

2008 - 2011

Charter Township of Plymouth
Miscellaneous Accounts Receivable - General Fund
City of Plymouth Detail
2008 Through December 31, 2011

City Of Plymouth - Detail		Fire	Communications	Demerge	Total - Net
2008 City of Plymouth MERS Contribution	2008	(38,598.10)			
2008 Fire Year End		(24,804.23)			
2008 Communications Year End			25,653.75		
2008 Total	Yearly Increment	(63,402.33)	25,653.75	-	(37,748.58)
	Cumulative YTD	(63,402.33)	25,653.75	-	(37,748.58)
Oct 2009 Invoice #8237	2009	88,000.00			
2009 City of Plymouth MERS Contribution		(101,981.90)			
2009 Fire Year End		(102,732.97)			
2009 Communications Year End			7,454.06		
2009 Total	Yearly Increment	(116,714.87)	7,454.06	-	(109,260.81)
	Cumulative YTD	(180,117.20)	33,107.81	-	(147,009.39)
Sep 2010 Invoice #8463	2010	83,000.00			
Dec 2010 Cash Receipts Transactions		83,000.00			
2010 City of Plymouth MERS Contribution		(95,070.00)			
2010 Fire Year End		(49,570.59)			
2010 Communications Year End			(21,473.22)		
	Yearly Increment	21,359.41	(21,473.22)	-	(113.81)
	Cumulative YTD	(158,757.79)	11,634.59	-	(147,123.20)
May 2011 Fire Invoice #8590	2011	83,000.00			
Jul 2011 Fire Invoice #8617		83,000.00			
Jul 2011 Communications Invoice #8617			25,000.00		
Aug 2011 Fire Invoice #8629		83,000.00			
Aug 2011 Communications Invoice #8629			25,000.00		
Nov 2011 Fire Invoice #8678		83,000.00			
Nov 2011 Communications Invoice #8678			25,000.00		
2011 City of Plymouth MERS Contribution		(113,796.00)			
2011 Fire Year End		(2,320.47)			
2011 Communications Year End			(17,073.92)		
	Yearly Increment	215,883.53	57,926.08	-	273,809.61
	Cumulative YTD	57,125.74	69,560.67	-	126,686.41

Annual Audit

Final Statement

Lookback

2007

	Invoice	Date	Description		Amount	Sub Totals		
		2006	Reduction for MERS pd by COP					
12/31/2006	j/e 1376	2006	Final Accounting-Fire		(53,158.71)			
12/31/2006	j/e 1386	2006	Final Accounting-Dispatch		3,212.69			
12/31/2006	j/e 1386C	2006	Final Accounting-Dispatch	correction	(466.10)	2,746.59	net dispatch	
12/31/2006	j/e 1398	2006	Final Accounting-Est adj dispatch		(10,000.00)			
			Total 2006		(114,326.82)			
			2007					
		1/08/07	Jan07 Fire		86,500.00			
		1/26/07	Cash Receipts		(86,500.00)			
		2/01/07	Feb07 Fire		86,500.00			
		2/12/07	Cash Receipts		(86,500.00)			
		3/1/07	Mar07 Fire		86,500.00			
		3/13/07	Cash Receipts		(86,500.00)			
		4/3/07	Apr07 Fire		86,500.00			
		4/26/07	Cash Receipts		(86,500.00)			
		5/1/07	May07 Fire		86,500.00			
		5/16/07	Cash Receipts		(86,500.00)			
		6/1/07	Jun07 Fire		86,500.00			
		6/15/07	Cash Receipts		(86,500.00)			
		7/2/07	Jul07 Fire		86,500.00			
		7/13/07	Cash Receipts		(86,500.00)			
		8/1/07	Aug07 Fire		86,500.00			
		8/10/07	Jan-Jun07 Dispatch #7776		129,000.00			
		8/10/07	Jul07 Dispatch #7777		21,500.00			
		8/10/07	Aug07 Dispatch #7778		21,500.00			
		8/14/07	Cash Receipts		(86,500.00)			
		8/27/07	Cash Receipts		(43,000.00)			
		8/27/07	Cash Receipts		(32,839.69)	(18,166.51)		
	j/e 8-03	8/31/07	Adj for net change in eoy 2006		18,166.51			
		9/4/07	Sep07 Fire		86,500.00			
		9/4/07	Sep07 Dispatch		21,500.00			
		9/11/07	Cash Receipts		(86,500.00)			
		9/11/07	Cash Receipts		(21,500.00)			
		10/1/07	Oct07 Fire		86,500.00			
		10/1/07	Oct07 Dispatch		21,500.00			
		10/12/07	Cash Receipts		(108,000.00)			
		11/1/07	Nov07 Fire		86,500.00			
		11/1/07	Nov07 Dispatch		21,500.00			
		11/13/07	Cash Receipts		(108,000.00)			
		12/1/07	Dec07 Fire		86,500.00			
		12/1/07	Dec07 Dispatch		21,500.00	108,000.00		
		12/12/07	Cash Receipts		(108,000.00)			
	1363	12/31/07	06/07 COP MERS payments		(11,182.70)			
	1363	12/31/07	06/07 COP MERS payments		(35,089.18)			
4/28/2008	1373	12/31/07	07 Communication Apportionment		25,079.58			
4/28/2008	1373	12/31/07	07 Fire Apportionment		(71,020.37)	(92,192.67)		
			Sub Total 2007		(92,192.67)	**See j/e 1390 reclassified for EOY to A/P -owe COP		
	j/e 1390	12/31/07	Reclassified to A/P		92,192.67	Will be reversed in Mar08		
			Total 2007		-			

CITY OF PLYMOUTH

6/13/2008

076348

REFUND OVRPMT REFUND FIRE OVERPAYMENT

6/11/2008

92,192.67

92,192.67

161228 CHK# 076348

Charter Township of Plymouth 9955 N. Haggerty Road • Plymouth, Michigan 48170



CHARTER TOWNSHIP OF PLYMOUTH

9955 N. HAGGERTY ROAD
PLYMOUTH, MICHIGAN 48170



076348

NINETY-TWO THOUSAND ONE HUNDRED NINETY-TWO AND 67/100 DOLLARS

TO THE
ORDER OF

CITY OF PLYMOUTH

201 SO MAIN STREET
PLYMOUTH, MI 48170-1688

DATE

6/13/2008

AMOUNT

\$92,192.67

CHARTER TOWNSHIP OF PLYMOUTH

NON-NEGOTIABLE

MARILYN MASSENGILL, CLERK

MP
RON EDWARDS, TREASURER

Monthly Invoice 2015

Plymouth Community Communications Center

Acct #	Account Name	Actual 2011	Actual 2012	Actual 2013	Current 2014 Budget	August YTD	Amended 2014 Budget	Recommended 2015 Budget	% Increase
705	Salary - Supervisory	54,643	54,643	54,643	58,000	0	58,000	59,740	3%
706	Salary - Non - Supervisory	484,358	514,268	518,668	575,000	337,036	575,000	595,000	3%
707	Salary - Non - Supervisory Office	41,098	42,515	44,297	46,000	29,454	46,000	47,000	2%
708	Part Time	0	0	0	0	0	0	0	0%
709	Overtime	27,357	25,335	35,632	25,000	14,541	25,000	25,000	0%
709.004	Holiday	22,270	23,380	23,267	25,400	0	25,400	25,400	0%
714	Fringe Benefits	96,842	110,130	91,459	115,500	73,131	115,500	115,500	0%
714.05	Pension - Police/Comm	84,769	88,156	94,612	102,510	53,117	84,510	87,771	4%
715	Social Security	47,659	49,708	50,120	55,799	27,856	55,799	57,539	3%
720	Workmen's Compensation /Ins	11,241	13,787	15,784	15,000	884	16,500	16,500	0%
727	Office Supplies	9,917	6,257	5,452	10,000	3,813	10,000	10,000	0%
758	Laundry / Uniforms	1,048	1,641	3,238	3,000	1,864	3,000	3,000	0%
818	Contractual Services	50,757	45,216	45,503	50,000	26,670	50,000	50,000	0%
828	Legal- Labor	1,274	290	4,630	2,500	4,575	5,000	2,500	-50%
835	Physicals	0	78	0	500	118	500	500	0% ⁵⁷
851	Equipment Repair & Maint	14,740	23,273	16,390	25,000	1,998	25,000	25,000	0%
853	Telephone	5,175	7,978	10,163	12,000	5,542	12,000	12,000	0%
921	Utilities	15,370	14,843	13,964	18,522	6,712	18,522	18,522	0%
958	Membership / Dues	0	35	0	1,000	57	1,000	1,000	0%
960	Education / Training	7,343	5,170	5,991	8,000	4,848	8,000	8,000	0%
963	Other Sundry	1,259	1,554	1,674	1,500	407	1,500	1,500	0%
978	Equipment Purchases	2,722	17,631	0	0	0	0	0	0%
Total Expenditures		979,842	1,045,888	1,035,487	1,150,231	592,623	1,136,231	1,161,472	2%

**Charter Township of Plymouth
City of Plymouth
Monthly Invoicing
2015**

	<u>Amount</u>
2015 Budget	\$ 1,161,472.00
Less: Township Clemis	\$ (20,239.00)
Capital Purchases	\$ -
Depreciation	\$ 44,563.00
Total	\$ 1,185,796.00
City Percentage	x 30%
	\$ 355,738.80
	/ 12
Monthly Amount	\$ 29,644.90
Invoice	\$ 28,500.00

911 Dispatch Communications Budget

<u>YEAR</u>	<u>BUDGET</u>
2008	1,042,074
2009	1,107,801
2010	1,109,413
2011	1,047,735
2012	1,045,148
2013	1,086,570
2014	1,150,231
2015	1,161,472

Represents 1.1% growth in seven (7) years

Growth from 2008 to 2015 = \$119,398

Outstanding Invoices

Dec 2014

Jan 2015

2008 - 2011



CHARTER TOWNSHIP OF PLYMOUTH

P.O. BOX 8040, Plymouth, Michigan 48170-8040
(734) 354-3227

INVOICE 9338

PLYMOUTH, CITY OF
201 S. MAIN

DATE 12/31/2014

PLYMOUTH MI 48170

AMOUNT 22,500.00

Quantity	Description	Unit Price	Amount
1.00	DEC14 PLY COMMUNICATIONS CTR	22500.00	22,500.00
		TOTAL	22,500.00

TERMS Due Upon Receipt



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CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040, PLYMOUTH, MICHIGAN 48170-8040

9338 PLYMOUTH, CITY OF

12/31/2014

CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040
PLYMOUTH MI 48170-8040

INVOICE TOTAL
22,500.00

MAKE CHECK PAYABLE TO: CHARTER TOWNSHIP OF PLYMOUTH



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CHARTER TOWNSHIP OF PLYMOUTH

P.O. BOX 8040, Plymouth, Michigan 48170-8040
(734) 354-3227

INVOICE 9347

PLYMOUTH, CITY OF
201 S. MAIN

DATE 01/09/2015

AMOUNT 28,500.00

PLYMOUTH MI 48170

Quantity	Description	Unit Price	Amount
1.00	JAN15 PLY COMMUNICATIONS CTR	28500.00	28,500.00
		TOTAL	28,500.00

TERMS Due Upon Receipt



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CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040, PLYMOUTH, MICHIGAN 48170-8040

9347 PLYMOUTH, CITY OF

01/09/2015

CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040
PLYMOUTH MI 48170-8040

INVOICE TOTAL
28,500.00

MAKE CHECK PAYABLE TO: CHARTER TOWNSHIP OF PLYMOUTH



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CHARTER TOWNSHIP OF PLYMOUTH

P.O. BOX 8040, Plymouth, Michigan 48170-8040
(734) 354-3227

INVOICE 9339

PLYMOUTH, CITY OF
201 S. MAIN

DATE 12/31/2014

PLYMOUTH MI 48170

AMOUNT 151,996.18

Quantity	Description	Unit Price	Amount
1.00	2011 RECONCILIATION	69560.67	69,560.67
1.00	2012 RECONCILIATION	39291.20	39,291.20
1.00	2013 RECONCILIATION	43144.31	43,144.31
	TOTAL		151,996.18

TERMS Due Upon Receipt



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P.O. BOX 8040, PLYMOUTH, MICHIGAN 48170-8040

9339 PLYMOUTH, CITY OF

12/31/2014

CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 8040
PLYMOUTH MI 48170-8040

INVOICE TOTAL
151,996.18

MAKE CHECK PAYABLE TO: CHARTER TOWNSHIP OF PLYMOUTH



REMITTANCE COPY

Population Data SEMCOG



[Home](#) > [Data and Maps](#) > [By Community](#) > [People](#)

View profile for: Plymouth

[Customize Profile](#)

Community Profiles City of Plymouth

201 S Main St
Plymouth, MI 48170-1637

<http://www.ci.plymouth.mi.us/>

Learn about
SEMCOG
Membership

Census 2010 Population: 9,132
Area: 2.2 square miles

[View complete print friendly profile](#)

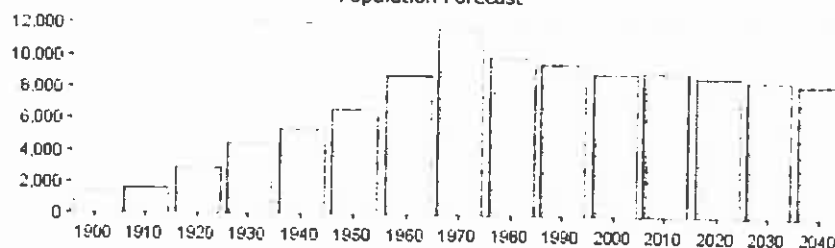
[People](#) [Economy & Jobs](#) [Housing](#) [Transportation](#) [Land Use](#) [Reference Map](#)

Link to American Community Survey (ACS) Profiles [Social](#) | [Demographic](#)

Interactive Census 2010 Maps: [Population](#) | [Youth Population](#) | [Senior Population](#)

Population and Households

Population Forecast



Note for Plymouth: Incorporated in 1931 from the Village of Plymouth. Population numbers prior to 1932 are of the village.

Source: U.S. Census Bureau and
SEMCOG 2040 Forecast produced in 2012

Move cursor over chart to view population numbers

Population and Households	Census 2010	Change 2000-2010	Pct Change 2000-2010	SEMCOG Dec 2012	SEMCOG 2040
Total Population	9,132	110	1.2%	9,168	8,369
Group Quarters Population	139	-63	-31.2%	139	124
Household Population	8,993	173	2.0%	9,029	8,245
Housing Units	4,652	154	3.4%	4,650	-
Households (Occupied Units)	4,314	-8	-0.2	4,306	4,345
Residential Vacancy Rate	7.3%	3.4%	-	7.4%	-
Average Household Size	2.08	0.04	-	2.10	1.90

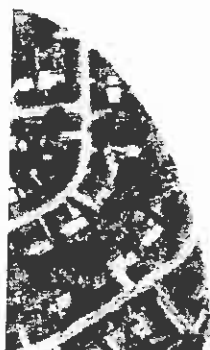
Components of Population Change	Annual Average	
	2000-2005	2006-2010
Natural Increase (Births - Deaths)	100	87
Births	250	226
Deaths	150	139
Net Migration (Movement In - Movement Out)	-199	55

- Data and Maps
 - Aerials
 - Map Catalog
 - Technical Users
 - By Subject
 - By Community
- Programs and Projects
 - Planning
 - Regional Forecast
 - Long-Range Transportation Plan
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Community Profiles Charter Township Of Plymouth

9955 N Haggerty Rd
Plymouth, MI 48170-4673

SEMCOG
Member

Census 2010 Population: 27,524
Area: 16.0 square miles

<http://www.plymouthtwp.org/>

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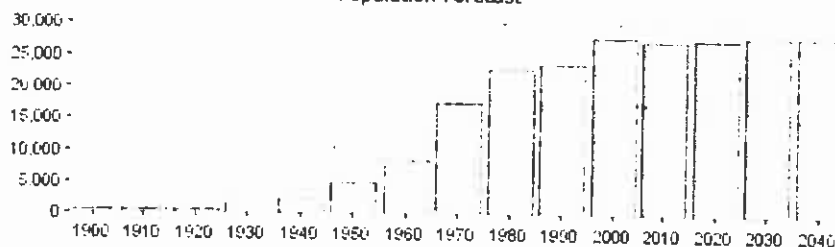
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Link to American Community Survey (ACS) Profiles: [Social & Demographic](#) 2009-2011

Interactive Census 2010 Maps: [Population](#) | [Youth Population](#) | [Senior Population](#)

Population and Households

Population Forecast



Source: U.S. Census Bureau and
SEMCOG 2040 Forecast, produced in 2012

Click and drag over chart to view population numbers

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Population and Households	Census 2010	Change 2000-2010	Pct Change 2000-2010	SEMCOG Dec 2012	SEMCOG 2040
Total Population	27,524	-274	-1.0%	27,234	28,170
Group Quarters Population	29	-936	-97.0%	29	32
Household Population	27,495	662	2.5%	27,205	28,138
Housing Units	11,708	665	6.0%	11,742	-
Households (Occupied Units)	11,203	446	4.1	11,134	11,400
Residential Vacancy Rate	4.3%	1.7%	-	5.2%	-
Average Household Size	2.45	-0.04	-	2.44	2.47

Components of Population Change	Annual Average	
	2000-2005	2006-2010
Natural Increase (Births - Deaths)	32	-30
Births	206	155
Deaths	174	185
Net Migration (Movement In - Movement Out)	-272	264
Population Change (Natural Increase + Net Migration)	-240	234

Source: Michigan Department of Community Health

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Community Profiles City of Plymouth

201 S Main St
Plymouth, MI 48170-1637

<http://www.ci.plymouth.mi.us/>

Learn about
SEMCOG
Membership

Census 2010 Population: 9,132
Area: 2.2 square miles

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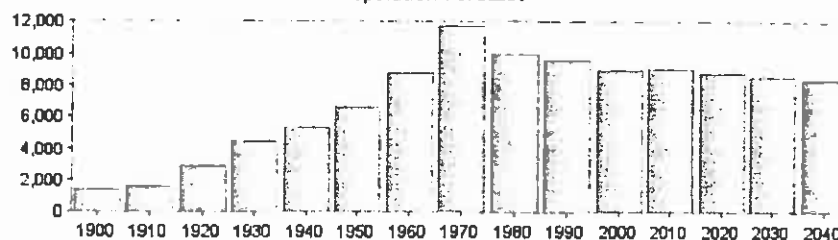
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Interactive Census 2010 Maps: [Population](#) | [Youth Population](#) | [Senior Population](#)

Population and Households

Population Forecast



Note for Plymouth: Incorporated in 1932 from the Village of Plymouth. Population numbers prior to 1932 are of the village.

Source: U.S. Census Bureau and
SEMCOG 2040 Forecast produced in 2012

Move cursor over chart to view population numbers

Population and Households	Census 2010	Change 2000-2010	Pct Change 2000-2010	SEMCOG Dec 2013	SEMCOG 2040
Total Population	9,132	110	1.2%	9,418	8,369
Group Quarters Population	139	-63	-31.2%	139	124
Household Population	8,993	173	2.0%	9,279	8,245
Housing Units	4,652	154	3.4%	4,652	-
Households (Occupied Units)	4,314	-8	-0.2%	4,416	4,345
Residential Vacancy Rate	7.3%	3.4%	-	5.1%	-
Average Household Size	2.08	0.04	-	2.10	1.90

Components of Population Change	Annual Average	
	2000-2005	2006-2010
Natural Increase (Births - Deaths)	108	98
Births	261	274
Deaths	153	175
Net Migration (Movement In - Movement Out)	-227	79



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Community Profiles

Charter Township Of Plymouth

9955 N Haggerty Rd
Plymouth, MI 48170-4673

<http://www.plymouthtwp.org/>



Census 2010 Population: 27,524
Area: 16.0 square miles

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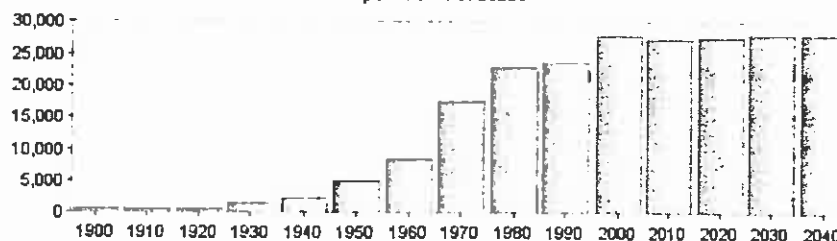
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Population and Households

Population Forecast



Source: U.S. Census Bureau and
SEMCOG 2040 Forecast produced in 2012

Ⓜ - Move cursor over chart to view population numbers

Population and Households	Census 2010	Change 2000-2010	Pct Change 2000-2010	SEMCOG Dec 2013	SEMCOG 2040
Total Population	27,524	-274	-1.0%	27,195	28,170
Group Quarters Population	29	-936	-97.0%	29	32
Household Population	27,495	662	2.5%	27,166	28,138
Housing Units	11,708	665	6.0%	11,750	-
Households (Occupied Units)	11,203	446	4.1	11,137	11,400
Residential Vacancy Rate	4.3%	1.7%	-	5.2%	-
Average Household Size	2.45	-0.04	-	2.44	2.47

Components of Population Change	Annual Average	
	2000-2005	2006-2010
Natural Increase (Births - Deaths)	27	-8
Births	203	216
Deaths	176	224
Net Migration (Movement In - Movement Out)	-316	300
Population Change (Natural Increase + Net Migration)	-288	292

Source: Michigan Department of Community Health

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Charter Township of Plymouth
Intergovernmental Services Cost Sharing Analysis - Plymouth Community Communications Center
2011

Plymouth Community Communications Center				
2011 Formula				
City Population	Data	%	12-31-11 YTD expenditures per T/B	
Avg Family Size				979,841.74
Net Adjusted Population	9153	24.80%		
Occupancy Permits Issued			Less: Clemis (Oakland County Usage, Participation, Regulatory)	2011 (17,507.75)
Township Population				
Avg Family Size			Less: Equipment Expenditures	2,722.00
Net Adjusted Population	27749	75.20%	Add: Non-capitalized expenditures	(2,722.00)
Occupancy Permits Issued			Net Expenditures applied to cost-sharing formula	959,611.99
Total Net Adj Population	36,902	100.00%	Add: Loss on Disposition of Assets	
			Add: Depreciation on Assets - See attached schedule (Net dep. Exp on 911 equip)	34,977.14
Calls Dispatched Data				Net Expense Total to be allocated per agreement
City Avg of '07, 08, 09	7000	39.08%		994,589.13
Township Avg of 07, 08, 09	10912	60.92%	City of Plymouth	
Total	17912	100.00%	% See Below	28.39%
S.E.V. Data (\$1,000s) 2010				City of Plymouth's Share of PCCC Expenses
City S.E.V.	516,431,220			282,361.75
Act 255 Abatements			ADD: 12/31/2010 Adj. 2,006.88 @ 28.12%	564.33
Act 198 Abatements	6,281,790			
Total CITY S.E.V.	522,713,010	20.96%	Less: 12 Monthly invoices @ \$25,000.00 x 12	(300,000.00)
Township S.E.V.	1,844,027,455		Net Acc Payable @ 12-31-11 as adjusted	(17,073.92)
Act 255 Abatements				
Act 198 Abatements	126,977,690			
Total Township S.E.V.	1,971,005,145	79.04%		
Total S.E.V.	2,493,718,155	100.00%		
2011 Cost-Sharing Formula				
	33.00%	34.00%	33.00%	
	Pop.	Calls	S.E.V.	Total
City Share	8.19%	13.29%	6.92%	28.39%
Township Share	24.81%	20.71%	26.08%	71.61%
Total	33.00%	34.00%	33.00%	100.00%

Charter To: City of Plymouth

Intergovernmental Services Cost Sharing Analysis - Plymouth Community Communications Center
2012

Plymouth Community Communications Center				
City Population	2012 Formula Data	%	12-31-12 YTD expenditures per T/B	
Avg Family Size			Less: Advanced Wireless Telecom invoice #20851	
Net Adjusted Population	9168	25.19%		
Occupancy Permits Issued			Less: Clemis (Oakland County Usage, Participation, Regulatory)	
Township Population			2012	
Avg Family Size			Less: Equipment Expenditures	
Net Adjusted Population	27234	74.81%	Add: Advanced Wireless Telecom invoice #20851	
Occupancy Permits Issued			Net Expenditures applied to cost-sharing formula	
Total Net Adj Population	36,402	100.00%	Add: Loss on Disposition of Assets	
			Add: Depreciation on Assets - See attached schedule (Net of dep. Exp on 911 equip)	
Calls Dispatched Data			Net Expense Total to be allocated per agreement	
City Avg of 08, 09, 10	7334	40.47%		
Township Avg of 08, 09, 10	10788	59.53%	City of Plymouth	
Total	18122	100.00%	% See Below	
S.E.V. Data (\$1,000s) 2011			City of Plymouth's Share of PCCC Expenses	
City S.E.V.	499,716,150		Advanced Wireless Telecom invoice #20851	
Act 255 Abatements				
Act 198 Abatements	4,529,870			
Total City S.E.V.	504,246,020	21.40%	Less: 12 Monthly Invoices @ \$22,500.00 x 12	
Township S.E.V.	1,756,822,165		Net Account Receivable @ 12-31-12	
Act 255 Abatements				
Act 198 Abatements	94,799,780			
Total Township S.E.V.	1,851,621,945	78.60%		
Total S.E.V.	2,355,867,965	100.00%		
2012 Cost-Sharing Formula				
	33.00%	34.00%	33.00%	
	Pop.	Calls	S.E.V.	Total
City Share	8.31%	13.76%	7.06%	29.13%
Township Share	24.69%	20.24%	25.94%	70.87%
Total	33.00%	34.00%	33.00%	100.00%

Charter Town of Plymouth
Intergovernmental Services Cost Sharing Analysis - Plymouth Community Communications Center
2013

Plymouth Community Communications Center				
2013 Formula				
City Population	Data	%	12-31-13 YTD expenditures per T/B	
Avg Family Size				1,028,701.37
Net Adjusted Population	9418	25.72%	Less: Clemis (Oakland County Usage, Participation, Regulatory)	2013 (19,170.00)
Occupancy Permits Issued				
Township Population				
Avg Family Size			Less: Equipment Expenditures	-
Net Adjusted Population	27195	74.28%	Net Expenditures applied to cost-sharing formula	1,009,531.37
Occupancy Permits Issued				
Total Net Adj Population	36,613	100.00%	Add: Loss on Disposition of Assets	
			Add: Depreciation on Assets - See attached schedule (Net of dep. Exp on 911 equip)	25,124.16
			Net Expense Total to be allocated per agreement	1,034,655.53
Calls Dispatched Data				
City Avg of 09,10,11	7840	43.19%	City of Plymouth	
Township Avg of 09,10,11	10314	56.81%	% See Below	30.2656%
Total	18154	100.00%	City of Plymouth's Share of PCCC Expenses	313,144.31
S.E.V. Data (\$1,000s) 2012				
City S.E.V.	487,160,100			
Act 255 Abatements				
Act 198 Abatements	4,216,640		Less: 12 Monthly Invoices @ \$22,500.00 x 12	(270,000.00)
Total City S.E.V.	491,376,740	21.50%	Net Account Receivable @ 12-31-2013	43,144.31
Township S.E.V.	1,612,967,657			
Act 255 Abatements				
Act 198 Abatements	181,643,610			
Total Township S.E.V.	1,794,611,267	78.50%		
Total S.E.V.	2,285,988,007	100.00%		
2013 Cost-Sharing Formula				
	33.00%	34.00%	33.00%	
	Pop.	Calls	S.E.V.	Total
City Share	8.49%	14.68%	7.09%	30.27%
Township Share	24.51%	19.32%	25.91%	69.73%
Total	33.00%	34.00%	33.00%	100.00%

Senior Bus

Total Cost - \$52,700

Wilcox (50%) - \$26,350

PCUW - \$15,000

Remainder - \$11,350

City \$5,675 / Twp \$5,675

FIRE SERVICE AGREEMENT

IGA

Inter-Governmental Agreement

ORIGINAL SIGNED
DOCUMENT

1st Modified
Intergovernmental Fire Service Agreement
Between
The Charter Township of Plymouth
and
The City of Plymouth

This Agreement entered into this 14th day of September 1999, by and between:

The Charter Township of Plymouth, 42350 E. Ann Arbor Road, Plymouth, Michigan 48170, a municipal corporation, hereinafter referred to as "the Township"; and

The City of Plymouth, 201 S. Main Street, Plymouth, Michigan 48170, a municipal corporation, hereinafter referred to as "the City".

WHEREAS, prior to November 22, 1994 the Township and City each provided fire services to their respective residents and businesses; and

WHEREAS, the Township and the City determined that fire services can be provided more effectively and at less cost if done through a consolidated service; and

WHEREAS, Public Act 8 of the Public Acts of 1967, extra session, as amended, provides the Township and City with the authority to enter into an intergovernmental agreement; and

WHEREAS, an Intergovernmental Fire Service Agreement was established between the Township and the City on November 22, 1994 by separate action of the Township Board and the City Commission; and

WHEREAS, the November 22, 1994 Intergovernmental Fire Service Agreement was in need of modification which modifications are herein contained; and

WHEREAS, this agreement continues and modifies the original November 22, 1994 agreement;

NOW THEREFORE, the Township and the City hereby agree as follows;

1. General Agreement. The Township and City agree to continue to provide fire services in accordance with the terms and conditions of this modified agreement, and both agree to continue to receive their fire services from the Plymouth Community Fire Department established by this modified agreement.

2. Definitions. For the purpose of this modified agreement, the terms in this section shall be defined as follows:

- (a) "City", "City Commission", "Mayor" and "City Manager" shall mean the City of Plymouth, its City Commission, its Mayor and its City Manager, respectively.
- (b) "Contract Year" and "Fiscal Year" shall both mean a twelve-month period during which fire services are to be rendered to each municipality, commencing on January 1st and terminating on December 1st.
- (c) "Municipality" shall mean either the City or Township, and when plural it shall mean both the City and the Township.
- (d) "Plymouth Community Fire Department", "PCFD" and "Fire Department" shall mean the intergovernmental fire service established by this agreement.
- (e) "Township", "Township Board" and Township Supervisor" shall mean the Charter Township of Plymouth, its Board of Trustees and its Supervisor, respectively.

3. Level of Fire Service. The level of fire services provided by the Fire Department shall be as follows:

- (a) Fire suppression, fire safety inspections and fire prevention education;
- (b) First responder basic life support service in support of a privately contracted ALS ambulance service, as described in Appendix A;
- (c) Initial staff of Twenty-four (24) full-time fire fighters, plus a Fire Chief, an Assistant Fire Chief, a Fire Inspector and a secretary, for a total of twenty-eight (28) full-time personnel; plus a contingency of part-paid fire fighters as may be authorized in the adoption of the annual budget. The initial authorization level is fifty-five (55) part-paid fire fighters.
- (d) Three fire stations located at Ann Arbor Road at Mill Street, Schoolcraft at Wilcox and North Territorial Road at Beck Road; and ALS ambulance contractor quarters located at City Hall;
- (e) The equipment listed in Appendix B.

The level of fire services rendered by the Fire Department to each municipality shall be essentially the same, so that the residents and

businesses of each municipality, taken as a whole, receive services on the same basis as if they were located in the other municipality. Changes in the level of the fire service may be made in accordance with Section 11 of this agreement.

4. Fire Service Insignia and Designation. The designation "Plymouth Community Fire Department" or "PCFD" shall be used in all references to the Fire Department. It shall be affixed to all buildings, vehicles and equipment where customary and practical, in lieu of any other designation; it shall be used on all official correspondence, notices and other documents of the Fire Department; and it shall be used in telephone and other directories where appropriate, including under the general listings of both the City and the Township. The conversion of the insignia on existing equipment and buildings shall be made in accordance with the budget appropriations provided for that purpose.

5. Administrative and Financial Responsibility. The Fire Department shall be administered by the Township in accordance with this agreement, and specifically as follows:

(a) Budget Approval: No later than August 1st each year, the Township shall submit to the City a proposed budget for the next fiscal year for the Fire Department. The City shall submit its comments to the Township no later than September 1st. The Township shall have the sole authority to adopt the annual Fire Department budget, in a form which is consistent with the provisions of this agreement, and taking due note of the City's comments.

(b) Projected Budget: The ten (10) year projected budget for the Plymouth Community Fire Department is attached hereto as Appendix E and made a part hereof. Provided the actual costs in any given year do not differ by more than five percent (5%) from the figures projected in the attached Appendix E, the City shall be obligated to and hereby agrees to remit its share in accordance with paragraph 7 regardless of any dispute as to any amount in excess of the five percent (5%) difference as described in paragraph (h) below.

(c) Financial Records: The Township shall maintain a complete set of accounting records for the Fire Department, in sufficient detail to meet the provisions of this agreement and the interests of the Township and the City. These records shall be open to inspection by the City at any time during the regular Township business hours upon three (3) days notice of a request to see them. The Fire Department accounting records shall be subject to an annual public audit.

(d) Personal Administration and Union Contracts: All personnel in the Fire Department shall be Township employees and subject to the Township's personnel regulations and union contracts, subject to the merger agreement reached with the City's union and the Township's union pursuant to the implementation of this agreement. The City shall be permitted to appoint one representative to the Township's union contract negotiating committee, who shall serve in an advisory capacity and be invited to attend all strategy and negotiating sessions with the committee alone, or with the union and/or Township Board.

(e) Fire Department Documents: The Township Supervisor shall furnish the City Manager with a copy of all reports, correspondence and other documents which the Township produces regarding the Fire Department. The City Manager shall furnish the Township Supervisor with a copy of all reports, correspondence and other documents which the City produces regarding the Fire Department. The recipient of these documents shall treat them in the same manner that they are treated by the provider. Documents which are confidential shall be marked as such, and shall be treated in accordance with the provider's instructions; provided, that such documents which are distributed to the Township Board shall also be distributed by the City Manager to the City Commission.

(f) Payments for Service: The City shall pay its annual estimated cost for Fire Department services in twelve (12) equal monthly payments, based on the cost sharing formula provided in this agreement. Payments shall be due on or before the fifteenth (15th) day of each month. The Township may add a service charge of one percent (1%) on the first day of each month to any balance which is in arrears.

(g) Final Statement: Immediately following the completion of the annual audit, the Township shall submit a final statement to the City regarding the total costs for the Fire Department for the year being audited. The statement shall include a copy of the audit, a detailed revenue and expense report if not provided by the audit, a detailed statement concerning the current equipment equity of the city if not provided by the audit, a summary of the amounts owed and paid by the City for the year being audited, and the balance payment or refund due. The amount payable or refundable shall be netted with the next month's City payment.

(h) Budget Correction: If there is a difference of more than five percent (5%) between the projected budget and actual costs a request may be forwarded by the Township to the City for the payment of the City's share of any amount in excess of the five percent (5%) difference between the actual costs and the projected budget for that calendar year. Sufficient information shall be provided by the Township to enable the City to evaluate the request

and to make a determination as to its reasonableness. Within forty-five (45) days of the receipt by the City of the request for approval and payment of the amount in excess of the five percent (5%) difference between the projected budget and the actual costs the City shall approve or disapprove the request. Failure of the City to act on a request within forty-five (45) days shall be deemed a disapproval unless a longer period is agreed to by the Township which time extension shall not be unreasonably withheld. Upon first disapproval of the request by the City a second request may be submitted by the Township to the City. Upon a second disapproval of the request the matter shall be submitted to binding mediation as provided in subparagraph (i).

(i) Mediation: The only dispute resolution applicable to the issue described in paragraph (h) above shall be binding mediation. Each party (the Township and the City) shall select one mediator. The parties jointly shall select a third (neutral) mediator. A brief summary of the pertinent facts as well as any necessary backup material shall be supplied to the three mediators and the opposing party at least five (5) days before the matter is to be heard by the mediators. Only at the mediators request shall statements be made. Oaths shall not be administered. The hearing shall be set at the discretion of the mediators. The basis for the decision of the mediators shall be whether the amount in excess of the five percent (5%) difference described in subparagraph (h) is or was "reasonable to effectuate the standard of service described in this agreement". Paragraph 9 shall not apply to the difference described in subparagraph (h) or this resolution mechanism described in subparagraph (i). The City and the Township hereby agree that absent fraud, duress or coercion a final majority decision of the mediators is binding and enforceable in a court of competent jurisdiction.

(j) Act 312, Legislation or Court Order: Should the amounts in the projected budget differ as a result of binding arbitration under Public Act 312 of the Public Acts of 1969, a valid and enforceable court order or legislation the net effect of which is to increase the cost of operation of the Plymouth Community Fire Department, then both communities shall be bound by those higher costs and subparagraph (h) above shall not apply.

(k) Health Care Costs: The parties recognize that medical benefits/health care costs are likely to increase and will be the subject of negotiation or re-negotiation from time to time over the period of this agreement. Such negotiations or re-negotiations with health care providers may result in benefits that are the same or substantially corresponding. The parties also recognize that the cost for these same medical benefits or substantially corresponding benefits are difficult to predict within a reasonable degree of certainty over the tenure of this contract.

(l) Replacement: This modified agreement replaces the November 22, 1994 agreement.

(m) Budget Look Back: Every three (3) years the projected budgets (Appendix E) will be adjusted to reflect expenses that have been or will be incurred pursuant to Section 5, paragraph (j). The projected budget will also be adjusted to reflect changes that have been approved by the City and the Township during the annual budget process, or changes that have been approved through the mediation process.

6. Ordinances, Codes and Enforcement. It is the intent of the Township and the City that the Fire Department should operate under a single set of ordinances, codes and policies, and should have the same legal authority in both jurisdictions, to the greatest extent possible, on the basis that it is in the best interest of both communities and their respective citizens that this be done. Therefore, the Township and the City agree to make every effort to maintain identical ordinances and regulations related to the Fire Department to the greatest extent possible which is consistent with each jurisdiction's needs to provide for the health, safety and welfare of its citizens. To this end, the Township and the City agree as follows:

(a) The City agrees to take all known necessary steps to authorize the Fire Department and its personnel to operate within the City on the same basis as in the Township.

(b) The Township agrees to provide the City with a copy of the Township ordinances and building and safety codes, which are related to the operations of the Fire Department. The Township agrees to notify the City each time it intends to modify such ordinances and codes, with a copy of the proposed amendment or change, and the legal and operational rationale for it.

(c) The City agrees to maintain all City ordinances and building safety codes, which are related to the operation of the Fire Department, in the same form as equivalent Township ordinances and codes, unless the City determines for good and sufficient reason that it is in the best interests of the City to maintain a variation in such ordinances and codes. In such case, the city shall notify the township in writing of the specific nature of such variation and reason for it. If the City determines that a variation is necessary, then the Township agrees that the Fire Department shall enforce the City version within the City on the same basis that it enforces the Township version within the Township.

(d) The Township Supervisor and the City Manager shall coordinate the consideration of such amendments and changes by their respective boards, so that the adoption of such amendments and changes become effective on the same date to the greatest extent possible.

7. Basis for Sharing Fire Service Costs. It is the intent of the Township and the City that the costs of the Fire Department be shared on an equitable basis that represents the amount of the benefit derived by each party from those services, and which results in both parties receiving an equitable share of the benefits from improved services and reduced costs. To that end, it is agreed that the cost of the Fire Department shall be shared as follows:

(a) The annual Fire Department budget shall be prepared on the basis of the first annual operating budget, as presented in Appendix C, and in accordance with the following:

(1) Grants received by the Plymouth Community Fire Department, or by the Township or the City on behalf of the Plymouth Community Fire Department, shall be treated as general Fire Department revenues.

(2) Fire Department revenues including State and Federal aid, which cannot be attributed directly to the Township or to the City shall be treated as general Fire Department revenues.

(3) Fire Department revenues including State and Federal aid, which can be attributed directly to the Township or to the City shall be treated as Township or City fire revenues respectively.

(4) The net operating budget shall be the total Fire Department budget less the general Fire Department revenues, and less the capital outlay and depreciation reserve expenses.

(5) The cost sharing formula described in subsection (b) below shall be applied to the net operating budget to determine the gross operating share for the Township and the City. The City fire revenues shall be subtracted from the City gross operating share, and twenty-five percent (25%) of the capital outlay and depreciation reserve expenses shall be added to the City gross operating share, to determine the City net share, which shall be the basis for the City's twelve monthly payments to the Township.

(b) The formula for sharing the net operating budget shall be determined as follows:

(1) Thirty-three percent (33%) of the net operating budget shall be charged to the City in proportion to the City's population as a percentage of the total City and Township population. For any given fiscal year, the population shall be based on the most recent U.S. Census figures, plus the average family size based on those figures

multiplied by the number of new dwelling unit occupancy permits issued by the Township and the City from the year of the most recent census through the year prior to the previous calendar year, inclusive. For example, the 1995 formula would use the 1990 Census figures, plus the occupancy permit adjustments for 1990, 1991, 1992 and 1993.

(2) Thirty-four percent (34%) of the net operating budget shall be charged to the City in proportion to the total fire and emergency runs in the City as a percentage of the total City and Township fire and emergency runs, averaged for the three (3) most recent calendar years prior to the previous calendar year. For example, for the 1995 formula, the average runs would be based on 1991, 1992 and 1993.

(3) Thirty-three percent (33%) of the net operating budget shall be charged to the City in proportion to the total State Equalized Valuation (S.E.V.) for the City as a percentage of the total City and Township S.E.V. for the previous calendar year. For any given calendar year, the total S.E.V. shall include all real and personal property S.E.V., including all S.E.V. which is captured by a downtown development authority or a tax increment financing authority, or which is subject to a Commercial or Industrial Facilities Tax Abatement. For example, for the 1995 formula, the 1994 S.E.V. would be used.

(4) Regardless of the factors provided in subsections (1) through (3) above, the City's share shall not be less than twenty-five percent (25%).

8. City and Township Equity in Assets. The City and Township shall share interest in the capital equipment of the Fire Department, on the following basis:

(a) A Schedule of Equipment Equity is shown in Appendix B, consisting of the equipment contributed by the Township and the City to the Plymouth Community Fire Department to implement this agreement, including the date of purchase and the original book value (purchase price), the depreciation, and the resulting initial equity of each party. The City will convey the title to all equipment included in this agreement to the Township.

(b) In each Fire Department budget covered by this agreement, an amount of capital outlay for new and replacement equipment shall be itemized. The equipment purchased with these appropriations shall be added to the Schedule of Equipment Equity, showing the date of purchase, the original book value (purchase price), and the depreciation rate which will be applied

to the equipment. The value received for any equipment on the Schedule which is sold shall be added to the depreciation reserve balance.

(c) The City shall contribute twenty-five percent (25%) of the capital outlay and depreciation reserve expense in the Fire Department budgets covered by this agreement, and shall acquire the same proportion of equity interest in the new equipment and the depreciation cash reserve.

(d) The Township's annual report to the City shall include a copy of the current Schedule of Equipment detailing the basis of the City's current total equity in the Fire Department at the end of that fiscal year.

(e) Upon termination of this agreement, the City shall receive its current share of the equipment equity, in the manner provided in Section 11 for terminating this agreement.

9. Procedure for Resolving Policy and Operating Problems. There is hereby created a board to be known as the Plymouth Community Fire Department Board. The purpose of this board is to hear testimony related to any problem which the City may bring before it related to the services being provided by the Fire Department. The PCFD Board shall consist of two (2) members appointed by the Township, two (2) members appointed by the City, and a fifth member selected by the four. If the City experiences a problem with the services being provided by the Fire Department, the problem shall be resolved in accordance with the following procedures:

Step A. The City Manager shall attempt to resolve the problem with the Fire Chief. The City Manager shall notify the Township Supervisor that this step is being initiated.

Step B. If the problem is not resolved in Step A, then the City Manager shall attempt to resolve the problem with the Township Supervisor.

Step C. If the problem is not resolved in Step B, then the City Manager shall request a meeting of the Plymouth Community Fire Department Board. The City Manager shall make such request in writing to the Township Supervisor, who shall schedule a meeting of the PCFD Board within fourteen (14) calendar days of such request, in accordance with the Michigan Open Meetings Act.

At such meeting, the Fire Chief, the Township Supervisor and the City Manager shall each present whatever information they may each deem appropriate, and shall furnish a summary of such presentation in writing to the PCFD Board. The PCFD Board shall prepare a written report and recommendation concerning the problem, which shall be submitted to both

the Township Supervisor and the City Manager within fourteen (14) calendar days of the meeting. The City Manager shall notify the Township Supervisor in writing, within twenty-one (21) calendar days of receiving the recommendation, either that the City accepts the recommendation, or that the City requests to proceed to Stop D.

Step D. If the problem is not resolved in Step C, then the City Commission and the Township Board shall meet in joint session within thirty (30) calendar days to resolve the problem.

10. Liability. The Township shall each be responsible for providing insurance liability coverage for the Fire Department, in the amounts and under the terms specified in Appendix D.

11. Modification, Duration and Termination of This Agreement.

(a) This agreement may be modified at any time by mutual approval of both the Township Board and the City Commission.

(b) This agreement shall continue in effect at least until December 31, 2006. Thereafter, this agreement shall continue in effect on an annual basis, unless either party gives written notice to the other on or before December 31st of any year, that it wishes to terminate this agreement effective on January 1st of the second year following the year in which the notice is given.

(c) Upon termination of this agreement, the Township shall owe the City the amount of equipment equity interest which the City had in the Fire Department as of the date of termination, in accordance with the Schedule of Equipment Equity. Final settlement of the payment of the City's equity interest shall be made no later than thirty (30) days after the date of termination. Settlement shall be made as follows:

(1) The City shall receive any equipment on the Schedule of Equipment Equity which it contributed originally, valued at the current book value as of the date of termination.

(2) If the City's equity interest exceeds the value of equipment described in (1) above, then not later than March 1st of the last fiscal year before termination, the Township shall provide a list of any equipment not originally contributed by the City, which the Township may wish to offer as part of the equity settlement; or the Township may provide a statement that it desires to retain all such equipment.

The City shall notify the Township no later than April 1st if it desires to accept any of the listed equipment as part of the equity settlement. Any such equipment accepted by the City shall be valued at the current book value as of the date of termination.

(3) If the City's equity exceeds the value of the equipment described in (1) and (2) above, then the Township shall buy the City's remaining equity interest for cash. The Township may pay the City the total amount owed no later than thirty (30) days after the date of termination; or the Township may enter into an agreement with the City prior to that date, providing for payment of the amount owed in ten annual installments due in January of each calendar year following the last year of this agreement, and with interest on the unpaid balance at a rate equal to the average rate of equipment loan obligations incurred by the City in the process of the termination of this agreement, or at the average rate which could be obtained from three local banks if no actual City obligations have been incurred, whichever average rate is lower.

(4) Upon completion of the audit for the last fiscal year before termination of this agreement, the Township shall submit its report as provided in Section 5(e), and shall include in its final statement any adjustment in the payment for equipment equity which may be necessary based on the audited accounts.

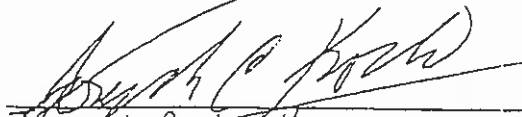
(d) Upon termination of this agreement, the allocation of Plymouth Community Fire Department employees shall be made in accordance with the merger agreement reached with the City's union and the Township's union pursuant to the implementation of this agreement.

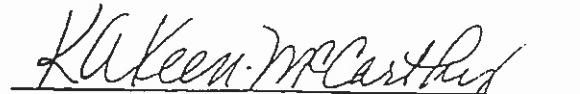
(e) Post Termination Health Care/Retirement Benefit Costs: Upon termination of this agreement, any post termination health care costs, medical benefit costs or retirement related costs attributable to service by employees performed under this agreement shall be shared on the same basis as costs incurred during the term of this agreement.

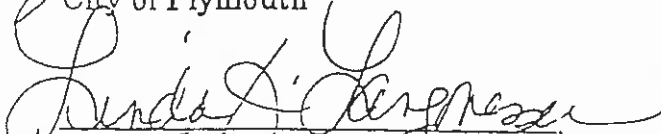
12. Severability. Should any provision, paragraph, section or part of this agreement be found void or unenforceable by a court of competent jurisdiction the remainder shall continue in full force and effect.


This agreement was approved and the execution of it was authorized by the Resolution of the Plymouth Township Board on the _____ day of _____, 1999; and by the Resolution of the Plymouth City Commission on

the 17th day of August, 1999; in witness whereof the parties hereto have placed their hands and seals below:


JOSEPH C. KOCH, Mayor
City of Plymouth


Kathleen Keen McCarthy, Supervisor
Charter Township of Plymouth


LINDA J. CARONESSE, Clerk
City of Plymouth


Marilyn Massengill, Clerk
Charter Township of Plymouth



HURON VALLEY
AMBULANCE

2215 Hogback Road
Ann Arbor, MI 48105
(313) 971-4420

A Nonprofit
Community Service

Accredited by the
Commission on Accreditation
of Ambulance Services

APPENDIX A

Under the Intergovernmental Fire Service Agreement, Huron Valley Ambulance (HVA) will continue to provide advanced life support paramedic ambulance service to the residents of the community, on a similar basis as they did to the Township and City of Plymouth individually.

HVA ambulances will be based in the City Hall fire station, which will be known as the community's "ambulance center". Ambulances based there will serve the entire northwest Wayne County area. The City will provide indoor facilities for ambulance storage, as well as offices, and crew facilities for HVA staff. HVA will deal directly with the Chief of the Plymouth Community Fire Department (PCFD) regarding the use and upkeep of this facility.

As with HVA's former independent agreements with the City and Township, HVA will maintain 24-hour paramedic ambulance coverage for the entire community fire department service area and PCFD will continue to provide medical first responder service in both the City and Township. If Plymouth-based ambulances are busy or unable to respond, an additional HVA ambulance will be relocated to a position in or near the Plymouth community to provide timely coverage. Back up ambulances normally require 10-15 minutes to get into position.

HVA understands that the PCFD will maintain ambulance transport capability, in the event that HVA's ambulances are unable to respond in a timely manner to emergency requests. HVA will work closely with the Chief of the department to insure that the frequency of fire department transports is kept at a minimum.

HVA will continue to encourage emergency medical requests to be called directly to 9-1-1. 9-1-1 dispatchers are encouraged to forward medical emergency calls to our dispatch center through a one-button transfer process so that community residents can receive medical self-help instructions. HVA will also maintain, at its expense, a direct telephone line for communication between your 9-1-1 centers and HVA's communications center.

The success of HVA's operation in the community depends upon sufficient use of their resources. In addition to the Plymouth community, HVA continues to provide services to the residents of Northville and Salem Townships, as well as a number of hospitals, urgent care centers and nursing homes. It is HVA's intent to continue to offer service to adjacent local units of government and other facilities requiring ambulance service.

APPENDIX B

EQUIPMENT

Contributor	Purchase Price	Book Value	Percent	Equity Adjustment	Adjusted Book Value	Percent
City of Plymouth	\$560,875	\$270,524	27.49%	(\$64,079)	\$206,445	25.00%
Plymouth Township	\$1,005,650	\$555,257	72.51%	\$64,079	\$619,336	75.00%
Total PCFD	\$1,566,525	\$825,781	100.00%	\$0	\$825,781	100.00%

*The Equity Adjustment will be a credit against the first year's charges to the City.

A complete breakdown of all equipment follows this summary page.

The following definitions were used:

Book Value - The current value of an item based on the estimated useful life and using straight line depreciation.

Reserve Required - The replacement value of a piece of equipment at the replacement year. If this value is not known, the replacement value assumes that the cost will increase 3% each year from the date of purchase until the date of replacement.

Depreciation Expense/Year - The reserve required divided by the number of years remaining until replacement.

1995 Capital - 1995 expenses for equipment for which no equity reserve exists.

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
CITY INVENTORY								
Miscellaneous								
70 x 36 Executive Desk	\$933	0		0				
Executive Swivel	\$550	0		0				
36" Lateral Files	\$1,094	0		0				
TV/VCR/stand	\$900	1984		0				
Motorola Handi Talkies	\$4,496	1990	10	2,690	2000	6,404	1,281	
50' Lengths 2 1/2" hose	\$10,750	1980	25	4,730	2005			
50' Lengths 1 1/2" hose	\$3,129	1985	25	2,003	2010			
Resusci Ann Doll	\$1,100	1991	8	688	1999	DO NOT REPLACE		
Pontiac Safari Van	\$14,000	1994	5	14,000	1999	17,663	4,416	
Motorola Two Way Radio (Max Trac)	\$499	1994	10	499	2004	711	79	
Deacon Light Bar	\$700	1994	5	700	1999	835	209	
Aerial Platform Truck Sulphur TS100	\$240,345	1979	25	86,130	2004	501,074	64,653	
500' of 1 1/2" hose	\$745	1980	25	320	2005			
500' of 5" Snap Tie Hose	\$6,000	1985	25	3,840	2010			
850' of 2 1/2" Hose	\$1,075	1983	25	1,050	2008			
Mobile Radio	\$1,935	1980	10	0	1990	2,750		2,750
5" Intake Relief Valve	\$935	1985	25	590	2010			
2 1/2" Nozzle	\$825	1980	25	363	2005			
4' Snap Tie Hydrant Adapter	\$600	1980	25	264	2005			
3 Way Slamese	\$937	1975	25	225	2000			
30 Minute Scoll Pak	\$3,790	1983	25	2,122	2008			
Vac Fan	\$910	1980	20	273	2000	DO NOT REPLACE		
Salvage Covers	\$503	1975	10	0	1985	830		830
Ford E-350 Type III Rescue Vehicle	\$54,445	1986	11	0	1994	72,250		72,250
Motorola Two Way Radio	\$1,935	1986	10	387	1996	2,756	2,756	
Collapsible Stretcher	\$875	1986	8	0	1994	1,161		1,161
30 Min Scoll Pak	\$3,790	1985	25	2,426	2010			
Defibrillator	\$4,225	1992	8	3,169	2000	5,607	1,121	
Force 5 2 Way Radio/Decoder	\$900	1986	10	180	1998			
Holmatro Jaws/Spreader/Generator	\$11,000	1986	20	6,600	2008	22,315	2,029	
Air Bags	\$800	1986	8	0	1994	1,062		1,062

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Positive Pressure Vent Fan	\$1,060	1990	20	848	2010	2,150	143	
Ford F-150 5/8 Ton Truck	\$7,500	1982	5	0	1987	DO NOT REPLACE		
Mobile Radio	\$1,935	1982	10	0	1992	DO NOT REPLACE		
American LaFrance Pumper 1,250 gal		1976	dispose	0		DO NOT REPLACE		
1250 Gal. Plarco Arrow Pumper	\$139,775	1988	25	106,229	2013	330,395	10,800	
Mobile Radio	\$1,935	1988	10	774	1998	2,756	919	
30 Mln. Scoll Paks	\$11,370	1983	25	6,367	2008			
26 Ft. Extension Ladder	\$625	1988	25	475	2013			
2 1/2" Fog Nozzle	\$825	1988	25	627	2013			
2 1/2" Straight Stream Nozzles	\$1,650	1988	25	1,254	2013			
1 1/2" Fog Nozzles	\$1,075	1988	25	1,425	2013			
2 1/2" Deluge Gun	\$1,555	1988	20	1,089	2008	3,154	243	
1800 ft. 2 1/2" Hose	\$4,500	1988	25	1,980	2005			
550 ft. 1 1/2" Hose	\$820	1985	25	525	2010			
500 ft 5" Snap Tight Hose	\$6,000	1985	25	3,840	2010			
15 ft. Soft Suction Hose	\$600	1988	25	456	2013			
1 1/2" Cellar Nozzle	\$649	1975	25	150	2000			
Generator	\$1,000	1988	10	400	1998			
Spare Scoll Tanks	\$800	1984	10	0	1994			
TOTAL CITY	\$560,875			\$270,524		\$1,062,670	\$96,647	\$70,059
				32.76%				
TOWNSHIP INVENTORY								
4 TO 2 1/2 inch adapter	\$500	1973	25	80	1998			
5 inch hose	\$800	1980	25	352	2005			
5 inch hose	\$510	1992	25	469	2017			
5 inch hose	\$510	1992	25	469	2017			
5 inch hose	\$510	1992	25	469	2017			
5 inch hose	\$510	1992	25	460	2017			
5 inch hose	\$523	1990	25	439	2015			
5 inch hose	\$510	1992	25	469	2017			
5 inch hose	\$523	1990	25	439	2015			
5 inch hose	\$523	1990	25	439	2015			

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1996 Capital
1 inch hose	\$000	1989	25	640	2014			
1 inch hose	\$000	1980	25	352	2005			
1 inch hose	\$000	1980	25	352	2005			
1 inch hose	\$000	1980	25	352	2005			
1 inch hose	\$000	1980	25	352	2005			
1 inch hose	\$000	1980	25	352	2005			
1 inch hose	\$000	1980	25	352	2005			
1 inch hose	\$523	1990	25	439	2015			
1 inch hose	\$510	1992	25	469	2017			
1 inch hose	\$510	1992	25	469	2017			
1 inch hose	\$510	1992	25	469	2017			
1 inch hose	\$510	1992	25	409	2017			
1 inch to 2 1/2 inch slamese	\$642	1978	25	231	2003			
1 inch to 2 1/2 inch slamese	\$642	1978	25	231	2003			
1 inch to 3-2 1/2 inch gated	\$642	1978	25	26	1995			
1 to 2 1/2 inch slamese	\$700	1978	25	252	2003			
6 inch keystone valve	\$500	1970	25	20	1995			
6 to 2 1/2 inch slamese	\$700	1976	25	196	2001			
STATION 1								1,145
Ambulance Col - Sta 1	\$063	1987	0	100	1995	1,145		
Base Radio	\$2,000	1985	15	800	2000	3,400	600	
Base Radio	\$2,000	1974	15	0	1989	DACK-UP		
Computer	\$1,125	1993	3	750	1996	1,251	1,251	
Computer	\$2,000	1991	5	800	1996	2,387	2,387	
Computer - 2778	\$1,100	1991	5	440	1996	1,313	1,313	
Defibrillator module reader	\$795	1992	0	596	2000	1,055	211	
Pierce Pumper - Sta 1	\$201,210	1992	25	105,121	2017	407,140	22,143	
Printer	\$279	1991	5	112	1996	333	333	
Printer	\$600	1991	5	240	1996	716	716	
Resuscitator	\$850	1992	0	638	2000	1,120	226	
Training Overlays	\$063	1986	10	173	1996			
STATION 2								
Acetylene Torch Kit	\$700	1976	25	106	2001	1,695	202	
Air Compressor	\$1,615	1987	20	1,050	2007	3,270	273	
Base Radio	\$2,000	1974	15	0	1989			

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Encoder	\$656	1983	15	175	1998	1,115	372	
Extension Ladder	\$600	1972	25	72	1997			
Extension Ladder	\$600	1972	25	72	1997			
Floor Jack	\$1,495	1987	10	449	1997			
Foam Generator	\$900	1978	10	0	1988			
Generator	\$1,200	1978	10	0	1988			
Porto-powr	\$500	1977	10	0	1987			
Porto-powr	\$500	1977	10	0	1987			
Printer	\$449	1991	3	0	1994	490		409
Rosco smoke Machine	\$627	1987	20	400	2007	1,272	106	
STATION 3								
Antenna and Tower	\$7,157	1991	20	6,083	2011			
Base Radio	\$5,000	1992	15	4,333	2007	8,499	709	
Breathing Air Center	\$20,973	1991	20	24,627	2011	50,774	3,673	
Computer	\$1,000	1990	5	200	1995	1,193		1,193
Desktop station - RADIO	\$3,575	1992	10	2,860	2002	5,092	727	
Encoder	\$656	1983	10	0	1993	834		834
Printer	\$600	1989	3	0	1992	607		607
Scoll Pack	\$845	1972	25	101	1997			
Scoll Pack	\$845	1972	25	101	1997			
Scoll Pack	\$845	1972	25	101	1997			
Scoll Pack	\$845	1972	25	101	1997			
Scoll Pack	\$845	1972	25	101	1997			
Chevy Caprice - 800	\$14,070	1992	5	8,442	1997	16,792	8,396	
Light bar	\$777	1992	10	622	2002	1,107	150	
Mobile Radio	\$1,663	1988	10	665	1998	2,369	790	
Prep Radio	\$800	1992	10	640	2002	1,139	163	
Scoll Pack	\$1,257	1990	25	1,056	2015			
Pumper - 001	\$76,650	1972	25	9,198	1997	185,569	92,785	
Deck Gun	\$1,705	1974	20	0	1994	3,459		3,459
Extension Ladder	\$500	1973	25	80	1988			
Generator	\$1,200	1979	10	0	1989			
k-1200 saw	\$500	1989	25	400	2014			
Mobile Radio	\$1,600	1974	10	0	1984			
Prep Radio	\$657	1983	10	0	1993	936		936

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Scott Pack	\$845	1972	25	101	1997			
Scott Pack	\$845	1972	25	101	1997			
Scott Pack	\$845	1972	25	101	1997			
Scott Pack	\$845	1972	25	101	1997			
Pumper - 802 AERIAL	\$89,813	1970	25	3,593	1995	DO NOT REPLACE		
Bangor Ladder	\$1,200	1972	25	144	1997			
Extension Ladder	\$600	1972	25	72	1997			
Generator	\$1,200	1970	10	0	1980			
Ladder pipe	\$827	1971	25	66	1996			
Mobile Intercom	\$1,000	1981	10	0	1991	1,424		1,424
Mobile Radio	\$1,600	1980	10	0	1990	2,279		2,279
Prep Radio	\$800	1992	10	640	2002	1,139	163	
Scott Pack	\$845	1972	25	101	1997			
Pick up truck - 807	\$10,191	1990	6	6,064	1996	22,491	22,491	
Light bar	\$560	1990	10	336	2000	790	160	
Mobile Radio	\$845	1990	10	507	2000	1,204	241	
Positive Pressure Vent	\$1,505	1989	20	1,189	2009	3,215	230	
Prep Radio	\$840	1988	10	330	1998	1,196	309	
Chevy Caprice - 808	\$11,383	1988	5	0	1990	16,213	5,404	
Mobile Radio	\$845	1990	10	507	2000	1,204	241	
Prep Radio	\$657	1983	10	0	1993	038		038
Ambulance - 813	\$69,750	1994	0	69,750	2002	92,560	13,223	
Ambulance Col	\$1,330	1990	0	665	1990	1,765	588	
Defibrillator	\$5,000	1991	0	3,125	1999	6,635	1,659	
Defibrillator	\$4,170	1993	8	3,649	2001	5,534	922	
Mobile Radio	\$845	1989	10	423	1999			
Mobile Radio	\$845	1989	10	423	1999			
Prep Radio	\$840	1988	10	336	1998	1,196	399	
Prep Radio	\$840	1988	10	336	1998	1,196	399	
Scott Pack	\$845	1972	25	101	1997			
Scott Pack	\$845	1972	25	101	1997			
Pumper - 821	\$67,000	1978	25	0	2003	DO NOT REPLACE		
k-1200 saw	\$641	1989	25	513	2014			
Mobile Radio	\$1,600	1980	10	0	1990	2,279		2,279
Ambulance - 823	\$44,250	1986	8	0	1994	70,000		70,000

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Ambulance Col	\$1,330	1990	8	665	1990	1,765	580	
Defibrillator	\$5,000	1991	8	3,125	1999	6,635	1,659	
Mobile Radio	\$845	1989	10	423	1999	1,204	301	
Mobile Radio	\$845	1989	10	423	1999	1,204	301	
Prep Radio	\$800	1991	10	560	2001	1,139	190	
Prep Radio	\$840	1992	10	672	2002	1,196	171	
Scott Pack	\$799	1988	25	607	2013			
Scott Pack	\$845	1972	25	101	1997			
Pierce Pumper - 831	\$152,764	1989	25	122,211	2014	369,841	19,465	
k-1200 saw	\$641	1984	25	385	2009	1,552	111	
Mobile Radio	\$1,350	1992	10	1,080	2002	1,923	275	
Positive Pressure Vent	\$953	1994	20	953	2014	1,933	102	
Scott Pack	\$837	1988	25	636	2013			
Scott Pack	\$845	1988	25	642	2013			
Scott Pack	\$799	1988	25	607	2013			
Scott Pack	\$799	1988	25	607	2013			
Scott Pack	\$837	1988	25	636	2013			
Scott Pack	\$845	1972	25	101	1997			
Scott Pack	\$837	1988	25	636	2013			
Ambulance - 833	\$60,546	1992	8	45,410	2000	80,346	18,080	
Ambulance Col	\$1,499	1992	8	1,124	2000	1,909	398	
Mast Rouser	\$510	1993	8	446	2001	677	113	
Mobile Radio	\$627	1992	10	502	2002	893	128	
Mobile Radio	\$627	1992	10	502	2002	893	120	
Stretcher Chair	\$520	1992	8	390	2000	690	130	
Deluge gun	\$1,700	1992	20	1,530	2012			
Deluge Set - 2511	\$1,500	1978	20	300	1998			
Jaws Motor/Jaws	\$5,701	1978	20	1,141	1998	11,569	3,856	
Jaws shears	\$2,200	1985	20	1,210	2005	4,463	446	
Mobile Radio	\$777	1992	10	622	2002	1,107	158	
Ram Rescue Tool	\$1,995	1992	20	1,796	2012	4,047	230	
Mobile Radio	\$745	1984	10	0	1994	1,061		1,061
Mobile Radio	\$745	1984	10	0	1994	1,061		1,061
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Mobile Radio	\$1,350	1984	10	0	1994	1,923		1,023
Prep Radio	\$800	1991	10	560	2001	1,139	190	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$657	1983	10	0	1993	804		804
Scott Pack	\$1,257	1990	25	1,056	2015			
Scott Pack	\$1,257	1990	25	1,056	2015			
Scott Pack	\$825	1980	25	363	2005			
Scott Pack	\$825	1980	25	303	2005			
Prep Radio	\$5,200	1989	10	2,044	1999	7,532	1,803	
Prep Radio	\$657	1983	10	0	1993	804		804
k-1200 suw - 2741	\$641	1989	25	513	2014			
TOTAL TOWNSHIP	\$1,005,650			\$555,257 67.24%		\$1,547,975	\$231,030	\$97,037
COMBINED PCFD INVENTORY	\$1,566,525			\$825,701		\$2,810,653	\$328,277	\$175,895

APPENDIX C 1995 BUDGET

<u>Account Name</u>	
Salary - Managerial	114,531
Salary - Supervisory	409,725
Salary - Non - Supervisory	547,614
Salary - Clerical	22,540
Salary - Part - Time	41,200
Overtime	50,000
Act 504 pay	41,585
Food	15,750
Clothing	12,650
Holiday	40,858
Fringe Benefits	182,440
Pension - Non Rep.	20,585
Pension - Fire	143,601
Social Security	99,191
Workmen's Compensation	62,515
Office Supplies	10,000
Extinguisher Recharging	2,500
Laundry / Uniforms	12,000
Maintenance - Grounds	12,000
Legal	20,000
Physicals	2,000
Rescue Supplies	5,000
Equipment Repair & Maint	8,000
Telephone	9,251
Auto Expense	30,000
Travel Expense	500
Community Service	1,500
Utilities	42,901
Education / Training	15,000
Equipment Purchases	235,895
Small Tools	1,500
Transfer to Equipment Fund	323,277
 Total Expenditures	 2,541,278
	=====

<u>CITY SHARE</u>	
Total Expenses	2,541,278
Less Capital	-323,277
	-235,895
Operating Expenses	1,977,106
Cost Share 27.87%	0.2787
City Share of Operating Expenses	551,019
Equipment Share @ 25%	141,043
Subtotal	692,062
Equity Credit	(54,079)
1995 City Share	\$627,983
 1995 Township Share	 \$1,913,295

ASSUMPTIONS:

Manpower

- 1 No early retirements are assumed.
- 2 Fire Service has one extra firefighter until the position is eliminated through attrition.
- 3 The rank of Captain contains two extra firefighters who will eventually be replaced by entry level firefighters.

Equipment

- 1 There is assumed to be no cash in the equipment fund. First year purchases will be charged directly to expense. This means that 1995 expenses will require approximately \$250K less for equipment.
- 2 Transfers to the Equipment Fund are accelerated to allow for enough money to fund new purchases as scheduled.

Miscellaneous

- 1 Budget does not include 1994 start-up costs.

APPENDIX D

LIABILITY INSURANCE COVERAGE

The Charter Township of Plymouth shall provide insurance protection for the Plymouth Community Fire Department with the following coverages and limits.

1. Workers Compensation Insurance, including Employers Liability Coverage in accordance with all applicable statutes of the State of Michigan.
2. General Liability Insurance on an Occurrence Basis, covering all elected and appointed officials, officers, employees and volunteers, with limits not less than \$10,000,000 per occurrence with no aggregate limit applying.
3. Errors and Omissions Insurance on an Occurrence Basis, covering all elected and appointed officials, officers, employees and volunteers with limits not less than \$10,000,000 per occurrence with no aggregate limits applying.
4. Automobile Liability including Michigan No-Fault Coverages with limits not less than \$10,000,000 per occurrence, combined single limit for Bodily Injury and Property Damage. Coverage shall include all owned, non-owned, and hired vehicles.
5. Property Insurance covering all fire equipment and eligible fire and emergency vehicles on a replacement cost basis with no co-insurance requirements.

APPENDIX E

Plymouth Community Fire Department

Accl #	Account Name	1998	1999	2000	2001	2002	2003	2004	2005
703	Salary - Managerial	130,100	134,042	146,062	151,904	157,900	164,299	170,871	177,706
705	Salary - Supervisory	446,631	469,640	544,329	566,102	500,746	612,296	630,665	649,585
706	Salary - Non - Supervisory	765,980	842,370	736,744	750,847	902,907	965,223	1,123,636	1,183,320
707	Salary - Clerical	29,255	27,905	31,000	32,323	33,616	34,961	36,359	37,814
700	Salary - Part - Time	22,264	51,500	30,000	29,400	20,012	20,236	27,671	27,118
709	Overtime	130,707	100,116	17,793	16,907	14,167	13,483	14,161	13,316
	FLSA Overtime			11,862	12,268	13,812	14,607	16,244	16,971
709	Act 604 pay		63,233	67,203	69,640	70,301	82,085	92,146	96,318
709	Food/(Clothing)	27,575	31,200	31,200	31,200	36,153	36,153	36,153	41,375
	Holiday			77,102	79,742	89,780	94,943	105,583	110,314
709	eml+d		17,855	19,216	19,074	22,376	23,663	26,315	27,494
	Longevity			11,720	13,320	14,320	15,080	16,240	17,800
	Sick Buy Back			27,000	27,010	29,044	30,740	31,662	33,912
714	Fringe Benefits	190,250	199,995	277,507	290,133	353,329	380,468	411,448	495,167
714.01	Pension - Non Rep.	0,036	24,292	26,571	27,634	20,739	29,889	31,085	32,328
714.02	Pension - Fire	100,094	170,552	192,161	190,742	223,760	236,620	263,145	274,936
715	Social Security	90,211	132,947	133,901	130,421	153,040	161,917	170,069	186,128
720	Workmen's Compensation	20,295	69,490	62,533	64,590	72,625	76,664	85,017	88,955
727	Office Supplies	10,072	15,450	12,000	12,360	12,731	13,113	13,506	13,911
747	Eslingulsher Recharging	363	2,000	2,000	2,060	2,122	2,185	2,251	2,319
750	Laundry / Uniforms	10,972	15,000	60,000	12,240	10,405	12,734	12,909	76,249
776	Maintenance - Grounds	45,063	20,000	30,000	30,900	31,027	32,702	33,765	34,778
026	Legal	9,419	25,000	10,000	10,000	10,000	25,000	10,000	10,000
035	Physicals	1,751	2,500	2,500	2,500	3,000	3,060	3,121	3,865
836	Rescue Supplies	9,590	0,000	10,000	10,200	10,001	10,201	10,002	10,202
051	Equipment Repair & Maint	7,432	16,223	15,000	15,750	16,530	17,364	18,233	19,144
853	Telephone	10,250	13,650	19,361	19,942	20,540	21,157	21,791	22,445
863	Auto Expense	41,130	30,000	43,643	44,953	46,301	47,690	49,121	50,595
873	Travel Expense		500	500	515	530	546	563	580
005	Community Service	3,400	3,000	3,500	3,605	3,713	3,825	3,939	4,057
921	Utilities	33,931	43,200	35,990	37,070	38,190	39,336	40,516	41,731
960	Education / Training	14,769	10,000	10,000	10,540	20,023	20,624	21,243	21,880
970	Equipment Purchases	273							
979	Small Tools		1,500	1,500	1,500	1,500	1,500	1,500	1,500
980	Transfer to Public Improve	381,647	101,352	327,044	427,852	267,520	260,359	150,281	49,946
999	Contingency								
	Total Expenditures	2,669,967	2,890,657	3,035,190	3,106,949	3,346,297	3,513,612	3,689,291	3,873,757
			0.27%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

Plymouth Community Fire Department

Acct #	Account Name	2006	2007	2008	2009
703	Salary - Managerial	104,014	102,207	199,095	207,091
705	Salary - Supervisory	675,569	702,591	730,695	752,616
706	Salary - Non - Supervisory	1,257,667	1,339,815	1,400,991	1,471,324
707	Salary - Clerical	39,326	40,099	42,535	44,236
708	Salary - Part - Time	26,575	26,044	25,523	25,012
709	Overtime	14,045	13,965	14,630	15,206
	FLSA Overtime	17,900	10,911	19,012	20,592
709	Act 604 pay	101,509	107,319	112,465	116,901
709	Food/(Clothing)	41,375	41,375	42,616	42,616
	Holiday	110,352	122,923	120,777	133,040
709	oml+d	20,999	30,636	32,095	33,359
	Longevity	10,760	19,600	21,200	22,200
	Sick Buy Back	34,929	35,977	30,356	39,507
714	Fringe Benefits	533,314	590,790	636,170	604,741
714.01	Pension - Non Rep.	33,621	34,966	36,365	37,019
714.02	Pension - Fire	209,905	306,361	320,953	333,591
715	Social Security	195,679	205,964	215,552	223,792
720	Workmen's Compensation	93,714	90,071	103,543	107,545
727	Office Supplies	14,329	14,750	15,201	15,657
747	Extinguisher Recharging	2,300	2,460	2,534	2,610
750	Laundry / Uniforms	13,514	13,784	14,060	14,341
776	Maintenance - Grounds	35,022	36,096	38,003	39,143
826	Legal	10,000	25,000	10,000	10,000
835	Physicals	3,942	4,021	4,101	4,183
836	Rescue Supplies	10,003	10,203	10,004	10,204
851	Equipment Repair & Maint	20,101	21,107	22,162	23,270
853	Telephone	23,110	23,012	24,526	25,262
863	Auto Expense	52,113	53,676	55,206	56,945
873	Travel Expense	597	615	633	652
885	Community Service	4,179	4,305	4,434	4,567
921	Utilities	42,903	44,273	45,601	46,969
960	Education / Training	22,536	23,212	23,909	24,626
978	Equipment Purchases				
979	Small Tools	1,500	1,500	1,500	1,500
980	Transfer to Public Improve	106,105	61,094	02,150	115,760
999	Contingency				
	Total Expenditures	4,067,445	4,270,017	4,484,350	4,708,576
		5.00%	5.00%	5.00%	5.00%

Plymouth Community Fire Department
Schedule of Equipment Equity

Item	Purchase Price	Year Purchased	Actual Life in Years	Replacement Year	Reserve Required	Depreciation Expense Year	1995 Actual	1995 Value	1996 Value	1997 Value	1998 Value	1999 Value	2000 Value
Motorola Handi Talkies	\$4,496	1990	10	2000	6,404	1,281	1,281	1,281	1,281	1,281	1,281	1,281	861
Pontiac Safari Van	\$14,000	1994	6	2000	10,299	3,660	4,416	4,416	3,156	3,156	3,156	3,156	3,642
Motorola Two Way Radio (Max Trac)	\$499	1994	10	2004	711	79	79	79	79	79	79	79	79
Dencon Light Bar	\$700	1994	5	1999	835	209	209	209	209	209	194	194	194
Aerial Platform Truck Sulphen TS100	\$240,345	1979	25	2004	501,074	64,653	64,653	64,653	64,653	64,653	64,653	64,653	64,653
Ford E-350 Type III Rescue Vehicle	\$54,445	1986	8	1995	DO NOT REPLACE		2,756	X	X	X	X	X	X
Defibrillator	\$4,225	1992	8	2000	5,607	1,121	1,121	1,121	1,121	1,121	1,121	1,121	888
Holmatro Jaws/Spreaders/Generator	\$11,000	1986	20	2006	22,315	2,029	2,029	2,029	2,029	2,029	2,029	2,029	2,029
Air Bags	\$800	1986	8	1995	1,062		1,062	X	160	X	X	X	X
Positive Pressure Vent Fan	\$1,060	1990	20	2010	2,150	143	143	143	143	143	143	143	143
Ford F-150 5/8 Ton Truck	\$7,500	1982	5	1987	DO NOT REPLACE		X	X	X	X	X	X	X
Mobile Radio	\$1,935	1988	10	1998	2,756		919	919	X	X	X	X	X
Deluge gun	\$1,555	1988	20	2008	3,154		243	243	X	X	X	X	X
1250 Gal. Pierce Arrow Pumper	\$139,775	1988	25	2013	338,395	10,800	10,800	10,800	10,800	10,800	10,800	10,800	10,800
STATION 1													
Ambulance Col - Sta 1	\$863	1987	12	1999	2,600	424	0	424	424	424	1,752	309	309
Base Radio	\$2,000	1985	15	2000	3,400	600	600	600	X	X	X	X	X
Computer	\$1,125	1993	4	1997	1,296	648	1,251	448	365	X	X	X	X
Computer	\$2,000	1991	6	1997	2,473	1,236	2,387	854	492	X	X	X	X
Computer - 2770	\$1,100	1991	6	1997	1,360	600	1,313	470	271	X	X	X	X
Defibrillator module reader	\$795	1992	8	2000	1,055	211	211	211	211	211	211	211	167
Pierce Pumper - Sta 1	\$201,210	1992	25	2017	487,140	22,143	22,143	22,143	22,143	22,143	22,143	22,143	22,143
Printer	\$279	1991	7	1998	357	119	333	119	119	63	63	63	63
Printer	\$600	1991	7	1998	769	256	716	256	256	135	135	135	135
Resuscitator	\$850	1992	8	2000	1,120	226	226	226	226	226	226	226	179
STATION 2													
Acetylene Torch Kit	\$700	1976	25	2001	1,695	282	282	282	X	X	X	X	X
Air Compressor	\$1,615	1987	20	2007	3,276	273	273	273	X	X	X	X	X
Encoder	\$656	1983	15	1998	1,115	377	372	372	X	X	X	X	X
Itasca smoke Machine	\$677	1987	20	2007	1,272	106	106	106	106	106	106	106	106
STATION 3													
Air Compressor	\$4,000	1995	10	2005	5,697	570	4,000	0	570	570	570	570	570
Map Case	\$1,500	1995	15	2010	2,550	170	1,500	0	170	X	X	X	X
Base Radio	\$5,000	1992	15	2007	8,499	700	708	708	708	708	708	708	700
Breathing Air Center	\$20,973	1991	20	2011	50,774	3,673	3,673	3,673	3,673	3,673	3,673	3,673	3,673
Desktop station - RADIO	\$3,575	1992	10	2002	5,092	727	727	727	727	727	727	727	727
Chevy Caprice - 806	\$14,070	1992	10	2002	20,040	2,063	8,396	8,396	615	658	658	658	658
Light bar	\$777	1992	10	2002	1,107	158	158	158	158	158	158	158	158
Mobile Radio	\$1,663	1988	10	1998	2,369	790	790	790	790	790	318	318	318

**Plymouth Community Fire Department
Schedule of Equipment Equity**

Item	Purchase Price	Year Purchased	Useful Life in Years	Replacement Cost	Reserve Required	Depreciation Expense	1995 Capitalized	1996	1997	1998	1999	2000
Prep Radio	\$800	1992	10	2002	1,139	163	163	163	163	163	163	163
Pumper - 801	\$76,650	1972	27	1999	300,000	75,000	92,785	92,785	6,801	53,814	53,814	24,681
Pumper - 802 AERIAL	\$89,813	1970	25	1995	DO NOT REPLACE		X	X	X	X	X	X
Prep Radio	\$800	1992	10	2002	1,139	163	163	163	163	163	163	163
Pick up truck - 807	\$18,191	1990	11	2001	26,041	4,474	22,491	11,650	0	0	0	0
Light bar	\$560	1990	10	2000	798	160	160	160	160	160	160	107
Mobile Radio	\$845	1990	10	2000	1,204	241	241	241	241	241	241	162
Prep Radio	\$840	1988	10	1998	1,196	399	399	399	X	X	X	X
Posiliva Pressuro Vent	\$1,585	1989	20	2009	3,215	230	230	230	230	230	230	230
Chevy Caprice - 808	\$11,383	1988	5	1999	17,000	4,250	5,404	3,502	3,502	4,592	3,942	3,942
Mobile Radio	\$845	1990	10	2000	1,204	241	241	241	241	241	241	162
Ambulance - 833	\$69,750	1994	8	2002	92,560	13,223	13,223	13,223	13,223	13,223	13,223	13,223
Ambulance Col	\$1,330	1990	8	2002	3,000	429	588	588	588	309	309	309
Defibrillator	\$5,000	1991	8	1999	6,635	1,659	1,659	1,659	1,659	1,659	1,051	1,051
Defibrillator	\$4,170	1993	8	2001	5,534	922	922	922	922	922	922	922
Prep Radio	\$840	1988	10	1998	1,196	399	399	399	X	X	X	X
Prep Radio	\$840	1988	10	1998	1,196	399	399	399	X	X	X	X
Ambulance - 823	\$70,000	1995	8	2003	92,892	11,611	70,000	0	11,611	11,611	11,611	11,611
Ambulance Col	\$1,330	1990	8	2003	3,200	400	588	588	588	287	287	287
Defibrillator	\$5,000	1991	8	1999	6,635	1,659	1,659	1,659	1,659	1,659	1,051	1,051
Prep Radio	\$800	1991	10	2001	1,139	190	190	190	190	190	190	190
Prep Radio	\$840	1992	10	2002	1,196	171	171	171	171	171	171	171
Mobile Radio	\$845	1989	10	1999	1,204	301	301	301	X	X	X	X
Mobile Radio	\$845	1989	10	1999	1,204	301	301	301	X	X	X	X
Pierce Pumper - 831	\$152,764	1989	25	2014	369,841	19,465	19,465	19,465	19,465	19,465	19,465	19,465
k-1200 saw	\$641	1984	25	2009	1,552	111	111	111	111	111	111	111
Mobile Radio	\$1,350	1992	10	2002	1,923	275	275	275	275	275	275	275
Posiliva Pressuro Vent	\$953	1994	20	2014	1,933	102	102	102	102	102	102	102
Ambulance - 833	\$60,546	1997	7	1999	77,554	19,388	16,069	16,069	42,721	2,695	13,626	13,626
Ambulance Col	\$1,499	1997	8	2000	1,989	398	398	398	398	398	398	315
Mast Trough	\$510	1993	8	2001	677	113	113	113	113	113	113	113
Mobile Radio	\$627	1992	10	2002	893	128	128	128	128	128	128	128
Mobile Radio	\$627	1992	10	2002	893	128	128	128	128	128	128	128
Mobile Radio	\$777	1992	10	2002	1,107	158	158	158	158	158	158	158
Stretcher Chair	\$520	1992	8	2000	690	138	138	138	X	X	X	X
Jaws Motor/Jaws	\$5,703	1978	20	1998	11,569	3,056	3,056	3,856	X	X	X	X
Jaws Shears	\$2,200	1985	20	2005	4,463	446	446	446	X	X	X	X
Ram Rescue Tool	\$1,995	1992	20	2012	4,047	238	238	238	238	238	238	238
Prep Radio	\$733	1984	10	1998	804	268	0	268	X	X	X	X

**Plymouth Community Fire Department
Schedule of Equipment Equity**

Item	Purchase Price	Year Purchased	Useful Life (Years)	Replacement Cost	Reserve	Depreciation Expense	1995	1996	1997	1998	1999	2000
Prep Radio	\$733	1984	10	1990	804	260	0	260	X	X	X	X
Prep Radio	\$733	1984	10	1990	804	260	0	260	X	X	X	X
Prep Radio	\$733	1984	10	1990	804	260	0	260	X	X	X	X
Prep Radio	\$733	1984	10	1990	804	260	0	260	X	X	X	X
Prep Radio	\$733	1984	10	1990	804	260	0	260	X	X	X	X
Prep Radio	\$800	1991	10	2001	1,139	190	190	190	190	190	190	190
Prep Radio	\$812	1994	10	2004	1,157	129	129	129	129	129	129	129
Prep Radio	\$812	1994	10	2004	1,157	129	129	129	129	129	129	129
Prep Radio	\$812	1994	10	2004	1,157	129	129	129	129	129	129	129
Prep Radio	\$812	1994	10	2004	1,157	129	129	129	129	129	129	129
Prep Radio	\$5,288	1989	10	1999	7,532	1,883	1,883	1,883	X	X	X	X
Prep Radio	\$657	1983	10	1998	804	260	0	260	X	X	X	X
Printer	\$890	1995	3	1998	998	333	X	333	333	333	354	354
Monitor	\$1,519	1995	3	1998	1,609	563	X	563	563	563	615	615
4HP Blaster PPV	\$1,059	1995	10	2005	1,508	151	X	151	151	151	151	151
Custom Mobile FM Panel	\$3,914	1995	10	2005	5,575	557	X	557	557	557	557	557
5 Mattress Sels	\$2,519	1995	8	2003	3,343	418	X	418	418	418	418	418
96 Crown Vic-Chief	\$19,468	1995	5	2000	23,234	4,647	X	4,647	4,647	4,647	4,647	4,647
MSA Pass Device Mot	\$1,560	1996	8	2004	2,070	259	X	1,560	230	230	230	259
Holpoint Refrigerator	\$665	1996	10	2006	947	95	X	665	88	88	88	95
Carbon Monoxide Monitor/case (1)	\$2,069	1996	8	2004	2,746	343	X	2,069	305	305	305	343
12" Cutoff Saw	\$890	1996	8	2004	1,181	148	X	890	131	131	131	148
Lateral File - 5 drawer HON	\$796	1996	8	2004	1,056	132	X	X	117	117	117	132
Maxtrac 300 VHF 32	\$655	1996	8	2004	869	109	X	X	97	97	97	109
Honda Engine	\$3,997	1996	7	2003	5,120	731	X	X	640	640	640	731
100' of 5" hose	\$2,930	1996	15	2011	4,980	332	X	X	311	311	311	332
Resuscitation Jr	\$495	1996	5	2001	591	118	X	X	98	98	98	118
Roof Ladders 20'	\$549	1996	10	2006	782	78	X	X	71	71	71	78
4500 PSI Pint Cylinder x 8	\$2,400	1996	8	2004	3,185	398	X	X	354	354	354	398
Air Compressor	\$2,640	1996	8	2004	3,503	438	X	X	389	389	389	438
Gas Detectors	\$1,026	1996	5	2001	1,224	245	X	X	204	204	204	245
Substation Telephone System	\$10,000	1998	10	2008	14,243	1,424	X	X	10,000	1,096	1,096	1,424
La-Z-Boy Lounge Chairs	\$3,000	1997	8	2005	3,981	498	X	X	3,000	398	398	498
Re-Crystal Radios	\$11,500	1997	8	2004	15,100	1,888	X	X	11,500	X	X	X
Pick-Up Truck	\$29,048	1997	7	2004	37,208	5,315	X	X	17,500	15,682	4,134	5,315
Light Bar for pick-up truck	\$710	1997	7	2004	909	130	X	X	X	101	101	130
Portable Radio	\$2,002	1997	7	2004	2,564	366	X	X	X	285	285	366
Mobile Truck Radio	\$560	1997	7	2004	717	102	X	X	X	80	80	102
Truck Cap	\$1,000	1997	7	2004	1,281	183	X	X	X	142	142	183

Plymouth Community Fire Department
Schedule of Equipment Equity

Item	Purchase Price	Year Purchased	Useful Life (Yr)	Replacement Year	Reserve Required	Depreciation Expense (Yr)	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020
Analyzer Adapter	\$1,940	1997	10	2007	2,763	276	X	X	X													
Antenna	\$750	1997	10	2007	1,060	107	X	X	X													
Intercom System	\$1,030	1997	10	2007	1,470	140	X	X	X													
Spring Reel	\$750	1997	5	2002	095	179	X	X	X													
Pentium PC (replacement)	\$2,004	1997	3	2000	2,220	743	X	X	X													
Pentium PC (replacement)	\$2,004	1997	3	2000	2,220	743	X	X	X													
Pentium PC (replacement)	\$2,004	1997	3	2000	2,228	743	X	X	X													
Turbo Jet Fire Hose	\$3,660	1997	5	2002	4,370	076	X	X	X													
MFIRS software	\$1,495	1997	5	2002	1,704	357	X	X	X													
100 Ft of 5" snap line hose (3)	\$ 1,950	1999	15	2014	3,315	221	X	X	X													
Stainless Steel Indian Pumps (4)	\$ 970	1999	5	2004	1,150	232	X	X	X													
Rocker Recliners (3)	\$ 1,800	1999	0	2007	2,309	299	X	X	X													
Box Spring & Mattress	\$ 400	1999	5	2004	477	95	X	X	X													
Carpeting Station #2	\$ 1,000	1999	0	2007	1,327	166	X	X	X													
Gas Slove Station #2	\$ 450	1999	10	2009	641	64	X	X	X													
Honda Generator	\$ 700	1999	0	2007	929	116	X	X	X													
Milwaukee Sawzalls (3)	\$ 810	1999	5	2004	967	193	X	X	X													
MSA Pass/Motion Devices (17)	\$ 2,125	1999	0	2007	2,020	352	X	X	X													
Ceiling Fans Station #1 App Rm	\$ 1,150	1999	10	2009	1,630	164	X	X	X													
Ceiling Fans Station #2 App Rm	\$ 1,150	1999	10	2009	1,630	164	X	X	X													
Ceiling Fans Station #3 App Rm	\$ 2,630	1999	10	2009	3,746	375	X	X	X													
Gas Generator Station #2	\$ 25,000	1998	10	2008	35,607	3,561	X	X	X													
Overhead Projector	\$ 500	1999	10	2009	712	71	X	X	X													
Gas Generator Station #1	\$ 25,000	1998	10	2008	35,607	3,561	X	X	X													
Soot Air Packs	\$ 100,000	2000	15	2015	169,979	11,332	X	X	X													
Digital Camera	\$ 1,000	1999	5	2004	1,193	239	X	X	X													
Color Printer	\$ 1,000	1999	5	2004	2,140	430	X	X	X													
RESERVE REQUIREMENT	\$1,655,203																					
Adjusted Reserve Requirement																						
Reserve Utilized																						
Ending Balance Reserve																						

Plymouth Community Fire Department
Schedule of Equipment Equity

Item	2001	2002	2003	2004	2005	2006	2007	2008	2009
Motorola Handi Talkies	861	861	861	861	861	861	861	861	861
Pontiac Safari Van	3,642	3,642	3,642	3,642	3,642	4,348	4,348	4,348	4,348
Motorola Two Way Radio (Max Trac)	96	96	96	96	96	96	96	96	96
Deacon Light Bar	194	194	194	225	225	225	225	225	225
Aerial Platform Truck Sulphen TS 100	64,653	64,653	64,653	48,733	48,733	48,733	48,733	48,733	48,733
Ford E-350 Type III Rescue Vehicle	X	X	X	X	X	X	X	X	X
Defibrillator	888	888	888	888	888	888	888	1,125	1,125
Holmatro Jaws/Sprender/Generator	2,029	2,029	2,029	2,029	2,029	2,015	2,015	2,015	2,015
Air Bags	X	X	X	X	X	X	X	X	X
Positive Pressure Vent Fan	143	143	143	143	143	143	143	143	143
Ford F-150 5/8 Ton Truck	X	X	X	X	X	X	X	X	X
Mobile Radio	X	X	X	X	X	X	X	X	X
Deluge gun	X	X	X	X	X	X	X	X	X
1250 Gal. Pierce Arrow Pump	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800
STATION 1									
Ambulance Cot - Sta 1	309	309	309	309	309	309	309	309	309
Base Radio	X	X	X	X	X	X	X	X	X
Computer	X	X	X	X	X	X	X	X	X
Computer	X	X	X	X	X	X	X	X	X
Computer - 2778	X	X	X	X	X	X	X	X	X
Defibrillator module rentier	167	167	167	167	167	167	167	212	212
Pierce Pump - Sta 1	22,143	22,143	22,143	22,143	22,143	22,143	22,143	22,143	22,143
Printer	63	63	63	63	77	77	77	77	77
Printer	135	135	135	135	166	166	166	166	166
Resuscitator	179	179	179	179	179	179	179	226	226
STATION 2									
Acetylene Torch Kit	X	X	X	X	X	X	X	X	X
Air Compressor	X	X	X	X	X	X	X	X	X
Encoder	X	X	X	X	X	X	X	X	X
Rosco Smoke Machine	106	106	106	106	106	106	115	115	115
STATION 3									
Air Compressor	570	570	570	570	766	766	766	766	766
Map Case	X	X	X	X	X	X	X	X	X
Base Radio	708	708	708	708	708	708	883	883	883
Breathing Air Contol	3,673	3,673	3,673	3,673	3,673	3,673	3,673	3,673	3,673
Desktop station - RADIO	727	684	684	684	684	684	684	684	684
Chevy Caprice - 806	658	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693
Light bar	158	149	149	149	149	149	149	149	149
Mobile Radio	318	318	318	318	318	318	318	428	428

Plymouth Community Fire Department
Schedule of Equipment Expenditure

Item	2001	2002	2003	2004	2005	2006	2007	2008	2009
Prep Radio	163	153	153	153	153	153	153	153	153
Pumper - 801	24,681	24,681	24,681	24,681	24,681	24,681	24,681	24,681	24,681
Pumper - 802 AERIAL	X	X	X	X	X	X	X	X	X
Prep Radio	163	153	153	153	153	153	153	153	153
Pick up truck - 807	3,378	3,378	3,378	3,378	3,378	3,378	3,378	3,378	3,378
Light bar	107	107	107	107	107	107	107	107	107
Mobile Radio	162	162	162	162	162	162	162	162	162
Prep Radio	X	X	X	X	X	X	X	X	X
Positive Pressure Vent	230	230	230	230	230	230	230	230	290
Chevy Caprice - 808	3,942	3,942	3,942	4,569	4,569	4,569	4,569	4,569	4,569
Mobile Radio	162	162	162	162	162	162	162	162	162
Ambulance - 833	13,223	14,656	14,656	14,656	14,656	14,656	14,656	14,656	14,656
Ambulance Cot	309	475	475	475	475	475	475	475	475
Defibrillator	1,051	1,051	1,051	1,051	1,051	1,051	1,331	1,331	1,331
Defibrillator	876	876	876	876	876	876	876	876	1,110
Prep Radio	X	X	X	X	X	X	X	X	X
Prep Radio	X	X	X	X	X	X	X	X	X
Ambulance - 823	11,611	11,611	14,709	14,709	14,709	14,709	14,709	14,709	14,709
Ambulance Cot	207	207	507	507	507	507	507	507	507
Defibrillator	1,051	1,051	1,051	1,051	1,051	1,051	1,331	1,331	1,331
Prep Radio	153	153	153	153	153	153	153	153	153
Prep Radio	171	161	161	161	161	161	161	161	161
Mobile Radio	X	X	X	X	X	X	X	X	X
Mobile Radio	X	X	X	X	X	X	X	X	X
Pierce Pumper - 831	19,465	19,465	19,465	19,465	19,465	19,465	19,465	19,465	19,465
k-1200 saw	111	111	111	111	111	111	111	111	130
Mobile Radio	275	258	258	258	258	258	258	258	258
Positive Pressure Vent	102	102	102	102	102	102	102	102	102
Ambulance - 833	13,626	13,626	13,626	13,626	13,626	16,758	16,758	16,758	16,758
Ambulance Cot	315	315	315	315	315	315	315	399	399
Mask trower	107	107	107	107	107	107	107	107	136
Mobile Radio	128	120	120	120	120	120	120	120	120
Mobile Radio	128	120	120	120	120	120	120	120	120
Mobile Radio	158	149	149	149	149	149	149	149	149
Stretcher Chair	X	X	X	X	X	X	X	X	X
Jaws Motor/Jaws	X	X	X	X	X	X	X	X	X
Jaws Shears	X	X	X	X	X	X	X	X	X
Ram Rescue Tool	238	238	238	238	238	238	238	238	238
Prep Radio	X	X	X	X	X	X	X	X	X

Plymouth Community Fire Department
Schedule of Equipment Entry

Item	2001	2002	2003	2004	2005	2006	2007	2008	2009
Prep Radio	X	X	X	X	X	X	X	X	X
Prep Radio	X	X	X	X	X	X	X	X	X
Prep Radio	X	X	X	X	X	X	X	X	X
Prep Radio	X	X	X	X	X	X	X	X	X
Prep Radio	X	X	X	X	X	X	X	X	X
Prep Radio	153	153	153	153	153	153	153	153	153
Prep Radio	129	129	129	155	155	155	155	155	155
Prep Radio	129	129	129	155	155	155	155	155	155
Prep Radio	129	129	129	155	155	155	155	155	155
Prep Radio	129	129	129	155	155	155	155	155	155
Prep Radio	X	X	X	X	X	X	X	X	X
Prep Radio	X	X	X	X	X	X	X	X	X
Printer	397	397	397	397	397	397	397	397	397
Monitor	672	672	672	672	672	672	672	672	672
4HP Blaster PPV	151	151	151	151	203	203	203	203	203
Custom Mobile FM Panel	557	557	557	557	749	749	749	749	749
5 Mattress Sets	410	410	410	529	529	529	529	529	529
96 Crown Vic-Chief	5,307	5,307	5,307	5,307	6,245	6,245	6,245	6,245	6,245
MSA Pass Device Mol	259	259	259	259	328	328	328	328	328
Hotpoint Refrigerator	95	95	95	95	95	127	127	127	127
Carbon Monoxide Monitor/case (3)	343	343	343	343	435	435	435	435	435
12" Cut-off Saw	140	140	140	140	187	187	187	187	187
Lateral File - 5 drawer HON	132	132	132	132	167	167	167	167	167
Maxtrac 300 VHF 32	109	109	109	109	138	138	138	138	138
Honda Engine	731	731	731	900	900	900	900	900	900
100' of 5" hose	332	332	332	332	332	332	332	332	332
Resuscitation Jr	110	137	137	137	137	159	159	159	159
Roof Ladders 20'	70	70	70	70	70	105	105	105	105
4500 PSI Del Cylinders x 10	504	504	504	504	504	504	504	504	504
Air Compressor	430	430	430	430	555	555	555	555	555
Gas Detectors	245	204	204	204	204	329	329	329	329
Substation Telephone System	1,424	1,424	1,424	1,424	1,424	1,424	1,424	1,914	1,914
La-Z-Boy Lounge Chais	490	490	490	490	630	630	630	630	630
Re-Crystal Radios	X	X	X	X	X	X	X	X	X
Pick-Up Truck	5,315	5,315	5,315	5,315	6,537	6,537	6,537	6,537	6,537
Light Bar for pick-up truck	130	130	130	130	160	160	160	160	160
Portable Radio	366	366	366	366	451	451	451	451	451
Mobile Truck Radio	102	102	102	102	126	126	126	126	126
Truck Cap	103	103	103	103	225	225	225	225	225

Plymouth Community Fire Department
Schedule of Equipment Equity

Item	2001	2002	2003	2004	2005	2006	2007	2008	2009
Analyzer Adapter	276	276	276	276	276	276	371	371	371
Antenna	107	107	107	107	107	107	144	144	144
Intercom System	148	148	148	148	148	148	199	199	199
Spring Reel	179	179	208	208	208	208	241	241	241
Pentium PC (replacement)	812	812	812	887	887	887	887	887	887
Pentium PC (replacement)	812	812	812	887	887	887	887	887	887
Pentium PC (replacement)	812	812	812	887	887	887	887	887	887
Turbo Jet Flo Hose	876	876	1,015	1,015	1,015	1,015	1,177	1,177	1,177
MFIRS software	357	357	414	414	414	414	480	480	480
100 Ft of 5" snap flo hose (3)	221	221	221	221	221	221	221	221	221
Stainless Steel Indian Pumps (4)	232	232	232	232	260	260	260	260	311
Rocker Recliners (3)	299	299	299	299	299	299	370	378	378
Box Spring & Mattress	95	95	95	95	111	111	111	111	120
Carpelling Station #2	166	166	166	166	166	166	210	210	210
Gas Stove Station #2	64	64	64	64	64	64	64	64	86
Honda Generator	116	116	116	116	116	116	147	147	147
Milwaukee Sawzalls (3)	193	193	193	193	224	224	224	224	260
MSA Pass/Motion Devices (17)	352	352	352	352	352	352	447	447	447
Celling Fans Station #1 App Rm	164	164	164	164	164	164	164	164	220
Celling Fans Station #2 App Rm	164	164	164	164	164	164	164	164	220
Celling Fans Station #3 App Rm	375	375	375	375	375	375	375	375	503
Gas Generator Station #2	3,561	3,561	3,561	3,561	3,561	3,561	3,561	4,785	4,785
Overhead Projector	71	71	71	71	71	71	71	71	96
Gas Generator Station #1	3,561	3,561	3,561	3,561	3,561	3,561	3,561	4,785	4,785
Scott Air Packs	11,332	11,332	11,332	11,332	11,332	11,332	11,332	11,332	11,332
Digital Camera	239	239	239	239	277	277	277	277	321
Color Printer	430	430	430	430	490	490	490	490	577
RESERVE REQUIREMENT	\$203,061	\$208,847	\$270,809	\$255,767	\$250,311	\$263,203	\$204,000	\$288,161	\$260,010
Adjusted Reserve Requirement	427,052	420,520	420,350	416,020	419,046	400,105	401,094	421,021	417,260
Reserve Utilized	41,217	136,532	104,234	874,262	56,502	151,465	42,568	100,218	28,979
Ending Balance Reserve	1,511,073	1,642,069	1,790,194	1,074,213	1,067,657	1,022,297	1,041,623	1,023,555	1,110,344

Summary

Amount payable / due from
City as of 12/31/2011

DUE TO/FROM CITY OF PLYMOUTH
FOR JOINT FIRE DEPARTMENT TERMINATION
February 28, 2015

<u>SUMMARY</u>	<u>WITHOUT INTEREST as of 12/31/2011</u>	<u>WITH INTEREST/DISCOUNT RATE as of 12/31/2014</u>	
City Equipment Originally Contributed Section 11 c 1	retuned to City	retuned to City	
City's Equity Interest in Joint Fire Dept Equipment Section 11 c 3 - Book Value Township purchase City's equity for cash	(87,491.12)	(88,810.06)	0.5%
Equipment Reserve Fund Section 8 c Return of City's 25% portion of reserve	(106,288.90)	(107,891.22)	0.5%
Post Termination Health Care (OPEB) Section 11 e	2,384,339.64	2,682,057.82	4%
Post Termination Retirement Benefit (MERS) Section 11 e			
City hired firefighters - over payment as 12/31/2011	113,216.59	114,923.34	0.5%
Township hired firefighters - as of 12/31/2011	769,949.50	969,914.62	8%
Post Termination - Earned but Unpaid PTO (Paid Time Off) City's 25% portion of unpaid PTO	113,509.04	115,220.20	0.5%
Cumulative Joint Fire Dept Unpaid Invoices 2008 through 2011 cumulative total	57,125.74	57,986.92	0.5%
	<hr/>	<hr/>	
TOTAL	3,244,360.49	3,743,401.63	

Fire Department Employees

1995 - 2011

Date for Joint Fire Department - February 5, 1995

EMPLOYEE LIST

Date of Report - 2/26/2015

Former Employee	City/Twp	Date of Hire	Retirement Date	Calculation of Hire Date to Retirement Date	Months	Termination Date	Rehire Date	Joint Years	Months	MERS PENSION
City DB										
Belsky, Donald	City	6/14/1969	12/31/1995	26 yr 7 mo	319			0 yr 11 mo	11	City
Deagon, Robert	City	6/2/1969	4/2/1994	24 yr 10 mo	298	Died 10/26/1998		0 yr 0 mo	0	City
Eldridge, Doug	City	6/1/1977	5/31/2005	28 yr 0 mo	336			10 yr 4mo	124	City
Lenaghan, Thomas	City	7/7/1973	9/7/1994	21 yr 2 mo	254			0 yr 0 mo	0	City
Matthews, Alan	City	7/22/1967	5/1/2000	32 yr 9 mo	393			5 yr 3 mo	63	City
Morrissey, John	City	6/6/1969	12/31/1995	26 yr 7 mo	319	Died 4/10/2010		0 yr 0 mo	11	City
Valensky, James	City	3/20/1980	7/31/2007	27 yr 4 mo	328			12 yr 6 mo	150	City
Warren, William	City	3/17/1980	9/1/2005	25 yr 5 mo	305			10 yr 7 mo	127	City
TWP Retired DC										
Honke, Fred	Twp	5/15/1960	12/31/1995	35 yr 8 mo	428			0 yrs 11 mo	11	DC Plan
Knupp, Fred	Twp	5/15/1960	12/31/1994	34 yr 8 mo	416					DC Plan
Maas, Carlos	Twp	10/1/1952	9/1/1985	32 yr 11 mo	395					DC Plan
Miller, Clayton	Twp	4/11/1973	2/24/1995	21 yr 11 mo	263					DC Plan
Mothersbaugh, Frank	Twp	7/2/1973	12/31/1992	19 yr 6 mo	234					DC Plan
VanVleck, Charles	Twp	8/25/1971	9/5/2003	32 yr 0 mo	384			8 yrs 7 mo	103	DC Plan
TWP Retired DB										
Haar, James	Twp	7/1/1979	12/31/2007	28 yr 6 mo	342			12 yr 11 mo	155	Twp
Hahn, Donald	Twp	2/2/1979	12/31/2005	26 yr 11 mo	323			10 yr 11 mo	131	Twp
Jury, James	Twp	8/1/1987	8/23/2012	25 yr 1 mo	301			16 yr 11 mo	203	Twp
King, Martin	Twp	1/14/1981	11/30/2009	28 yr 11 mo	347			14 yr 10 mo	178	Twp
Maycock, Randolph	Twp	2/1/1972	6/30/2008	36 yr 5 mo	437			13 yr 4 mo	160	Twp
McDurmon, Donald	Twp	2/1/1979	9/27/2006	27 yr 8 mo	332			11 yr 8 mo	140	Twp
Ralney, Paul	Twp	1/9/1980	11/27/2007	27 yr 11 mo	335			12 yr 10 mo	154	Twp
Russo, Charles	Twp	8/5/1987	8/8/2012	25 yr 0 mo	300			16 yr 11 mo	203	Twp
Wendel, Mark	Twp	7/9/1979	12/31/2014	35yr 6mo	426			16 yr 11 mo	203	Twp
Westfall, Gregory	Twp	11/1/1976	6/30/2005	28 yr 8 mo	344			10 yr 5 mo	125	Twp
TWP Active DB										
Atkins, Daniel	Twp	11/16/1992						16 yr 11 mo	203	Twp
Bukis, Peter	Twp	10/24/2001						10 yr 2 mo	122	Twp
Conely, Patrick	Twp	8/20/2001						10 yr 4 mo	124	Twp
Conroy, William	Twp	9/2/1995						16 yr 4 mo	196	Twp
Fox, David	Twp	12/26/1995						16 yr 0 mo	192	Twp
Gross, Scott	Twp	10/16/1995						16 yr 2 mo	194	Twp

Date for Joint Fire Department - February 5, 1995

EMPLOYEE LIST

Date of Report - 2/26/2015

Former Employee	City/Twp	Date of Hire	Retirement Date	Calculation of Hire Date to Retirement		Termination Date	Rehire Date	Joint Years	Months	MERS PENSION
				Date	Months					
Harned, Terence	Twp	1/8/2002						10 yr 0 mo	120	Twp
Harrell, James	Twp	1/8/1996						16 yr 0 mo	192	Twp
Mack, Christopher	Twp	12/29/1995						16 yr 0 mo	192	Twp
Mallari, Jeffrey	Twp	7/14/2003				3/2/2012	3/17/2014	8 yr 6 mo	102	Twp
Mangan, Greg	Twp	9/12/2005				3/2/2012	3/17/2014	6 yr 4 mo	76	Twp
Mann, Charles	Twp	8/13/1992						16 yr 11 mo	203	Twp
Phillips, Daniel	Twp	9/2/1992						16 yr 11 mo	203	Twp
Randall, Jeffrey	Twp	7/22/2002						9 yr 5 mo	113	Twp
Tefend, Ricky	Twp	8/13/1992						16 yr 11 mo	203	Twp
Villet, Guy	Twp	9/14/2005				3/2/2012	3/17/2014	6 yr 4 mo	76	Twp
Jowsey, Nancy	Twp	6/7/1985						10 yr 0 mo	120	Twp
TWP Inactive										
Abraham, Richard	Twp	8/27/2001				2/17/2013	Resigned			
Haarala, Derek	Twp	4/28/2008				1/24/2010	Layoff			
Lentz, Jeff	Twp	1/7/2002				1/21/2002	Resigned			
Marcicki, Kevin	Twp	6/12/2000				5/11/2004	Resigned			
Moros, Mark	Twp	12/1/1999				6/9/2002	Resigned			
Perez, Christine	Twp	7/6/2004				3/2/2012	Layoff			
Ramin, Shane	Twp	4/21/2008				1/24/2010	Layoff			
Ramsay, Alan	Twp	6/21/2004				3/2/2012	Layoff			
Tirb, Christopher	Twp	9/13/2005				3/2/2012	Layoff			
Wonnacott, Matthew	Twp	5/12/2008				1/24/2010	Layoff			

EQUIPMENT

City and Township Equity in Assets

Schedule of Equipment
Equity originally contributed
by the Township and the City
in 1995

yellow highlighted items have been disposed of

'Twp records' items have been included on Township's fixed asset records

'Gridlines - Equipment Equity Schedule (1995)'

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
CITY INVENTORY								
Miscellaneous								
70 x 36 Executive Desk	\$933	0		0				
Executive Swivel	\$550	0		0				
36" Lateral Files	\$1,094	0		0				
TV/VCR/stand	\$900	1984		0				
Motorola Handi Talkies	\$4,496	1990	10	2,698	2000	6,404	1,281	
50' Lengths 2 1/2" hose	\$10,750	1900	25	4,730	2005			
50' Lengths 1 1/2" hose	\$3,129	1905	25	2,003	2010			
Resusci Ann Doll	\$1,100	1991	0	600	1999	DO NOT REPLACE		
Pontiac Safari Van	\$14,800	1994	5	14,800	1999	17,663	4,416	
Motorola Two Way Radio (Max Trac)	\$499	1994	10	490	2004	711	79	
Deacon Light Bar	\$700	1994	5	700	1999	835	209	
Aerial Platform Truck Sulphur TS100	\$240,345	1979	25	66,130	2004	501,074	64,653	
500' of 1 1/2" hose	\$745	1900	25	320	2005			
500' of 5" Snap Tie Hose	\$6,000	1905	25	3,840	2010			
050' of 2 1/2" Hose	\$1,075	1903	25	1,050	2008			
Mobile Radio	\$1,935	1900	10	0	1990	2,750		2,750
5" Intake Relief Valve	\$935	1905	25	590	2010			
2 1/2" Nozzle	\$825	1900	25	363	2005			
4' Snap Tie Hydrant Adapter	\$600	1900	25	264	2005			
3 Way Slamese	\$937	1975	25	225	2000			
30 Minute Scott Pak	\$3,790	1983	25	2,122	2008			
Vac Fan	\$910	1900	20	273	2000	DO NOT REPLACE		
Salvage Covers	\$503	1975	10	0	1985	830		830
Ford E-350 Type III Rescue Vehicle	\$54,445	1986	11	0	1994	72,250		72,250
Motorola Two Way Radio	\$1,935	1986	10	307	1996	2,756	2,756	
Collapsible Stretcher	\$875	1986	0	0	1994	1,161		1,161
30 Min Scott Pak	\$3,790	1985	25	2,426	2010			
Defibrillator	\$4,225	1992	0	3,169	2000	5,607	1,121	
Force 5 2 Way Radio/Decoder	\$900	1986	10	100	1998			
Holmatro Jaws/Spreader/Generator	\$11,000	1986	20	6,600	2006	22,315	2,029	
Air Bags	\$800	1986	0	0	1994	1,062		1,062

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Positive Pressure Vent Fan	\$1,060	1990	20	048	2010	2,150	143	
Ford F-150 5/8 Ton Truck	\$7,500	1982	5	0	1987	DO NOT REPLACE		
Mobile Radio	\$1,935	1982	10	0	1992	DO NOT REPLACE		
American LaFrance Pumper 1,250 gal		1976	dispose	0		DO NOT REPLACE		
1250 Gal. Piarco Arrow Pumper	\$139,775	1988	25	106,229	2013	338,395	10,800	
Mobile Radio	\$1,935	1980	10	774	1990	2,756	919	
30 Min. Scott Paks	\$11,370	1983	25	6,367	2000			
26 Ft. Extension Ladder	\$625	1980	25	475	2013			
2 1/2" Fog Nozzle	\$825	1980	25	627	2013			
2 1/2" Straight Stream Nozzles	\$1,650	1980	25	1,254	2013			
1 1/2" Fog Nozzles	\$1,075	1980	25	1,425	2013			
2 1/2" Deluge Gun	\$1,555	1980	20	1,089	2000	3,154	243	
1800 ft. 2 1/2" Hose	\$4,500	1980	25	1,980	2005			
550 ft. 1 1/2" Hose	\$820	1985	25	525	2010			
500 ft 5" Snap Tight Hose	\$6,000	1985	25	3,040	2010			
15 ft. Soft Suction Hose	\$800	1980	25	456	2013			
1 1/2" Cellar Nozzle	\$649	1975	25	150	2000			
Generator	\$1,000	1980	10	400	1990			
Spares Scott Tanks	\$800	1984	10	0	1994			
TOTAL CITY	\$560,075			\$270,524		\$1,062,670	\$96,647	\$70,059
				32.76%				
TOWNSHIP INVENTORY								
4 TO 2 1/2 Inch adapter	\$500	1973	25	80	1990			
5 Inch hose	\$800	1980	25	352	2005			
5 Inch hose	\$510	1992	25	469	2017			
5 Inch hose	\$510	1992	25	469	2017			
5 Inch hose	\$510	1992	25	469	2017			
5 Inch hose	\$510	1992	25	469	2017			
5 Inch hose	\$523	1990	25	439	2015			
5 Inch hose	\$510	1992	25	469	2017			
5 Inch hose	\$523	1990	25	439	2015			
5 Inch hose	\$523	1990	25	439	2015			

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1996 Capital
1 inch hose	\$800	1989	25	640	2014			
1 inch hose	\$800	1980	25	352	2005			
1 inch hose	\$800	1980	25	352	2005			
1 inch hose	\$800	1980	25	352	2005			
1 inch hose	\$800	1980	25	352	2005			
1 inch hose	\$800	1980	25	352	2005			
1 inch hose	\$800	1980	25	352	2005			
1 inch hose	\$523	1990	25	439	2015			
1 inch hose	\$510	1992	25	469	2017			
1 inch hose	\$510	1992	25	469	2017			
1 inch hose	\$510	1992	25	469	2017			
1 inch hose	\$510	1992	25	469	2017			
5 inch to 2 1/2 inch slamese	\$642	1978	25	231	2003			
5 inch to 2 1/2 inch slamese	\$642	1978	25	231	2003			
5 inch to 3-2 1/2 inch gated	\$642	1970	25	26	1995			
5 to 2 1/2 inch slamese	\$700	1978	25	252	2003			
6 inch keystone valve	\$500	1970	25	20	1995			
6 to 2 1/2 inch slamese	\$700	1976	25	196	2001			
STATION 1								
Ambulance Cot - Sta 1	\$863	1987	0	100	1995	1,145		1,145
Base Radio	\$2,000	1985	15	800	2000	3,400	600	
Base Radio	\$2,000	1974	15	0	1989	BACK-UP		
Computer	\$1,125	1993	3	750	1996	1,251	1,251	
Computer	\$2,000	1991	5	800	1996	2,387	2,387	
Computer - 2778	\$1,100	1991	5	440	1996	1,313	1,313	
Defibrillator module reader	\$795	1992	0	596	2000	1,055	211	
Pierce Pump - Sta 1 <i>Twsp records</i>	\$201,210	1992	25	105,121	2017	407,140	22,143	
Printer	\$279	1991	5	112	1996	333	333	
Printer	\$600	1991	5	240	1990	716	716	
Resuscitator	\$850	1992	0	638	2000	1,120	226	
Training Overlays	\$863	1986	10	173	1996			
STATION 2								
Acetylene Torch Kit	\$700	1976	25	106	2001	1,695	202	
Air Compressor	\$1,615	1987	20	1,050	2007	3,278	273	
Base Radio	\$2,000	1974	15	0	1989			

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Encoder	\$656	1903	15	175	1990	1,115	372	
Extension Ladder	\$600	1972	25	72	1997			
Extension Ladder	\$600	1972	25	72	1997			
Floor Jack	\$1,495	1907	10	449	1997			
Foam Generator	\$900	1970	10	0	1980			
Generator	\$1,200	1970	10	0	1980			
Porto-powr	\$500	1977	10	0	1987			
Porto-powr	\$500	1977	10	0	1987			
Printer	\$449	1991	3	0	1994	499		499
Rosco smoke Machine	\$627	1907	20	408	2007	1,272	106	
STATION 3								
Antenna and Tower	\$7,157	1991	20	0,003	2011			
Base Radio	\$5,000	1992	15	4,333	2007	0,499	700	
Breathing Air Center	\$20,973	1991	20	24,027	2011	50,774	3,673	
Computer	\$1,000	1990	5	200	1995	1,193		1,193
Desktop station - RADIO	\$3,575	1992	10	2,060	2002	5,092	727	
Encoder	\$656	1903	10	0	1993	034		034
Printer	\$600	1909	3	0	1992	607		867
Scoll Pack	\$045	1972	25	101	1997			
Scoll Pack	\$045	1972	25	101	1997			
Scoll Pack	\$045	1972	25	101	1997			
Scoll Pack	\$045	1972	25	101	1997			
Scoll Pack	\$045	1972	25	101	1997			
Chovy Caprice - 800	\$14,070	1992	5	8,442	1997	16,792	0,396	
Light bar	\$777	1992	10	622	2002	1,107	150	
Mobile Radio	\$1,663	1980	10	665	1990	2,369	790	
Prep Radio	\$800	1992	10	640	2002	1,139	163	
Scoll Pack	\$1,257	1990	25	1,056	2015			
Pumper - 801	\$76,850	1972	25	9,190	1997	105,569	92,785	
Deck Gun	\$1,705	1974	20	0	1994	3,459		3,459
Extension Ladder	\$500	1973	25	00	1988			
Generator	\$1,200	1979	10	0	1989			
K-1200 saw	\$500	1989	25	400	2014			
Mobile Radio	\$1,600	1974	10	0	1984			
Prep Radio	\$657	1903	10	0	1993	936		036

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Scott Pack	\$045	1972	25	101	1997			
Scott Pack	\$045	1972	25	101	1997			
Scott Pack	\$045	1972	25	101	1997			
Scott Pack	\$045	1972	25	101	1997			
Pumper - 802 AERIAL	\$89,013	1970	25	3,593	1995	DO NOT REPLACE		
Bangor Ladder	\$1,200	1972	25	144	1997			
Extension Ladder	\$600	1972	25	72	1997			
Generator	\$1,200	1970	10	0	1980			
Ladder pipe	\$027	1971	25	66	1996			
Mobile Intercom	\$1,000	1981	10	0	1991	1,424		1,424
Mobile Radio	\$1,600	1980	10	0	1990	2,279		2,279
Prep Radio	\$000	1992	10	640	2002	1,139	163	
Scott Pack	\$045	1972	25	101	1997			
Pick up truck - 807	\$10,191	1990	6	6,064	1996	22,491	22,491	
Light bar	\$560	1990	10	336	2000	790	160	
Mobile Radio	\$045	1990	10	507	2000	1,204	241	
Positive Pressure Ventilator <i>Twsp records</i> ✓	\$1,505	1989	20	1,109	2009	3,215	230	
Prep Radio	\$040	1988	10	330	1998	1,196	309	
Chevy Caprice - 808	\$11,303	1988	5	0	1998	16,213	5,404	
Mobile Radio	\$045	1990	10	507	2000	1,204	241	
Prep Radio	\$657	1983	10	0	1993	036		036
Ambulance - 813	\$69,750	1994	0	69,750	2002	92,560	13,223	
Ambulance Cot	\$1,330	1990	0	665	1990	1,765	588	
Defibrillator	\$5,000	1991	0	3,125	1999	6,635	1,659	
Defibrillator	\$4,170	1993	8	3,649	2001	5,534	922	
Mobile Radio	\$045	1989	10	423	1999			
Mobile Radio	\$045	1989	10	423	1999			
Prep Radio	\$040	1988	10	336	1998	1,196	309	
Prep Radio	\$040	1988	10	330	1998	1,196	309	
Scott Pack	\$045	1972	25	101	1997			
Scott Pack	\$045	1972	25	101	1997			
Pumper - 821	\$67,000	1978	25	0	2003	DO NOT REPLACE		
K-1200 saw	\$641	1989	25	513	2014			
Mobile Radio	\$1,600	1980	10	0	1990	2,279		2,279
Ambulance - 823	\$44,250	1986	0	0	1994	70,000		70,000

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Ambulance Col	\$1,330	1990	0	665	1998	1,705	580	
Defibrillator	\$5,000	1991	8	3,125	1999	6,635	1,659	
Mobile Radio	\$845	1989	10	423	1999	1,204	301	
Mobile Radio	\$845	1989	10	423	1999	1,204	301	
Prep Radio	\$800	1991	10	560	2001	1,139	190	
Prep Radio	\$840	1992	10	672	2002	1,196	171	
Scott Pack	\$799	1988	25	607	2013			
Scott Pack	\$845	1972	25	101	1997			
Pierce Pumper - 831 <i>TWSP records ✓</i>	\$152,764	1989	25	122,211	2014	369,041	19,465	
k-1200 saw	\$641	1984	25	305	2009	1,552	111	
Mobile Radio	\$1,350	1992	10	1,080	2002	1,923	275	
Positive Pressure Vent	\$853	1994	20	953	2014	1,933	102	
Scott Pack	\$837	1988	25	836	2013			
Scott Pack	\$845	1988	25	642	2013			
Scott Pack	\$799	1988	25	607	2013			
Scott Pack	\$799	1988	25	607	2013			
Scott Pack	\$837	1988	25	636	2013			
Scott Pack	\$845	1972	25	101	1997			
Scott Pack	\$837	1988	25	636	2013			
Ambulance - 833	\$80,546	1992	0	45,410	2000	80,346	18,080	
Ambulance Col	\$1,499	1992	0	1,124	2000	1,989	390	
Mast Trougher	\$510	1993	0	446	2001	677	113	
Mobile Radio	\$627	1992	10	502	2002	893	128	
Mobile Radio	\$627	1992	10	502	2002	893	128	
Stretcher Chair	\$520	1992	0	390	2000	690	130	
Deluge gun <i>TWSP records ✓</i>	\$1,700	1992	20	1,530	2012			
Deluge Set - 2511 <i>TWSP records ✓</i>	\$1,500	1978	20	300	1998			
Jaws Motor/Jaws <i>TWSP records ✓</i>	\$5,703	1978	20	1,141	1998	11,569	3,056	
Jaws shears <i>TWSP records ✓</i>	\$2,200	1985	20	1,210	2005	4,463	446	
Mobile Radio	\$777	1992	10	622	2002	1,107	158	
Ram Rescue Tool	\$1,995	1992	20	1,796	2012	4,047	238	
Mobile Radio	\$745	1984	10	0	1994	1,061		1,061
Mobile Radio	\$745	1984	10	0	1994	1,061		1,061
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804

Item	Purchase Price	Year Purchased	Useful Life	Book Value	Replacement Year	Reserve Required	Depreciation Expense/Year	1995 Capital
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Prep Radio	\$733	1984	10	0	1994	804		804
Mobile Radio	\$1,350	1984	10	0	1994	1,923		1,023
Prep Radio	\$800	1991	10	560	2001	1,139	190	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$812	1994	10	812	2004	1,157	129	
Prep Radio	\$657	1983	10	0	1993	804		804
Scall Pack	\$1,257	1990	25	1,056	2015			
Scall Pack	\$1,257	1990	25	1,056	2015			
Scall Pack	\$825	1988	25	363	2005			
Scall Pack	\$825	1988	25	303	2005			
Prep Radio	\$5,288	1989	10	2,044	1999	7,532	1,803	
Prep Radio	\$657	1983	10	0	1993	804		804
K-1200 saw - 2741	\$641	1989	25	513	2014			
TOTAL TOWNSHIP	\$1,005,650			\$555,257		\$1,547,975	\$231,030	\$97,037
				67.24%				
COMBINED PCFD INVENTORY	\$1,566,525			\$825,781		\$2,810,653	\$328,277	\$175,805

review of schedule items to determine if they were still on-hand/in use conducted by Chief M. Wendel

City and Township Equity in Assets

Schedule of Equipment
acquired by the joint Fire
Department 1995 - 2011

Plymouth Community Fire Department
Schedule of The Net Book Value of Fixed Assets Acquired by The Ply Comm Fire Depart (In service and on hand at 12/31/2010)
As of December 31, 2010 and 2011

336 FIXED ASSETS - FIRE											
YR	DESCRIPTION	ID #	USER	Acq. YR	COST	Method/Life	A/D 2010	Net Book Value 12/31/2010	Exp 2011	A/D 2011	Net Book Value 12/31/2011
	Joint Equip Equity Schedules PCFD	Page #									
1995	Map Case	1/4			1,500.00	15					
1994	Positive Pressure Vent	2/4			953.00	20		142.95			95.30
1996	MSA Pass Device Mot	3/4			1,580.00	8					
1996	Lateral File - 5 Drawer HON	3/4			796.00	8					
1996	Resuscitation Jr	3/4			495.00	5					
1996	Roof Ladders 20'	3/4			549.00	10					
1998	Substation Telephone System	3/4			10,000.00	10					
1997	Antenna	4/4			750.00	10					
1997	Spring Reel	4/4			750.00	5					
1999	100 Ft of 5" snap tie hose (3)	4/4			1,950.00	15		390.00			260.00
1999	Rocker Recliners (3)	4/4			1,800.00	8					
1999	Carpeting Station #2	4/4			1,000.00	8					
1999	Honda Generator	4/4			700.00	8					
1999	Ceiling Fans Station #2 App Rm	4/4			1,150.00	10					
1999	Ceiling Fans Station #3 App Rm	4/4			2,630.00	10					
95	4hp Blaster PPV	Honda HNB04183		95	1,059.00	7	1,059.00	-	-	1,059.00	-
95	Custom mobile Fill panel	M-2779-8		95	3,914.00	7	3,914.00	-	-	3,914.00	-
96	Honda Engine w/selector valve			96	3,997.00	7	3,997.00	-	-	3,997.00	-
96	(5) 100' 5 Inch HFX Hose			96	2,930.00	7	2,930.00	-	-	2,930.00	-
96	4500 PSI Dot Cylinders (8)			96	2,400.00	7	2,400.00	-	-	2,400.00	-
96	Kellogg American Air Compressor			96	2,640.00	7	2,640.00	-	-	2,640.00	-
96	(3) Gas Detectors			96	1,025.73	7	1,025.73	-	-	1,025.73	-
97	(7) JT 1000 1.5 Watt			97	9,366.10	7	9,366.10	-	-	9,366.10	-
97	Analyzer/Adapter			97	1,940.00	7	1,940.00	-	-	1,940.00	-
97	Intercom Installation			97	1,038.00	7	1,038.00	-	-	1,038.00	-
97	Turbo Jet/Fire Hose/Foam Tube			97	3,667.78	7	3,667.78	-	-	3,667.78	-
97	MFIRS Software/Network Module			97	1,495.00	7	1,495.00	-	-	1,495.00	-
97	Portable Radio			97	2,001.63	7	2,001.63	-	-	2,001.63	-
98	Rescue Tool 35/25			98	4,872.00	7	4,872.00	-	-	4,872.00	-
98	Super Ram 25/60			98	2,325.00	7	2,325.00	-	-	2,325.00	-
98	4 cycle Gas 6hp			98	3,100.00	7	3,100.00	-	-	3,100.00	-
98	Argus Camera			98	17,000.00	7	17,000.00	-	-	17,000.00	-
99	Dell PC-Inspiron Notebook W698M		Fire Users	99	3,386.55	3	3,386.55	-	-	3,386.55	-
99	99 Ford Traumahawk Ambulance			99	85,500.00	10	85,500.00	-	-	85,500.00	-
99	Ceiling Fan		Station 2	99	1,150.00	7	1,150.00	-	-	1,150.00	-
99	Ceiling Fan		Station 3	99	2,630.00	7	2,630.00	-	-	2,630.00	-
99	Kohler Generator-60R2/PA-187079	0640468	Station 2	99	16,531.00	7	16,531.00	-	-	16,531.00	-
99	Generator Installation		Sta. 2	99	12,088.48	7	12,088.48	-	-	12,088.48	-
2000	HP 1100 Laser Jet Printer 8PPM		Secretary	2000	1,110.30	7	1,110.30	-	-	1,110.30	-
2000	Truck - Pumper 2000 Pierce Arrow			2000	346,511.00	20	180,581.05	155,929.95	17,325.55	207,906.60	138,604.40
2000	MegaCode ACLS Trainer MPCPR4020			2000	4,414.02	7	4,414.02	-	-	4,414.02	-
2000	Ford Crown Vic	Vin#2FAFP71W9YX174928		2000	20,278.30	5	20,278.30	-	-	20,278.30	-
2000	2 Monophasic Defibrillators & options			2000	35,374.00	7	35,374.00	-	-	35,374.00	-
2000	SCBA Devices & related equipment			2000	120,517.22	7	120,517.22	-	-	120,517.22	-
00/01	Liftoff Gun & Accessories			00/01	1,669.09	7	1,669.09	-	-	1,669.09	-
2001	Cascade System 6000 PSI - 6 Air Bottles			2001	3,600.00	7	3,600.00	-	-	3,600.00	-
2001	MTR2000 Radio Station Equipment			2001	10,888.00	7	10,888.00	-	-	10,888.00	-
2001	MTR2000 Radio Station Equipment			2001	7,012.00	7	7,012.00	-	-	7,012.00	-
2001	6 HT1000 VHF 16CH Portable Radios			2001	3,080.85	7	3,080.85	-	-	3,080.85	-
2001	FS #2 Renovations			2001	4,102.90	10	4,102.90	-	-	4,102.90	-

Plymouth Community Fire Department
Schedule of The Net Book Value of Fixed Assets Acquired by The Ply Comm Fire Depart (In service and on hand at 12/31/2010)
As of December 31, 2010 and 2011

336 FIXED ASSETS - FIRE											
YR	DESCRIPTION	ID #	USER	Acq. YR	COST	Method/Life	A/D 2010	Net Book Value 12/31/2010	Exp 2011	A/D 2011	Net Book Value 12/31/2011
2001	FS #2 Renovations			2001	1,841.13	10	1,841.13	-	-	1,841.13	-
2001	Evolution Thermal Imaging Camera			2001	17,500.00	7	17,500.00	-	-	17,500.00	-
						2001 Total					
Jan 02	Intercom Radio Mixer			Jan 02	12,350.00	7	12,350.00	-	-	12,350.00	-
Mar 02	Sta 1 Speaker System Sta 1 Remote Ph			Mar 02	4,400.00	7	4,400.00	-	-	4,400.00	-
Apr 02	12 Commando Coats			Apr 02	14,244.36	7	14,244.36	-	-	14,244.36	-
Apr 02	EMS Splneboards			Apr 02	2,157.48	7	2,157.48	-	-	2,157.48	-
Apr 02	Defibrillators - (1)Township Park, (1)Friendship Station			Apr 02	4,739.06	7	4,739.06	-	-	4,739.06	-
Apr 02	8 High Back Chairs - Stations 1-3			Apr 02	1,664.83	7	1,664.83	-	-	1,664.83	-
Jul 02	2 Building Exhaust Systems			Jul 02	68,529.60	10	54,918.86	13,610.74	6,852.96	61,771.82	6,757.78
Aug 02	Golf Cart Ambulance			Aug 02	11,053.40	10	9,303.28	1,750.12	1,105.34	10,408.62	644.78
Dec 02	Traumahawk Ambulance			Dec 02	134,650.67	10	108,842.62	25,808.05	13,465.07	122,307.69	12,342.98
Dec 02	Traumahawk Ambulance			Dec 02	134,650.67	10	108,842.62	25,808.05	13,465.07	122,307.69	12,342.98
Dec 02	Traumahawk Ambulance			Dec 02	134,650.67	10	108,842.62	25,808.05	13,465.07	122,307.69	12,342.98
	Transfers 2002										
Feb 03	TAC Receiver FS #3		FS #3	Feb 03	4,000.00	7	4,000.00	-	-	4,000.00	-
Apr 03	(3) Four Gas Detector Systems			Apr 03	4,185.12	7	4,185.12	-	-	4,185.12	-
May 03	2003 GMC Sierra Pickup/Lettering	1GTHK29U03E301454		May 03	26,872.00	5	26,872.00	-	-	26,872.00	-
May 03	16 Inch 'Cutters Edge' Saw			May 03	1,679.00	7	1,679.00	-	-	1,679.00	-
Jun 03	Confined Spaces Suit System			Jun 03	6,553.39	7	6,553.39	-	-	6,553.39	-
May 03	7 x 14 Roadstar Utility Trailer	5JXCT14243S052106		May 03	4,457.50	7	4,457.50	-	-	4,457.50	-
Dec 03	5 Channel ACU 1000 Radio System			Dec 03	29,373.00	7	29,373.00	-	-	29,373.00	-
						2002 Total					
						2003 Total					
Feb 04	(2) SCBA Cyls and Face Mask Kits			Feb 04	4,350.00	7	4,298.21	51.79	51.79	4,350.00	-
Feb 04	(2) 16" Fire Rescue Saws w/Chain Loops			Feb 04	3,639.28	7	3,595.96	43.32	43.32	3,639.28	-
Feb 04	(1) Automatic Blood Pressure Cuff	12992693		Feb 04	5,500.00	7	5,434.52	65.48	65.48	5,500.00	-
Mar 04	(1) Automatic Blood Pressure Cuff	12992694		Mar 04	5,500.00	7	5,368.05	130.95	130.95	5,500.00	-
Feb 04	(4) Model 62 Stair Pro Chair/Stretcher			Feb 04	7,600.00	7	7,509.52	90.48	90.48	7,600.00	-
Apr 04	(1) Industrial Washer/Extractor w/Install			Apr 04	9,825.00	7	8,474.11	350.89	350.89	9,825.00	-
May 04	(1) Hawk 2 Spd Floor Cleaning Machine			May 04	1,089.00	7	1,037.14	51.86	51.86	1,089.00	-
Apr 04	(15) Mobile & (10) Portable Radios w/Equip			Apr 04	25,875.00	7	24,758.04	916.96	916.96	25,875.00	-
Jan 04	(1) Laerdal ALS Baby 200 w/Heart			Jan 04	1,969.95	7	1,969.95	-	-	1,969.95	-
Sep 04	(1) Model 25 'Jaws of Life' Spreader Tool	Cost = \$17,300.00		Sep 04							
Mar 04	(32) Sets Turnout Gear			Mar 04	59,689.79	5	59,689.79	-	-	59,689.79	-
Apr 05	05 Ford F-150 & Leer Bed Cap			Apr 05	29,580.65	5	29,580.65	-	-	29,580.65	-
Mar 05	Fire Hose Tester, Stainless Steel			Mar 05	2,075.00	7	1,729.17	345.83	296.43	2,025.60	49.40
Apr 05	Camera, Thermal Imaging, Evolution 4100			Apr 05	11,500.00	7	9,583.33	1,916.67	1,842.86	11,226.19	273.81
Apr 05	Rescue Jack, 4 PT Deluxe Package			Apr 05	4,343.48	7	3,567.86	775.62	620.50	4,188.36	155.12
Jul 05	Dell Optiplex GX280 PC 2NZDS71	2NZDS71	Sta #3 Back Office	Jul 05	1,408.42	3	1,408.42	-	-	1,408.42	-
Nov 05	Dell LAT610 Laptop PC 4BQPK81	4BQPK81	Conroy	Nov 05	2,249.93	3	2,249.93	-	-	2,249.93	-
Dec 05	Repair/Overhaul Costs Engine E-3			Dec 05	40,858.98	7	29,671.40	11,187.58	5,837.00	35,508.40	5,350.58
	2006 Additions										
Feb 06	Evolution 4100 Thermal Imaging Camera			Feb 06	11,500.00	7	7,978.07	3,521.93	754.70	8,732.77	2,767.23
Mar 06	(4) Power Pro Ambulance Cots			Mar 06	38,950.40	7	25,382.69	11,567.71	2,478.80	27,861.48	9,088.92
May 06	Exercise Equipment			May 06	14,214.00	10	7,536.18	6,677.82	1,001.67	8,537.86	5,676.14
Jun 06	(1) Range, (3) Refrigerators, (1) MW Oven			Jun 06	8,090.00	7	5,337.11	2,752.89	589.91	5,927.01	2,162.99
Jun 06	(1) Gas Dryer 0605002533			Jun 06	2,870.00	7	1,893.39	976.61	209.27	2,102.66	767.34
May 06	Spkrs, Remotes, Antennas & Install			May 06	5,049.00	7	3,399.63	1,649.37	353.44	3,753.07	1,295.93
Jun 06	Wall Mount Locker, w/wash & broom rack			Jun 06	3,627.00	7	2,392.79	1,234.21	264.47	2,657.27	969.73
Jun 06	Sparky's 'Hazard House'			Jun 06	4,275.00	10	2,210.78	2,064.21	309.63	2,520.42	1,754.58
Aug 06	(10) Shades, (1) Vertical Blind			Aug 06	5,279.84	5	4,202.30	1,077.54	323.26	4,525.56	754.28
Sep 06	(32) Fire Hoses			Sep 06	1,660.00	10	847.83	812.37	121.86	969.48	690.52
Oct 06	(3) Commando Coat & Pant w/suspenders			Oct 06	5,819.33	7	3,799.51	2,019.82	432.82	4,232.32	1,587.01
Jun 06	Office Furniture			Jun 06	5,090.88	5	4,021.35	1,069.53	320.86	4,342.21	748.67
Jun 06	Office Furniture			Jun 06	13,070.33	10	6,759.25	6,311.08	946.66	7,705.91	5,364.42
Jun 06	Office Furniture			Jun 06	29,657.92	10	15,285.71	14,272.21	2,140.83	17,426.54	12,131.38

Plymouth Community Fire Department
Schedule of The Net Book Value of Fixed Assets Acquired by The Ply Comm Fire Depart (in service and on hand at 12/31/2010)
As of December 31, 2010 and 2011

336 FIXED ASSETS - FIRE											
YR	DESCRIPTION	ID #	USER	Acq. YR	COST	Method/Life	A/D 2010	Net Book Value 12/31/2010	Exp 2011	A/D 2011	Net Book Value 12/31/2011
Jun 06	Vehicle Exhaust Evacuation Syst. FS #1			Jun 06	39,770.00	7	26,236.94	13,533.06	2,898.94	28,136.88	10,633.12
Jun 06	Epoxy Flooring 5092 sq ft			Jun 06	22,430.82	10	11,600.02	10,830.90	1,624.83	13,224.66	9,206.26
Jun 06	FD Share Telephone System			Jun 06	25,823.05	10	13,354.24	12,468.81	1,870.32	15,224.56	10,598.49
2006	Transfers In			2006							
99	Kohler Generator	0638640	FS #1	99	18,482.00	7	18,482.00	-	-	18,482.00	-
95	Desk 263672LP/ERP Return/Chair	262445E	Fire Trng	95	1,117.00	7	1,117.00	-	-	1,117.00	-
99	Clerk Dept Renovations to Fire Insp		Fire Insp	99	2,239.89	10	2,239.89	0.00	0.00	2,239.89	0.00
99	Clerk Dept Renovations to Fire Insp		Fire Insp	99	2,118.00	10	2,118.00	-	-	2,118.00	-
Mar 07	(1) Air Bag Package			Mar 07	4,125.00	7	2,481.43	1,643.57	352.19	2,833.63	1,291.37
Jun 07	Visio VX37L Television & Install		Fire Chief	Jun 07	1,432.24	7	824.36	607.88	130.26	954.62	477.62
Jun 07	(6) Commando Coats and Pants			Jun 07	10,445.76	5	7,489.87	2,955.89	886.77	8,376.64	2,069.12
Feb 08	(1) Portable CO-Oximeter Masimo RAD57C			Feb 08	3,995.00	Months	2,013.15	1,981.85	424.68	2,437.83	1,557.17
Feb 08	(1) LP12 Defibrillator	SN36212461		Feb 08	24,027.15	84	12,107.70	11,919.45	2,554.17	14,661.87	9,365.28
Jul 08	(1) Dell Optiplex 755 PC 4HBPFG1		Trng Office Officer	Jul 08	1,386.85	36	1,126.82	260.03	130.02	1,256.83	130.02
Jul 08	(1) Dell Optiplex 755 PC 3HBPFG1		Conroy	Jul 08	1,386.85	36	1,126.82	260.03	130.02	1,256.83	130.02
Jul 08	(1) Dell Optiplex 755 PC 1HBPFG1		Jowsey	Jul 08	1,386.85	36	1,126.82	260.03	130.02	1,256.83	130.02
Jul 08	(1) Dell Optiplex 755 PC 26VK2H1		M Wendel	Jul 08	1,386.85	36	1,126.82	260.03	130.02	1,256.83	130.02
Jul 08	(2) LP12 Defibrillator 9940 SNs: 36962630 & 36962632			Jul 08	35,834.09	84	18,082.25	19,751.84	4,232.54	20,314.78	15,519.31
Aug 08	(4) Commando Coats and Pants			Aug 08	7,759.12	84	4,432.40	3,326.72	998.02	5,430.42	2,328.70
Sep 08	(1) Gas Monitor System			Sep 08	6,480.00	84	2,765.34	3,714.66	796.00	3,561.33	2,918.67
	2008 Transfer In										
Mar 09	(2) Galaxy Gas Sensing Units			Mar 09	2,749.02	84	974.78	1,774.24	380.19	1,354.97	1,394.05
Mar 09	(1) Panasonic ToughBk Laptop A1	9DKYA68105		Mar 09	3,966.00	36	2,809.25	1,156.75	578.38	3,387.63	578.38
Mar 09	(1) Panasonic ToughBk Laptop A2	9DKYA68137		Mar 09	3,966.00	36	2,809.25	1,156.75	578.38	3,387.63	578.38
Mar 09	(1) Panasonic ToughBk Laptop A3	9DKYA68172		Mar 09	3,966.00	36	2,809.25	1,156.75	578.38	3,387.63	578.38
Mar 09	(1) Panasonic ToughBk Laptop A4	9DKYA68173		Mar 09	3,966.00	36	2,809.25	1,156.75	578.38	3,387.63	578.38
Apr 09	(1) 2009 Ford F-350 Cr Cab DRW PickUp	A72338	1FTWW33R49EA7	Apr 09	40,589.58	60	18,569.73	22,019.85	6,605.95	25,175.69	15,413.89
Apr 09	(1) EA. Hurst Spreader,Cutter,Ram,Ram Ext,Pwr Unit,Hydr Reel - Res			Apr 09	29,820.00	120	7,324.54	22,495.46	3,374.32	10,698.86	19,121.14
Aug 09	(1/2) Konica Minolta C353 Copier (see also 371 Bldg Dept)			Aug 09	3,912.00	84	1,112.72	2,799.28	599.84	1,712.57	2,199.43
Oct 09	(1) Dell Optiplex 760 676BVK1		Sta 3 Radio Room	Oct 09	1,044.58	36	587.58	457.00	228.50	816.08	228.50
Oct 09	(1) Dell Optiplex 760 376BVK1		Sta 2 Radio Room	Oct 09	1,044.58	36	587.58	457.00	228.50	816.08	228.50
Oct 09	(1) Dell Optiplex 760 476BVK1		Sta 1 Back Office	Oct 09	1,044.58	36	587.58	457.00	228.50	816.08	228.50
Oct 09	(1) Dell Optiplex 760 576 BVK1		Sta 1 Capt Office	Oct 09	1,044.58	36	587.58	457.00	228.50	816.08	228.50
2010	Current Year Additions										
Feb 10	Vid Conf Equip - Projector, Cart			Feb 10	8,721.00	84	1,713.05	7,007.95	1,501.70	3,214.76	5,506.24
Aug 10	Cabinets - Apparatus Room			Aug 10	2,950.00	84	263.39	2,686.61	575.70	839.09	2,110.91
	2010 Transfers Out										
	2010 Dispositions										
	DEPT TOTAL					2009 Totals					
					2,048,485.35	2010 Totals	1,578,822.50	470,195.80			
					2,048,485.35	2011 Totals			119,580.58	1,698,403.06	350,437.59

City and Township Equity in Assets

Equipment Originally
Contributed by City and
Returned 12/31/2011

City of Plymouth
Schedule of The Net Book Value of Fixed Assets (in service and on hand at 12/31/2010)
That Were Contributed To The Plymouth Community Fire Department on or About January 1, 1995
As of December 31, 2010 and 2011

Page	Description	Year Purchased	Purchase Price	Life	Book Value 12/31/2010	Book Value 12/31/2011
	From City Schedules					
1 of 7	Resuci Ann Doll	1991	1,100.00	8	-	
1 of 7	Aerial Platform Truck - Sutphen	1979	240,345.00	25	-	
1 of 7	500' Snap Tite Hose	1985	6,000.00	25	-	
1 of 7	850' 2 1/2' Hose	1983	1,875.00	25	-	
1 of 7	5" Intake Relief Valve	1985	935.00	25	-	
1 of 7	2 1/2" Nozzle	1980	825.00	25	-	
1 of 7	3 Way Siamese	1975	937.00	25	-	
1 of 7	Vac Fan	1980	910.00	20	-	
2 of 7	Positive Pressure Vent Fan	1990	1,060.00	20	-	
2 of 7	1250 Gal Pierce Arrow Pumper	1988	139,775.00	25	11,182.00	5,591.00
2 of 7	26 Ft Extension Ladder	1988	625.00	25	50.00	25.00
2 of 7	2 1/2" Fog Nozzle	1988	825.00	25	66.00	33.00
2 of 7	2 1/2" Straight Stream Nozzles	1988	1,650.00	25	132.00	66.00
2 of 7	1 1/2" Fog Nozzles	1988	1,875.00	25	150.00	75.00
2 of 7	2 1/2" Deluge Gun	1988	1,555.00	25	124.40	62.20
2 of 7	15 ft Soft Suction Hose	1988	600.00	25	48.00	24.00
2 of 7	1 1/2" Cellar Nozzle	1975	649.00	25	-	-
	Totals		401,541.00		11,752.40	5,876.20

Charter Township of Plymouth
Schedule of The Net Book Value of Fixed Assets (in service and on hand at 12/31/2010)
That Were Contributed to the Plymouth Community Fire Department on or About January 1, 1995
As of December 31, 2010 and 2011

Page	Description	Year Purchased	Purchase Price	Life	Book Value 12/31/2010	Book Value 12/31/2011
	From Township Schedules					
	Station One					
2 of 7	4 To 2 1/2 Inch Adapter	1973	500.00	25	-	
3 of 7	(2) 5 Inch to 2 1/2 Inch Siamese	1978	1,284.00	25	-	
3 of 7	5 Inch to 2 1/2 Inch gated	1970	642.00	25	-	
3 of 7	5 to 2 1/2 Inch Siamese	1978	700.00	25	-	
3 of 7	6 Inch Keystone Valve	1970	500.00	25	-	
3 of 7	6 To 2 1/2 Inch Siamese	1976	700.00	25	-	
3 of 7	Resuscianene	1992	850.00	8	-	
3 of 7	Pierce Pumper	1992 ✓	201,218.00	20	20,121.80	10,060.90
	Station Two					
4 of 7	Extension Ladder	1972	600.00	25	-	
4 of 7	Extension Ladder	1972	600.00	25	-	
4 of 7	Generator	1978	1,200.00	10	-	
4 of 7	(2) Porto-Powr	1977	1,000.00	10	-	
128 4 of 7	Rosco smoke machine	1987	627.00	20	-	
	Station Three					
4 of 7	Antenna & Tower	1991	7,157.10	7	-	-
4 of 7	Breathing Air Center (Mako)	1991 ✓	28,973.00	7	-	-
5 of 7	Positive Pressure Ventilator	1989 ✓	1,585.00	7	-	-
6 of 7	Pierce Pumper	1989 ✓	152,764.00	20	-	-
6 of 7	k-1200 saw	1984	641.00	25	-	-
6 of 7	Deluge Gun	1992 ✓	1,700.00	7	-	-
6 of 7	Deluge Gun Set	1978 ✓	1,500.00	7	-	-
6 of 7	Jaws of Life - Hurst	1978 ✓	5,703.00	7	-	-
6 of 7	Jaws -Shears	1985 ✓	2,200.00	7	-	-
6 of 7	Ram Rescue Tool	1992	1,995.00	20	99.75	-
	Totals		414,639.10		20,221.55	10,060.90

City and Township Equity in Assets

Township Purchase of City's
Equity Interest in Joint
Equipment as of 12/31/2011

Charter Township of Plymouth
Plymouth Community Fire Department
Year End Equipment Equity Schedule (Net Book Value)
December 31, 2011

Exhibit F

336 FIXED ASSETS - FIRE									
YR	DESCRIPTION	ID #	USER	VENDOR	COST	A/D 2010	Exp 2011	A/D 2011	Net Book Value 12/31/2011
78	Deluge Set			Akron Brass	1,500.00	1,500.00	-	1,500.00	-
78	Jaws of Life - Hurst		811		5,703.00	5,703.00	-	5,703.00	-
85	Jaws Shears - Hearst		811		2,200.00	2,200.00	-	2,200.00	-
87	Floor Jack - BlackHawk		Fire St #2		1,495.00	1,495.00	-	1,495.00	-
89	Hose 5" x 800' (7)				5,600.00	5,600.00	-	5,600.00	-
89	Positive Pressure Ventilator		807	Apollo Fire Equipment	1,585.00	1,585.00	-	1,585.00	-
89	Pumper	1P9CT01	831	Pierce	152,764.00	152,764.00	-	152,764.00	-
90	Charger Unit - Pager (50)			Motorola	4,500.00	4,500.00	-	4,500.00	-
90	4 Hoses 5" x 100' SnapTite		801 - 831	RDB Enterprises	2,180.00	2,180.00	-	2,180.00	-
91	Antenna & Tower		Fire St. #3	Great Lakes Antenna	7,157.10	7,157.10	-	7,157.10	-
91	Cabinets - Work Area		Fire St. #3	Carrie Construction	1,349.00	1,349.00	-	1,349.00	-
91	Cabinets/Bench - Scott Room		Fire St. #3	Carrie Construction	1,280.00	1,280.00	-	1,280.00	-
91	Mako Breathing Air Center	MK-BAC0	Fire St. #3	Air Compressor Sales	28,973.00	28,973.00	-	28,973.00	-
92	Base Station - Spectra Desktop	276ARY0	Fire St #3	Motorola	4,999.00	4,999.00	-	4,999.00	-
92	Deluge Gun		841	Halt Fire Equipment	1,700.00	1,700.00	-	1,700.00	-
92	Desktop Station		Fire St #3	Motorola	3,575.00	3,575.00	-	3,575.00	-
92	9 Hoses 5" x 100' - Flowmaster		841	West Shore Services	4,590.00	4,590.00	-	4,590.00	-
92	Pumper	4P1CT02	841	Pierce Manufacturing	201,218.00	181,096.20	10,060.90	191,157.10	10,060.90
92	Weather Station			Davis Digital	1,394.00	1,394.00	-	1,394.00	-
93	Base Station			Amatuer Electronic Sup	1,792.21	1,792.21	-	1,792.21	-
94	PSE Model MX 7596AL			Fire Safe, Inc.	1,105.00	1,105.00	-	1,105.00	-
95	4hp Blaster PPV	Honda HNB04183		Advanced Technics	1,059.00	1,059.00	-	1,059.00	-
95	Custom mobile Fill panel	M-2779-8		MAKO Compressor	3,914.00	3,914.00	-	3,914.00	-
96	Honda Engine w/selector valve			Apollo Fire Equipment	3,997.00	3,997.00	-	3,997.00	-
96	(5) 100' 5 inch HFX Hose			Apollo Fire	2,930.00	2,930.00	-	2,930.00	-
96	4500 PSI Dot Cylinders (8)			Air Source One	2,400.00	2,400.00	-	2,400.00	-
96	Kellogg American Air Compressor			Quality Air Compressor	2,640.00	2,640.00	-	2,640.00	-
96	(3) Gas Detectors			J & N Enterprises	1,025.73	1,025.73	-	1,025.73	-
97	(7) JT1000 1.5 Watt			Bearcom	9,366.10	9,366.10	-	9,366.10	-
97	Analyzer/Adapter			Cadex Electronics	1,940.00	1,940.00	-	1,940.00	-
97	Intercom Installation			Mobile Communications	1,038.00	1,038.00	-	1,038.00	-
97	Turbo Jet/Fire Hose/Foam Tube			Apollo Fire Equip	3,667.78	3,667.78	-	3,667.78	-
97	MFIRS Software/Network Module			Business Micro Resourc	1,495.00	1,495.00	-	1,495.00	-
97	Portable Radio			Bearcom	2,001.63	2,001.63	-	2,001.63	-
98	Rescue Tool 35/25			FM Brick	4,872.00	4,872.00	-	4,872.00	-
98	Super Ram 25/60			FM Brick	2,325.00	2,325.00	-	2,325.00	-
98	4 cycle Gas 6hp			FM Brick	3,100.00	3,100.00	-	3,100.00	-
98	Argus Camera - Thermal Imaging			Apollo Fire Equipment	17,000.00	17,000.00	-	17,000.00	-
99	Dell PC-Inspiron Notebook W698M		Fire Users	Dell	3,386.55	3,386.55	-	3,386.55	-
99	99 Ford Traumahawk Ambulance		A20515	R.S.V.P.	85,500.00	85,500.00	-	85,500.00	-
99	Ceiling Fan		Station 2	Tillman Electric	1,150.00	1,150.00	-	1,150.00	-

Charter Township of Plymouth
Plymouth Community Fire Department
Year End Equipment Equity Schedule (Net Book Value)
December 31, 2011

Exhibit F

336 FIXED ASSETS - FIRE									
YR	DESCRIPTION	ID #	USER	VENDOR	COST	A/D 2010	Exp 2011	A/D 2011	Net Book Value
99	Ceiling Fan		Station 3	Tillman Electric	2,630.00	2,630.00	-	2,630.00	12/31/2011
99	Kohler Generator-60RZ/PA-187079	0640468	Station 2	Genpower/Tillman	16,531.00	16,531.00	-	16,531.00	-
99	Generator Installation		Sta. 2	Horton	12,088.48	12,088.48	-	12,088.48	-
2000	HP 1100 Laser Jet Printer 8PPM		Secretary	EDS	1,110.30	1,110.30	-	1,110.30	-
2000	Truck - Pumper 2000 Pierce Arrow			Pierce Manufacturing	346,511.00	190,581.05	17,325.55	207,906.60	138,604.40
2000	MegaCode ACLS Trainer MPCPR4020			Parr Emergency	4,414.02	4,414.02	-	4,414.02	-
2000	Ford Crown Vic	Vin#2FAFP71W9YX1		Shaheen Chevrolet	20,278.30	20,278.30	-	20,278.30	-
2000	2 Monophasic Defibrillators & options			Medtronic-Physio	35,374.00	35,374.00	-	35,374.00	-
2000	SCBA Devices & related equipment			Argus Supply	120,517.22	120,517.22	-	120,517.22	-
00/01	Liftoff Gun & Accessories			Halt Fire Inc	1,669.09	1,669.09	-	1,669.09	-
2001	Cascade System 6000 PSI - 6 Air Bottles			Air Source One	3,600.00	3,600.00	-	3,600.00	-
2001	MTR2000 Radio Station Equipment			Advanced Wireless Tele	10,888.00	10,888.00	-	10,888.00	-
2001	MTR2000 Radio Station Equipment			Advanced Wireless Tele	7,012.00	7,012.00	-	7,012.00	-
2001	6 HT1000 VHF 16CH Portable Radios			Bearcom	3,080.85	3,080.85	-	3,080.85	-
2001	FS #2 Renovations			Home Depot	4,102.90	4,102.90	-	4,102.90	-
2001	FS #2 Renovations			Home Depot, Katz, et al	1,841.13	1,841.13	-	1,841.13	-
2001	Evolution Thermal Imaging Camera			Apollo Fire Equip	17,500.00	17,500.00	-	17,500.00	-
Jan 02	Intercom Radio Mixer			Advanced Wireless	12,350.00	12,350.00	-	12,350.00	-
Mar 02	Sta 1 Speaker System Sta 1 Remote Ph			Advanced Wireless	4,400.00	4,400.00	-	4,400.00	-
Apr 02	12 Commando Coats			Apollo Fire Equip	14,244.36	14,244.36	-	14,244.36	-
Apr 02	EMS Spineboards			Emergency Medical	2,157.48	2,157.48	-	2,157.48	-
Apr 02	Defibrillators - (1)Township Park, (1)Friendship Station			Medtronic/Physio	4,739.06	4,739.06	-	4,739.06	-
Apr 02	8 High Back Chairs - Stations 1-3			Plymouth Office	1,664.63	1,664.63	-	1,664.63	-
Jul 02	2 Building Exhaust Systems			Hastings Air Energy	68,529.60	54,918.86	6,852.96	61,771.82	6,757.78
Aug 02	Golf Cart Ambulance			Club Car Inc	11,053.40	9,303.28	1,105.34	10,408.62	644.78
Dec 02	Traumahawk Ambulance			RSVP Inc	134,650.67	108,842.62	13,465.07	122,307.69	12,342.98
Dec 02	Traumahawk Ambulance			RSVP Inc	134,650.67	108,842.62	13,465.07	122,307.69	12,342.98
Dec 02	Traumahawk Ambulance			RSVP Inc	134,650.67	108,842.62	13,465.07	122,307.69	12,342.98
	Transfers 2002								
Feb 03	TAC Receiver FS #3		FS #3	Advanced Wireless	4,000.00	4,000.00	-	4,000.00	-
Apr 03	(3) Four Gas Detector Systems			Hagemeyer	4,185.12	4,185.12	-	4,185.12	-
May 03	2003 GMC Sierra Pickup/Lettering	1GTHK29U03E30145		Holman GMC/Upper Le	26,872.00	26,872.00	-	26,872.00	(0.00)
May 03	16 inch 'Cutters Edge' Saw			Apollo Fire Equip	1,879.00	1,679.00	-	1,679.00	-
Jun 03	Confined Spaces Suit System			Hagemeyer	6,553.39	6,553.39	-	6,553.39	-
May 03	7 x 14 Roadstar Utility Trailer	5JXCT14243S052106		John's Trailer Sales	4,457.50	4,457.50	-	4,457.50	-
Dec 03	5 Channel ACU 1000 Radio System			Advanced Wireless	29,373.00	29,373.00	-	29,373.00	-
Feb 04	(2) SCBA Cyls and Face Mask Kits			Argus Supply Co	4,350.00	4,298.21	51.79	4,350.00	-
Feb 04	(2) 16" Fire Rescue Saws w/Chain Loops			Apollo Fire Equip	3,639.28	3,595.96	43.32	3,639.28	-
Feb 04	(1) Automatic Blood Pressure Cuff	12992693		Medtronic Physio-Contr	5,500.00	5,434.52	65.48	5,500.00	-
Mar 04	(1) Automatic Blood Pressure Cuff	12992694		Medtronic Physio-Contr	5,500.00	5,369.05	130.95	5,500.00	-
Feb 04	(4) Model 62 Stair Pro Chair/Stretcher			Stryker Medical	7,600.00	7,509.52	90.48	7,600.00	-

Charter Township of Plymouth
Plymouth Community Fire Department
Year End Equipment Equity Schedule (Net Book Value)
December 31, 2011

Exhibit F

336 FIXED ASSETS - FIRE									
YR	DESCRIPTION	ID #	USER	VENDOR	COST	A/D 2010	Exp 2011	A/D 2011	Net Book Value
Apr 04	(1) Industrial Washer/Extractor w/Install			Universal Laundry/Basle	9,825.00	9,474.11	350.89	9,825.00	12/31/2011
May 04	(1) Hawk 2 Spd Floor Cleaning Machine			B & R Janitorial	1,089.00	1,037.14	51.86	1,089.00	-
Apr 04	(15) Mobile & (10) Portable Radios w/Equip			Advanced Wireless Tele	25,675.00	24,758.04	916.96	25,675.00	-
Jan 04	(1) Laerdal ALS Baby 200 w/Heart			Emergency Medical Pro	1,969.95	1,969.95	-	1,969.95	-
Sep 04	(1) Model 25 'Jaws of Life' Spreader To	Cost = \$17,300.00		R.D.B. Enterprises		-			
Mar 04	(32) Sets 'Turnout Gear'			Apollo Fire Equip	59,689.79	59,689.79	-	59,689.79	-
Apr 05	05 Ford F-150 & Leer Bed Cap			Blackwell Ford & Mid-W	29,580.65	29,580.65	-	29,580.65	-
Mar 05	Fire Hose Tester, Stainless Steel			Apollo Fire Equipment	2,075.00	1,729.17	296.43	2,025.60	49.40
Apr 05	Camera, Thermal Imaging, Evolution 4100			Apollo Fire Equipment	11,500.00	9,583.33	1,642.86	11,226.19	273.81
Apr 05	Rescue Jack, 4 PT Deluxe Package			Cepco Tool Company	4,343.48	3,567.86	620.50	4,188.36	155.12
Jul 05	Dell Optiplex GX280 PC 2NZDS71	2NZDS71	Sta #3 Back	EDS	1,408.42	1,408.42	-	1,408.42	-
Nov 05	Dell LAT610 Laptop PC 4BQPK81	4BQPK81	Conroy	EDS	2,249.93	2,249.93	-	2,249.93	-
Dec 05	Repair/Overhaul Costs Engine E-3			Halt Fire/Belle Tire	40,858.98	29,671.40	5,837.00	35,508.40	5,350.58
	2006 Additions								
Feb 06	Evolution 4100 Thermal Imaging Camera			Apollo Fire Equip	11,500.00	7,978.07	1,630.52	9,608.59	1,891.41
Mar 06	(4) Power Pro Ambulance Cots			Stryker Sales Corp	36,950.40	25,382.69	5,141.21	30,523.89	6,426.51
May 06	Exercise Equipment			Fitness Now Exercise E	14,214.00	7,536.18	1,192.47	8,728.65	5,485.35
Jun 06	(1) Range, (3) Refrigerators, (1) MW Oven			Sears Contract Sales	8,090.00	5,337.11	1,137.56	6,474.67	1,615.33
Jun 06	(1) Gas Dryer 0605002533			Universal Laundry Mach	2,870.00	1,893.39	403.56	2,296.95	573.05
May 06	Spkrs, Remotes, Antennas & Install			Advanced Wireless Tele	5,049.00	3,399.63	681.56	4,081.19	967.81
Jun 06	Wall Mount Locker, w/wash & broom rack			Mid-Minnesota Wire & M	3,627.00	2,392.79	510.00	2,902.80	724.20
Jun 06	Sparky's 'Hazard House'			Modeltech International	4,275.00	2,210.79	380.85	2,591.64	1,683.36
Jun 06	(6) Twin Mattress and Bed Sets			Select Comfort	5,279.84	4,202.30	445.26	4,647.57	632.27
Aug 06	(10) Shades, (1) Vertical Blind			Aero Pacific Draperies	1,660.00	847.63	144.04	991.67	668.33
Sep 06	(32) Fire Hoses			Apollo Fire Equip	5,819.33	3,799.51	765.09	4,564.59	1,254.74
Oct 06	(3) Commando Coat & Pant w/suspenders			Apollo Fire Equip	5,090.88	4,021.35	388.92	4,410.27	680.61
Jun 06	Office Furniture			Allsteel Inc	13,070.33	6,759.25	1,164.41	7,923.65	5,146.68
Jun 06	Office Furniture			Interior Environments	29,557.92	15,285.71	2,633.25	17,918.96	11,638.96
Jun 06	Vehicle Exhaust Evacuation Syst. FS #1			Hastings Air Energy	39,770.00	26,236.94	5,592.18	31,829.11	7,940.89
Jun 06	Epoxy Flooring 5092 sq ft Sta #1			Concrete Floor Trtmnts	22,430.92	11,600.02	1,998.32	13,598.34	8,832.58
Jun 06	FD Share - Telephone System			Suntel Services	25,823.05	13,354.24	2,300.52	15,654.76	10,168.29
	2006 Transfers In								
99	Kohler Generator	0638640	FS #1	Genpower&Tillman	18,482.00	18,482.00		18,482.00	-
95	Desk 263672LP/ERP Return/Chair	262445E	Fire Trng	RP Lewis	1,117.00	1,117.00		1,117.00	-
99	Clerk Dept Renovations to Fire Insp	Furniture	Fire Insp	Kimball	2,239.89	2,239.89		2,239.89	0.00
99	Clerk Dept Renovations to Fire insp	Furniture	Fire Insp	Facility Matrix	2,118.00	2,118.00		2,118.00	-
Mar 07	(1) Air Bag Package			Apollo Fire Equip	4,125.00	2,481.43	513.62	2,995.05	1,129.95
Jun 07	Vizio VX37L Television & Install		Fire Chief	Costco/CDW/Reaume	1,432.24	824.36	251.19	1,075.55	356.69
Jun 07	(6) Commando Coats and Pants			Apollo Fire Equip	10,445.76	7,489.87	1,221.44	8,711.31	1,734.45
Feb 08	(1) Portable CO-Oximeter Masimo RAD57C			Bound Tree Medical	3,995.00	2,013.15	424.68	2,437.83	1,557.17

Charter Township of Plymouth
Plymouth Community Fire Department
Year End Equipment Equity Schedule (Net Book Value)
December 31, 2011

Exhibit F

336 FIXED ASSETS - FIRE									
YR	DESCRIPTION	ID #	USER	VENDOR	COST	A/D 2010	Exp 2011	A/D 2011	Net Book Value 12/31/2011
Feb 08	(1) LP12 Defibrillator	SN36212461		Medtronic	24,027.15	12,107.70	2,554.17	14,661.87	9,365.28
Jul 08	(1) Dell Optiplex 755 PC 4HBPFG1	Sta # 2 PC #2		EDS	1,386.85	1,126.82	260.03	1,386.85	-
Jul 08	(1) Dell Optiplex 755 PC 3HBPFG1	Conroy		EDS	1,386.85	1,126.82	260.03	1,386.85	-
Jul 08	(1) Dell Optiplex 755 PC 1HBPFG1	Jowsey		EDS	1,386.85	1,126.82	260.03	1,386.85	-
Jul 08	(1) Dell Optiplex 755 PC 26VK2H1	M Wendel		EDS	1,386.85	1,126.82	260.03	1,386.85	-
Jul 08	(2) LP12 Defibrillator 9940 SNs: 36962630 & 36962632			Medtronic	35,834.09	16,082.25	4,232.54	20,314.78	15,519.31
Aug 08	(4) Commando Coats and Pants			Apollo Fire Equip	7,759.12	3,396.74	934.80	4,331.53	3,427.59
Sep 08	(1) Gas Monitor System			W J O'Neil Company	6,480.00	2,765.34	796.00	3,561.33	2,918.67
	2008 Transfer In								
Mar 09	(2) Galaxy Gas Sensing Units			Apollo Fire Equipment	2,749.02	974.78	380.19	1,354.97	1,394.05
Mar 09	(1) Panasonic ToughBk Laptop A1	9DKYA68105		Huron Valley Amb./Adve	3,966.00	2,809.25	578.38	3,387.63	578.38
Mar 09	(1) Panasonic ToughBk Laptop A2	9DKYA68137		Huron Valley Amb./Adve	3,966.00	2,809.25	578.38	3,387.63	578.38
Mar 09	(1) Panasonic ToughBk Laptop A3	9DKYA68172		Huron Valley Amb./Adve	3,966.00	2,809.25	578.38	3,387.63	578.38
Mar 09	(1) Panasonic ToughBk Laptop A4	9DKYA68173		Huron Valley Amb./Adve	3,966.00	2,809.25	578.38	3,387.63	578.38
Apr 09	(1) 2009 Ford F-350 Cr Cab DRW Pickl	A72338	1FTWW33F	Signature, Priority, Upper	40,589.58	18,569.73	6,605.95	25,175.69	15,413.89
Apr 09	(1) EA. Hurst Spreader, Cutter, Ram, Ram Ext, Pwr Unit, Hydr Re			Apollo Fire Equipment	29,820.00	7,324.54	3,374.32	10,698.86	19,121.14
Aug 09	(1/2) Konica Minolta C353 Copier (see also 371 Bldg Dept)			Konica Minolta	3,912.00	1,112.72	599.84	1,712.57	2,199.43
Oct 09	(1) Dell Optiplex 760 676BVK1	Sta 3 Radio Room		EDS	1,044.58	587.58	228.50	816.08	228.50
Oct 09	(1) Dell Optiplex 760 376BVK1	Sta 2 Radio Room		EDS to 201 about 3/1/20	1,044.58	587.58	228.50	816.08	228.50
Oct 09	(1) Dell Optiplex 760 476BVK1	Sta 1 Back Office		EDS	1,044.58	587.58	228.50	816.08	228.50
Oct 09	(1) Dell Optiplex 760 576 BVK1	Sta 1 Capt Office		EDS	1,044.58	587.58	228.50	816.08	228.50
2010	Current Year Additions								
Mar 10	Video Conferencing Equipment			Ci of Warren, Nat Sat C	10,421.20	1,860.93	1,834.34	3,695.27	6,725.93
Aug 10	Cabinets Fs #7 Apparatus Room			Belfor USA	2,950.00	184.38	414.84	599.22	2,350.78
					13,371.20				
	2011 Additions								
Dec 10	(1) 5 HP Air Compressor Station #1			Midwest Air Compresso	2,600.00		603.57	603.57	1,996.43
Dec 11	Water Hoses			Apollo Fire Equipment	6,448.60		115.15	115.15	6,333.45
					9,048.60				
	2011 Transfers In								
Aug 08	2008 Transfer In								
	2011 Transfer In								
	DEPT TOTAL				2,496,924.45	1,994,393.20	141,472.46	2,136,896.66	360,027.79
								360,027.79	
				Less: Township owned pre 1995 assets Included in this schedule (Net Book Value)					(10,060.90)
									349,966.89
							Township	75%	262,475.17
							City	25%	87,491.72

EQUIPMENT RESERVE FUND

**Charter Township of Plymouth
Equipment Reserve Fund
1995-2011**

Exhibit G

		<u>Contributions</u>	<u>Expenditures</u>	<u>Balance</u>	
	1995	\$ 328,277.00	\$ 34,151.72	\$ 294,125.28	
	1996	\$ 335,598.00	\$ 65,599.15	\$ 564,124.13	
	1997	\$ 281,677.00	\$ 62,353.47	\$ 783,447.66	
	1998	\$ 381,647.00	\$ 41,944.35	\$ 1,123,150.31	
	1999	\$ 181,352.00	\$ 189,209.07	\$ 1,115,293.24	
	2000	\$ 327,044.00	\$ 590,843.68	\$ 851,493.56	
	2001	\$ 127,852.00	\$ 42,710.00	\$ 936,635.56	
	2002	\$ 267,528.00	\$ 512,037.14	\$ 692,126.42	
	2003	\$ 250,359.00	\$ 77,120.01	\$ 865,365.41	
	2004	\$ 150,281.00	\$ 160,471.07	\$ 855,175.34	
	2005	\$ 49,946.00	\$ 103,073.34	\$ 802,048.00	
	2006	\$ 106,105.00	\$ 235,077.67	\$ 673,075.33	
	2007	\$ 52,000.00	\$ 14,778.42	\$ 710,296.91	
	2008	\$ 52,000.00	\$ 84,173.61	\$ 678,123.30	
	2009	\$ 52,000.00	\$ 97,112.92	\$ 633,010.38	
	2010	\$ 52,000.00	\$ 13,371.20	\$ 671,639.18	
	2011	\$ 52,000.00	\$ 298,483.57	\$ 425,155.61	
	Total	\$ 3,047,666.00	\$ 2,622,510.39	\$ 425,155.61	
			Township.	\$ 318,866.71	75%
			City	\$ 106,288.90	25%
			Total	\$ 425,155.61	

Post Termination Health Care OPEB

Medical, Optical, Dental

Charter Township of Plymouth
Plymouth Community Fire Dept.
Other Post Employment Benefits (OPEB) Cost Allocation Analysis
Through December 31 2013

Exhibit I

PLYMOUTH CHARTER TOWNSHIP											
A	B	C	D	E	F	G	H	I	J	K	L
NAME	PVB	AAL	Service Months	Joint Fire Months	City/Twp	% Joint E/D	% City or Twsp = 1 - G	Total OPEB Costs = J + K + I	City Liability = C X H	Township Liability = C X H	Joint Liability = C X G
Belsky, D	361,872	361,872	319	11	City	0.034483	0.965517241	361,872.11	349,393.76		12,478.35
Deagon, R					City						
Eldridge, D	678,715	678,715	336	124	City	0.369048	0.630952381	678,715.16	428,236.95		250,478.21
Lenaghan, T					City						
Mathews, A			393	63	City	0.160305	0.839694656				Unkown
Morrissey			319	11	City						Died
Valensky, J	504,503	504,503	328	150	City	0.457317	0.542682927	504,502.60	273,784.95		230,717.65
Warren, W	665,927	665,927	305	127	City	0.416393	0.583606557	665,927.04	388,639.39		277,287.65
Maas, C	56,509	56,509	395	0	Twp	0	1	56,509.00		56,509.00	
Miller, C	168,916	168,916	263	0	Twp	0	1	168,916.01		168,916.01	
Mothersbaugh, F	368,654	368,654	234	0	Twp	0	1	368,653.58		368,653.58	
Knupp, F	394,643	394,643	416	0	Twp	0	1	394,643.46		394,643.46	
Haar, J	579,087	579,087	342	155	Twp	0.453216	0.546783626	579,087.15		316,635.37	262,451.78
Hahn, D	605,018	605,018	323	131	Twp	0.405573	0.594427245	605,018.40		359,639.42	245,378.98
Honke, F	276,713	276,713	428	11	Twp	0.025701	0.974299065	276,713.09		269,601.30	7,111.79
King, M	463,981	463,981	347	178	Twp	0.512968	0.4870317	463,980.90		225,973.41	238,007.49
Maycock, R	558,561	558,561	436	160	Twp	0.366972	0.633027523	558,561.03		353,584.51	204,976.52
McDurmon, D	239,326	239,326	332	140	Twp	0.421687	0.578313253	239,326.45		138,405.66	100,920.79
Rainey, P	731,363	731,363	335	154	Twp	0.459701	0.540298507	731,362.73		395,154.19	336,208.54
VanVleck, C	279,839	279,839	384	103	Twp	0.268229	0.731770833	279,839.20		204,778.16	75,061.04
Wendel, M	116,307	116,307	390	203	Twp	0.520513	0.479487179	116,307.30		55,767.86	60,539.44
Westfall, G	553,590	553,590	344	125	Twp	0.363372	0.636627907	553,590.42		352,431.11	201,159.31
Abraham, R	116,000	46,400	124	124	Twp	1	0	46,399.99			46,399.99
Atkins, D	165,519	125,795	229	203	Twp	0.886463	0.113537	125,794.77		14,282.38	111,512.39
Bukis, P	119,650	47,860	122	122	Twp	1	0	47,859.88			47,859.88
Conely, P	80,259	32,104	124	124	Twp	1	0	32,103.57			32,103.57
Conroy, W	62,380	39,923	196	196	Twp	1	0	39,923.05			39,923.05
Fox, D	151,512	96,968	192	192	Twp	1	0	96,967.72			96,967.72
Gross, S	139,196	89,085	195	195	Twp	1	0	89,085.30			89,085.30
Harned, T	53,056	21,223	120	120	Twp	1	0	21,222.57			21,222.57
Harrell, J	100,374	64,239	191	191	Twp	1	0	64,239.13			64,239.13
Jury, J	130,048	130,048	293	203	Twp	0.692833	0.307167	130,048.35		39,946.59	90,101.76
Mack, C	145,723	93,263	192	192	Twp	1	0	93,262.61			93,262.61
Mallari, J	92,505	33,302	101	101	Twp	1	0	33,301.71			33,301.71
Mangan, G	96,587	23,181	76	76	Twp	1	0	23,180.98			23,180.98
Mann, C	142,654	108,417	233	203	Twp	0.871245	0.128755365	108,416.70		13,959.23	94,457.47
Perez, C	90,420	25,318	89	89	Twp	1	0				
Phillips, D	165,519	125,795	232	203	Twp	0.875	0.125	125,794.77		15,724.35	110,070.42
Ramsay, A	64,076	20,504	90	90	Twp	1	0				
Randall, J	73,926	26,613	113	113	Twp	1	0	26,613.18			26,613.18
Russo, C	77,217	74,128	293	203	Twp	0.692833	0.307167	74,128.17		22,769.75	51,358.42
Tefend, R	76,378	58,047	233	203	Twp	0.871245	0.128755365	58,047.38		7,473.91	50,573.47
Tirb, C	69,928	16,783	76	76	Twp	1	0				
Villet, G	93,129	22,351	76	76	Twp	1	0	22,350.85			22,350.85
Groth, L	274,509	274,509	405	91	Twp	0.224691	0.775308642	274,508.71		212,828.98	61,679.73
Jowsey, N	173,643	173,643	306	120	Twp	0.392157	0.607843137	173,642.78		105,547.57	68,095.21
	8,146,715	7,162,006						Liability 12/31/2011	7,099,400.89	1,440,055.04	4,093,225.79
											3,777,136.97
											X 25%
										Joint Costs @ 25%	944,284.24
								GRAND TOTAL	1,440,055.04	944,284.24	2,384,339.28
PVB: Present value of future retiree medical benefits (at valuation date)											
AAL: Actuarial Accrued Liability (or past service liability) - portion of PVB attributed to service earned at valuation date 12/31/2011											

PLYMOUTH TOWNSHIP
RETIREE MEDICAL PLAN
ACTUARIAL VALUATION REPORT
UNDER THE GOVERNMENTAL ACCOUNTING
STANDARDS BOARD
FOR YEAR END DECEMBER 31, 2011

WATKINS, ROSS & CO.
161 Ottawa Avenue, N.W., Suite 505
Grand Rapids, MI 49503-2769
(616) 456-9696

JUNE 2012

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SECTION 1 – INTRODUCTION AND CERTIFICATION

Watkins, Ross & Co. is an independent employee benefits consulting firm providing actuarial and administrative services to clients who sponsor qualified retirement and other post-employment benefits plans. Our firm maintains no relationships with any of our clients that might impair the objectivity of our work.

The calculations summarized in this report involve actuarial calculations that require assumptions about future events. We believe that the assumptions used in the report are within the range of possible assumptions that are reasonable and appropriate for the purposes for which they have been used. However, other assumptions are also reasonable and appropriate and their use would produce different results.

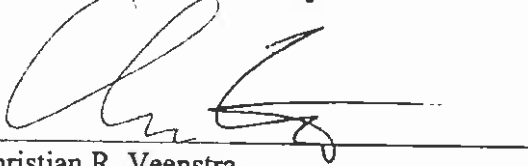
This report was prepared by or under the supervision of employees of Watkins, Ross & Co. who are enrolled actuaries (authorized under ERISA to certify pension valuations) who also have obtained, through formal training and actual work experience, the knowledge and skills required to prepare valuations of plans providing post-employment benefits other than pensions.

The schedules included in this report have been prepared in order to provide the information necessary to comply with the GASB Statement No. 45. This information may be used for the preparation of the plan sponsor's financial statements and may be inappropriate for other purposes.

This report was prepared on the basis of participant data provided by the plan sponsor and our understanding of the terms of the plan under which benefits are being provided. We relied upon the data as submitted, and have no reason to believe that any information that would have had a material effect on the results of this valuation was overlooked in the preparation of the report.

The enrolled actuary certifying this report represents himself as meeting the Qualification Standards of the American Academy of Actuaries to render actuarial opinions contained in the report.

Prepared and Certified by:



Christian R. Veenstra
Enrolled Actuary #11-05668

PLAN SPONSOR ACCOUNTING

STATEMENT NO. 45

FOR PERIOD ENDING DECEMBER 31, 2011

SECTION 2 – PLAN SPONSOR ACCOUNTING

2.1 OVERVIEW OF RESULTS

ONGOING VALUATION

	AFSCME TPOAM	COAM	IAFF	Non- represented	POAM Police Off.	POAM Dispatchers	Teamsters	Total
Present value of projected benefits	\$ 2,781,402	\$ 2,753,871	\$ 9,402,936	\$ 2,637,024	\$ 4,435,988	\$ 891,052	\$ 799,767	\$ 23,702,040
Actuarial accrued liability:								
Active employees	1,700,386	1,376,753	1,296,214	571,260	1,641,887	319,990	313,163	7,219,654
Retired employees	574,876	930,151	7,487,219	1,690,690	964,620	-0-	267,643	11,915,199
Total	2,275,263	2,306,904	8,783,433	2,261,950	2,606,508	319,990	580,806	19,134,853
Market value of assets	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Unfunded or (funded) status	2,275,263	2,306,904	8,783,433	2,261,950	2,606,508	319,990	580,806	19,134,853
Net Other Post-Employment Benefits (OPEB) cost:								
ARC	213,923	199,045	583,971	186,406	292,334	54,484	55,485	1,585,648
Interest on net OPEB obligation	33,910	26,769	100,443	23,713	55,286	12,688	9,578	262,386
ARC adjustment	(49,918)	(39,406)	(147,860)	(34,907)	(81,385)	(18,678)	(14,099)	(386,254)
Net OPEB cost	197,915	186,408	536,554	175,212	266,235	48,494	50,963	1,461,781

Reaume, Richard

From: Chris Veenstra <CVeenstra@watkinsross.com>
Sent: Wednesday, May 07, 2014 4:21 PM
To: Reaume, Richard
Subject: RE: Dec 31, 2011 OPEB Health - Fire dept
Attachments: Summary of liabilities for R Reume revised Fire.xlsx

Richard,

Attached. (includes 6 previously eliminate fires and Nancy Jousey)

Same password.

Chris

From: Reaume, Richard [<mailto:RReaume@plymouthtpw.org>]
Sent: Wednesday, May 07, 2014 3:43 PM
To: Chris Veenstra
Cc: Edwards, Ron
Subject: FW: Dec 31, 2011 OPEB Health - Fire dept

Chris,

Just add the six laid off firefighters and the one TPOAM admin asst – Nancy Jowsey to the attached spreadsheet.

NO highlighting is required.

Thank you,

Richard

From: Reaume, Richard
Sent: Monday, May 05, 2014 7:15 PM
To: 'Chris Veenstra'
Cc: Edwards, Ron
Subject: Dec 31, 2011 OPEB Health - Fire dept

Chris,

Please see the attached OPEB for the Fire Dept as of Dec 31, 2011, yes 2011.

Missing are 6 firefighters that were laid off in March 2012 and one administrative assistant Nancy Jowsey.

I believe you might have computed the original Dec 31, 2011 OPEB with those six firefighters included but then revised the Dec 31, 2011 because of the layoffs so it may be in your Excel files. We also need the admin assistant OPEB added as that is an OPEB cost of the fire department as of Dec 31, 2011 when the City of Plymouth terminated their participation in our joint Plymouth City and Plymouth Township fire dept.

Call if we need to discuss.

Thank you,

PLYMOUTH CHARTER TOWNSHIP

DIV2: Group Code (AFSME, COAM, IAF, non-represented, POAM - officers/dispatchers, Teamsters and TPOAM)

SPIND: Spouse indicator (followed by spouse's date of birth)

PVB: Present value of future retiree medical benefits (at valuation date)

AAL: Actuarial Accrued Liability (or past service liability) - portion of PVB attributed to service earned at valuation date 12/31/2011

SVC COST: Cost or value of one year of service - amount of present value earned in coming year (Note: if eligible to retire, svc cost=0)

DIV2	STATUS	NAME	SEX	DOB	DOH	DOR	SPIND	DOB2	PVB	AAL	SVC COST
AFS	R	Richardson Mike	M			1/3/2007	Y		226,497	226,497	0
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AFS	R	Whitmore Irene	F			5/2/2008	Y		156,676	156,676	0
AFS	R	Smith Timothy	M			1/16/2010	N		107,904	107,904	0
COA	R	Jarvis Jim	M			12/31/2006	Y		342,754	342,754	0
COA	R	Rapson Steven	M			6/30/2011	Y		539,022	539,022	0
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COA	A	Hayes David	M		11/20/1987				194,077	186,314	7,763
COA	A	Antal Robert	M		10/19/1985				243,555	243,555	0
COA	A	Schaefer Brian	M		10/12/1998				239,324	124,448	9,573
COA	A	Lauria Kevin	M		10/1/1990				275,050	242,044	11,002
COA	A	Brothers Jon Thomas	M		1/13/1997				220,221	132,133	8,809
COA	A	Seipenko Todd	M		8/17/1994				239,485	172,429	9,579
COA	A	Kudra Daniel	M		10/10/2000				249,371	119,698	9,975
COA	R	Wilson Dennis	M			10/19/2010	Y		48,375	48,375	0
IAF	R	Maas Carlos	M			9/1/1985	N		56,509	56,509	0
IAF	R	Warren William	M			9/1/2005	Y		665,927	665,927	0
IAF	R	Mothersbaug Frank	M			12/31/1992	Y		368,654	368,654	0
IAF	R	Knupp Fred	M			12/31/1994	Y		394,643	394,643	0
IAF	R	Belsky Donald	M			12/31/1995	Y		361,872	361,872	0
IAF	R	Honke Frederi	M			2/16/1996	Y		276,713	276,713	0
IAF	R	Eldridge Doug	M			6/1/2005	Y		678,715	678,715	0
IAF	R	Valensky Jim	M			8/27/2005	Y		504,503	504,503	0
IAF	R	Haar Jim	M			12/31/2007	Y		579,087	579,087	0
IAF	R	Rainey Paul	M			11/27/2007	Y		731,363	731,363	0
IAF	R	Maycock Randy	M			6/30/2008	Y		558,561	558,561	0
IAF	R	Miller Clayton	M			2/24/1995	N		168,916	168,916	0
IAF	R	VanVleck Chuck	M			9/5/2003	Y		279,839	279,839	0
IAF	R	Hahn Donald	M			12/31/2005	Y		605,018	605,018	0
IAF	R	Westfall Greg	M			6/30/2005	Y		553,590	553,590	0
IAF	R	McDurmon Donald	M			9/27/2006	N		239,326	239,326	0
IAF	R	King Martin	M			11/30/2009	Y		463,981	463,981	0
IAF	A	Abraham Richard	M		8/27/2001				116,000	46,400	4,640
IAF	A	Conely Patrick	M		8/20/2001				80,259	32,104	3,210
IAF	A	Wendel Mark	M		7/9/1979				116,307	116,307	0
IAF	A	Harned Terence	M		1/8/2002				53,056	21,223	2,122
IAF	A	Jury James	M		8/1/1987				130,048	130,048	0
IAF	A	Russo Charles	M		8/5/1987				77,217	74,128	3,089
IAF	A	Mack Christopher	M		12/29/1995				145,723	93,263	5,829
IAF	A	Mann Charles	M		8/13/1992				142,654	108,417	5,706
IAF	A	Tefend Ricky	M		8/13/1992				76,378	58,047	3,055
IAF	A	Phillips Daniel	M		9/2/1992				165,519	125,795	6,621
IAF	A	Atkins Daniel	M		11/16/1992				165,519	125,795	6,621
IAF	A	Conroy William	M		9/2/1995				62,380	39,923	2,495
IAF	A	Gross Scott Paul	M		10/16/1995				139,196	89,085	5,568
IAF	A	Fox David	M		12/26/1995				151,512	96,968	6,060
IAF	A	Harrell James	M		1/8/1996				100,374	64,239	4,015
IAF	A	Bukis Peter	M		10/24/2001				119,650	47,860	4,786
IAF	A	Randall Jeffrey	M		7/22/2002				73,926	26,613	2,957
IAF	A	Mallari Jeffrey	M		7/14/2003				92,505	33,302	3,700
IAF	A	Ramsay Alan	M		6/21/2004				64,076	20,504	2,563
IAF	A	Perez Christlne	F		7/6/2004				90,420	25,318	3,617
IAF	A	Mangan Gregory	M		9/12/2005				96,587	23,181	3,864
IAF	A	Villet Guy	M		9/14/2005				93,129	22,351	3,725

IAF	A	Tirb	Christopher	M	[REDACTED]	9/13/2005		69,928	16,783	2,797
Non	R	Nalepka	Mary	F	[REDACTED]	7/30/1999 Y	[REDACTED]	118,341	118,341	0
Non	R	Brooks	Mary	F	[REDACTED]	11/1/1996 Y	[REDACTED]	78,391	78,391	0
Non	R	Hagopian	Gertrud	F	[REDACTED]	8/30/1991 N	[REDACTED]	36,124	36,124	0
Non	R	Massengill	Marilyn	F	[REDACTED]	11/20/2008 N	[REDACTED]	63,137	63,137	0
Non	R	Rockwell	Herbert	M	[REDACTED]	12/29/2005 Y	[REDACTED]	160,849	160,849	0
Non	R	Rorabacher	Robert	M	[REDACTED]	2/4/1991 Y	[REDACTED]	85,779	85,779	0
Non	R	Berry	Carl	M	[REDACTED]	4/18/1997 Y	[REDACTED]	137,784	137,784	0
Non	R	Groth	Larry	M	[REDACTED]	9/19/2003 Y	[REDACTED]	274,509	274,509	0
Non	R	McIlhargey	Charlie	M	[REDACTED]	10/1/2001 Y	[REDACTED]	126,959	126,959	0
Non	R	Hood	Nancy	F	[REDACTED]	5/17/1997 N	[REDACTED]	28,052	28,052	0
Non	R	Barney	Shirely	F	[REDACTED]	11/18/2004 N	[REDACTED]	125,150	125,150	0
Non	A	Reaume	Richard	M	[REDACTED]	11/20/2004	[REDACTED]	49,106	34,374	4,911
Non	A	Janks	Robert	M	[REDACTED]	10/15/1996	[REDACTED]	111,962	83,971	5,598
Non	A	Edwards	Ronald	M	[REDACTED]	11/20/1996	[REDACTED]	103,798	81,946	5,463
Non	A	Hammye	Amy	F	[REDACTED]	10/25/2000	[REDACTED]	63,923	35,157	3,196
Non	A	Wallace	Ann	F	[REDACTED]	7/24/1995	[REDACTED]	67,878	57,697	3,394
Non	A	Lewis	Mark	M	[REDACTED]	1/7/2002	[REDACTED]	69,611	53,547	5,355
Non	A	Fellrath	Patrick	M	[REDACTED]	9/12/2005	[REDACTED]	107,129	35,710	5,101
Non	A	Bruce	Mary	F	[REDACTED]	3/11/2002	[REDACTED]	45,923	38,269	3,827
Non	A	Bridgman	Joseph	M	[REDACTED]	3/3/2003	[REDACTED]	107,504	48,377	5,375
Non	A	Bacyinski	Eric	M	[REDACTED]	1/13/2010	[REDACTED]	64,547	4,164	2,082
Non	A	Coobatis	Joann	F	[REDACTED]	2/5/2001	[REDACTED]	61,656	37,679	3,425
Non	A	Tiderington	Thomas	M	[REDACTED]	11/5/2001	[REDACTED]	93,298	60,369	5,488
Non	R	Hollis	Thomas	M	[REDACTED]	1/6/2012 N	[REDACTED]	64,967	64,967	0
Non	R	Fidh	Rich	M	[REDACTED]	10/31/2010 N	[REDACTED]	78,860	78,860	0
Non	R	Anulewicz	James D	M	[REDACTED]	10/16/2010 Y	[REDACTED]	256,878	256,878	0
Non	R	Smith	Robert	L	[REDACTED]	10/31/2010 Y	[REDACTED]	43,133	43,133	0
Non	R	Kozian	Philip	M	[REDACTED]	11/4/2009 Y	[REDACTED]	11,778	11,778	0
POA	A	Gauthier	Edward	M	[REDACTED]	10/10/1987	[REDACTED]	194,360	186,585	7,774
POA	A	Linton	Scott	M	[REDACTED]	5/26/1998	[REDACTED]	228,444	118,791	9,138
POA	A	Albrecht	Stephen	M	[REDACTED]	6/8/1999	[REDACTED]	239,792	124,692	9,592
POA	A	Rupard	Bryan	M	[REDACTED]	1/4/1999	[REDACTED]	187,072	97,277	7,483
POA	A	Cheston	Steven	M	[REDACTED]	7/23/1991	[REDACTED]	291,583	244,930	11,663
POA	A	Drake	John	M	[REDACTED]	8/19/1994	[REDACTED]	222,961	151,613	8,918
POA	A	Coffell	Steven John	M	[REDACTED]	8/26/1994	[REDACTED]	238,911	162,460	9,556
POA	A	Fetner	William	M	[REDACTED]	12/15/1995	[REDACTED]	158,494	107,776	6,340
POA	A	Linton	Marcy	F	[REDACTED]	11/6/2000	[REDACTED]	159,180	70,039	6,367
POA	A	Krebs	Ryan	M	[REDACTED]	11/12/2001	[REDACTED]	219,730	87,892	8,789
POA	A	Fritz	Michael	M	[REDACTED]	6/14/2004	[REDACTED]	183,193	51,294	7,328
POA	A	Rlpp	Jason	M	[REDACTED]	6/3/2007	[REDACTED]	109,937	21,987	4,397
POA	A	Rozum	Charles	M	[REDACTED]	9/29/2008	[REDACTED]	23,226	3,716	929
POA	A	Cloma	Bradley	M	[REDACTED]	5/16/2011	[REDACTED]	138,792	5,552	5,552
POA	A	McParland	Jeffrey	M	[REDACTED]	5/17/2011	[REDACTED]	153,642	6,146	6,146
POA	A	Tiderington	Scott	M	[REDACTED]	7/25/2011	[REDACTED]	138,387	0	5,536
POA	A	Jackson	Caitlin	F	[REDACTED]	10/31/2011	[REDACTED]	121,778	4,871	4,871
POA	A	Hayes	Jason	M	[REDACTED]	6/27/2002	[REDACTED]	211,990	76,316	8,480
POA	A	Hoffman	Marc	M	[REDACTED]	9/27/1999	[REDACTED]	249,894	119,949	9,996
POA	R	Senkbeil	Jamle	F	[REDACTED]	7/31/2010 Y	[REDACTED]	363,483	363,483	0
POA	R	Wood	Kathlee	F	[REDACTED]	2/2/2012 N	[REDACTED]	111,909	111,909	0
POA	R	Lego	Michael	M	[REDACTED]	10/31/2010 Y	[REDACTED]	489,228	489,228	0
PSA	A	Parrilla	Kathleen	F	[REDACTED]	12/7/1998	[REDACTED]	41,260	21,455	1,650
PSA	A	Innes	Donna	F	[REDACTED]	1/25/1999	[REDACTED]	29,979	15,589	1,199
PSA	A	Smlth	Stefanie	F	[REDACTED]	6/12/2000	[REDACTED]	120,642	57,908	4,826
PSA	A	Turley	Melanie	F	[REDACTED]	8/7/1998	[REDACTED]	69,313	36,043	2,773
PSA	A	Fell	Cynthia	F	[REDACTED]	5/13/2004	[REDACTED]	162,975	52,152	6,519
PSA	A	Berezak	Jennifer	F	[REDACTED]	12/26/2004	[REDACTED]	163,776	45,857	6,551
PSA	A	Bulmer	Cassandra	F	[REDACTED]	4/28/2007	[REDACTED]	151,040	30,208	6,042
PSA	A	Crowe	Ronald	M	[REDACTED]	10/3/2007	[REDACTED]	17,602	2,816	704
PSA	A	Clark	Kristina	F	[REDACTED]	2/26/2001	[REDACTED]	104,379	45,927	4,175
PSA	A	Yudt	Raymond	M	[REDACTED]	6/19/2001	[REDACTED]	30,087	12,035	1,203
TEA	R	Anderson	Carl	M	[REDACTED]	11/31/2009 Y	[REDACTED]	267,643	267,643	0

TEA	A	Courter	Robert	M	[REDACTED]	1/24/1994	74,681	53,771	2,987
TEA	A	Melow	Steve	M	[REDACTED]	1/9/1996	102,085	65,334	4,083
TEA	A	Thomas	James	M	[REDACTED]	1/9/1996	86,112	55,112	3,444
TEA	A	Overaitis	Joseph	M	[REDACTED]	4/18/2005	70,629	19,776	2,825
TEA	A	Bartlett	James	M	[REDACTED]	4/15/1996	85,439	51,263	3,418
TEA	A	Krueger	Randy	M	[REDACTED]	8/12/1996	113,178	67,907	4,527
TPO	A	Jowsey	Nancy	F	[REDACTED]	6/7/1985	173,643	173,643	0
TPO	A	Smith	Cheryl	F	[REDACTED]	9/3/1996	121,286	121,286	0
TPO	A	Pyykkonen	Carol	F	[REDACTED]	9/11/1989	202,125	202,125	0
TPO	A	Berry	Ronald	M	[REDACTED]	6/7/1999	195,673	146,755	12,230
TPO	A	Gordon	Cheryl	F	[REDACTED]	2/13/1986	208,163	154,636	5,948
TPO	A	Pawłowski	Donna	F	[REDACTED]	4/15/1998	117,190	117,190	0
TPO	A	Hunt	Nichole	F	[REDACTED]	7/18/1992	208,163	143,561	7,178
TPO	A	Haack	David	M	[REDACTED]	1/14/2002	157,470	112,478	11,248
TPO	A	Ledair	Diane	F	[REDACTED]	8/7/1997	171,599	133,466	9,533
TPO	A	Palmarчук	Cheri	F	[REDACTED]	12/12/2007	104,703	32,216	8,054
TPO	A	Pumphrey	Kathryn	F	[REDACTED]	12/8/1990	207,194	167,349	7,969
TPO	A	Krause	Paulette	F	[REDACTED]	7/9/2001	130,941	96,024	8,729
TPO	A	Vignoe	Susan	F	[REDACTED]	7/16/2001	208,374	99,657	9,060
							24,208,684	19,276,291	479,193

PLYMOUTH CHARTER TOWNSHIP

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AFS	R	Whitmore Irene	F			5/2/2008	Y		83,799	83,799	0
AFS	R	Smith Timothy	M			1/16/2010	N		156,676	156,676	0
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IAF	R	Warren William	M			9/1/2005	Y		56,509	56,509	0
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IAF	R	Valensky Jim	M			8/27/2005	Y		678,715	678,715	0
IAF	R	Haar Jim	M			12/31/2007	Y		504,503	504,503	0
IAF	R	Rainey Paul	M			11/27/2007	Y		579,087	579,087	0
IAF	R	Maycock Randy	M			6/30/2008	Y		731,363	731,363	0
IAF	R	Miller Clayton	M			2/24/1995	N		558,561	558,561	0
IAF	R	VanVleck Chuck	M			9/5/2003	Y		168,916	168,916	0
IAF	R	Hahn Donald	M			12/31/2005	Y		279,839	279,839	0
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IAF	A	Russo Charles	M		8/5/1987				130,048	130,048	0
IAF	A	Mack Christopher	M		12/29/1995				77,217	74,128	3,089
IAF	A	Mann Charles	M		8/13/1992				145,723	93,263	5,829
IAF	A	Tefend Ricky	M		8/13/1992				142,654	108,417	5,706
IAF	A	Phillips Daniel	M		9/2/1992				76,378	58,047	3,055
IAF	A	Atkins Daniel	M		11/16/1992				165,519	125,795	6,621
IAF	A	Conroy William	M		9/2/1995				165,519	125,795	6,621
IAF	A	Gross Scott Paul	M		10/16/1995				62,380	39,923	2,495
IAF	A	Fox David	M		12/26/1995				139,196	89,085	5,568
IAF	A	Harrell James	M		1/8/1996				151,512	96,968	6,060
IAF	A	Bukis Peter	M		10/24/2001				100,374	64,239	4,015
IAF	A	Randall Jeffrey	M		7/22/2002				119,650	47,860	4,786
IAF	A	Mallari Jeffrey	M		7/14/2003				73,926	26,513	2,957
IAF	A	Ramsay Alan	M		6/21/2004				92,505	33,302	3,700
IAF	A	Perez Christine	F		7/6/2004				64,076	20,504	2,563
IAF	A	Mangan Gregory	M		9/12/2005				90,420	25,318	3,617
IAF	A	Villet Guy	M		9/14/2005				96,587	23,181	3,864
									93,129	22,351	3,725

IAF	A	Tirb	Christopher	M	[REDACTED]	9/13/2005		69,928	16,783	2,797
Non	R	Nalepka	Mary	F	[REDACTED]	7/30/1999 Y	[REDACTED]	118,341	118,341	0
Non	R	Brooks	Mary	F	[REDACTED]	11/1/1996 Y	[REDACTED]	78,391	78,391	0
Non	R	Hagopian	Gertrud	F	[REDACTED]	8/30/1991 N	[REDACTED]	36,124	36,124	0
Non	R	Massengill	Marilyn	F	[REDACTED]	11/20/2008 N	[REDACTED]	63,137	63,137	0
Non	R	Rockwell	Herbert	M	[REDACTED]	12/29/2005 Y	[REDACTED]	160,849	160,849	0
Non	R	Rorabacher	Robert	M	[REDACTED]	2/4/1991 Y	[REDACTED]	85,779	85,779	0
Non	R	Berry	Carl	M	[REDACTED]	4/18/1997 Y	[REDACTED]	137,784	137,784	0
Non	R	Groth	Larry	M	[REDACTED]	9/19/2003 Y	[REDACTED]	274,509	274,509	0
Non	R	McIlhargey	Charlie	M	[REDACTED]	10/1/2001 Y	[REDACTED]	126,959	126,959	0
Non	R	Hood	Nancy	F	[REDACTED]	5/17/1997 N	[REDACTED]	28,052	28,052	0
Non	R	Barney	Shirely	F	[REDACTED]	11/18/2004 N	[REDACTED]	125,150	125,150	0
Non	A	Reaume	Richard	M	[REDACTED]	11/20/2004	[REDACTED]	49,106	34,374	4,911
Non	A	Janks	Robert	M	[REDACTED]	10/15/1996	[REDACTED]	111,962	83,971	5,598
Non	A	Edwards	Ronald	M	[REDACTED]	11/20/1996	[REDACTED]	103,798	81,946	5,463
Non	A	Hammye	Amy	F	[REDACTED]	10/25/2000	[REDACTED]	63,923	35,157	3,196
Non	A	Wallace	Ann	F	[REDACTED]	7/24/1995	[REDACTED]	67,878	57,697	3,394
Non	A	Lewis	Mark	M	[REDACTED]	1/7/2002	[REDACTED]	69,611	53,547	5,355
Non	A	Fellrath	Patrick	M	[REDACTED]	9/12/2005	[REDACTED]	107,129	35,710	5,101
Non	A	Bruce	Mary	F	[REDACTED]	3/11/2002	[REDACTED]	45,923	38,269	3,827
Non	A	Bridgman	Joseph	M	[REDACTED]	3/3/2003	[REDACTED]	107,504	48,377	5,375
Non	A	Bacynski	Eric	M	[REDACTED]	1/13/2010	[REDACTED]	64,547	4,164	2,082
Non	A	Coobatis	Joann	F	[REDACTED]	2/5/2001	[REDACTED]	61,656	37,679	3,425
Non	A	Tiderington	Thomas	M	[REDACTED]	11/5/2001	[REDACTED]	93,298	60,369	5,488
Non	R	Hollis	Thomas	M	[REDACTED]	1/6/2012 N	[REDACTED]	64,967	64,967	0
Non	R	Fidh	Rich	M	[REDACTED]	10/31/2010 N	[REDACTED]	78,860	78,860	0
Non	R	Anulewicz	James D	M	[REDACTED]	10/16/2010 Y	[REDACTED]	256,878	256,878	0
Non	R	Smith	Robert	L	[REDACTED]	10/31/2010 Y	[REDACTED]	43,133	43,133	0
Non	R	Kozian	Philip	M	[REDACTED]	11/4/2009 Y	[REDACTED]	11,778	11,778	0
POA	A	Gauthler	Edward	M	[REDACTED]	10/10/1987	[REDACTED]	194,360	186,585	7,774
POA	A	Linton	Scott	M	[REDACTED]	5/26/1998	[REDACTED]	228,444	118,791	9,138
POA	A	Albrecht	Stephen	M	[REDACTED]	6/8/1999	[REDACTED]	239,792	124,692	9,592
POA	A	Rupard	Bryan	M	[REDACTED]	1/4/1999	[REDACTED]	187,072	97,277	7,483
POA	A	Cheston	Steven	M	[REDACTED]	7/23/1991	[REDACTED]	291,583	244,930	11,663
POA	A	Drake	John	M	[REDACTED]	8/19/1994	[REDACTED]	222,961	151,613	8,918
POA	A	Coffell	Steven John	M	[REDACTED]	8/26/1994	[REDACTED]	238,911	162,460	9,556
POA	A	Fetner	William	M	[REDACTED]	12/15/1995	[REDACTED]	158,494	107,776	6,340
POA	A	Linton	Marcy	F	[REDACTED]	11/6/2000	[REDACTED]	159,180	70,039	6,367
POA	A	Krebs	Ryan	M	[REDACTED]	11/12/2001	[REDACTED]	219,730	87,892	8,789
POA	A	Fritz	Michael	M	[REDACTED]	6/14/2004	[REDACTED]	183,193	51,294	7,328
POA	A	Rlpp	Jason	M	[REDACTED]	6/3/2007	[REDACTED]	109,937	21,987	4,397
POA	A	Rozum	Charles	M	[REDACTED]	9/29/2008	[REDACTED]	23,226	3,716	929
POA	A	Cioma	Bradley	M	[REDACTED]	5/16/2011	[REDACTED]	138,792	5,552	5,552
POA	A	McParland	Jeffrey	M	[REDACTED]	5/17/2011	[REDACTED]	153,642	6,146	6,146
POA	A	Tiderington	Scott	M	[REDACTED]	7/25/2011	[REDACTED]	138,387	0	5,536
POA	A	Jackson	Caitlin	F	[REDACTED]	10/31/2011	[REDACTED]	121,778	4,871	4,871
POA	A	Hayes	Jason	M	[REDACTED]	6/27/2002	[REDACTED]	211,990	76,316	8,480
POA	A	Hoffman	Marc	M	[REDACTED]	9/27/1999	[REDACTED]	249,894	119,949	9,996
POA	R	Senkbeil	Jamie	F	[REDACTED]	7/31/2010 Y	[REDACTED]	363,483	363,483	0
POA	R	Wood	Kathlee	F	[REDACTED]	2/2/2012 N	[REDACTED]	111,909	111,909	0
POA	R	Lego	Michael	M	[REDACTED]	10/31/2010 Y	[REDACTED]	489,228	489,228	0
PSA	A	Parrilla	Kathleen	F	[REDACTED]	12/7/1998	[REDACTED]	41,260	21,455	1,650
PSA	A	Innes	Donna	F	[REDACTED]	1/25/1999	[REDACTED]	29,979	15,589	1,199
PSA	A	Smith	Stefanie	F	[REDACTED]	6/12/2000	[REDACTED]	120,642	57,908	4,826
PSA	A	Turley	Melanie	F	[REDACTED]	8/7/1998	[REDACTED]	69,313	36,043	2,773
PSA	A	Fell	Cynthia	F	[REDACTED]	5/13/2004	[REDACTED]	162,975	52,152	6,519
PSA	A	Berezak	Jennifer	F	[REDACTED]	12/26/2004	[REDACTED]	163,776	45,857	6,551
PSA	A	Bulmer	Cassandra	F	[REDACTED]	4/28/2007	[REDACTED]	151,040	30,208	6,042
PSA	A	Crowe	Ronald	M	[REDACTED]	10/3/2007	[REDACTED]	17,602	2,816	704
PSA	A	Clark	Kristina	F	[REDACTED]	2/26/2001	[REDACTED]	104,379	45,927	4,175
PSA	A	Yudt	Raymond	M	[REDACTED]	6/19/2001	[REDACTED]	30,087	12,035	1,203
TEA	R	Anderson	Carl	M	[REDACTED]	11/31/2009 Y	[REDACTED]	267,643	267,643	0

TEA	A	Courter	Robert	M	[REDACTED]	1/24/1994	74,681	53,771	2,987
TEA	A	Melow	Steve	M	[REDACTED]	1/9/1996	102,085	65,334	4,083
TEA	A	Thomas	James	M	[REDACTED]	1/9/1996	86,112	55,112	3,444
TEA	A	Overaitis	Joseph	M	[REDACTED]	4/18/2005	70,629	19,776	2,825
TEA	A	Bartlett	James	M	[REDACTED]	4/15/1996	85,439	51,263	3,418
TEA	A	Krueger	Randy	M	[REDACTED]	8/12/1996	113,178	67,907	4,527
TPO	A	Jowsey	Nancy	F	[REDACTED]	6/7/1985	173,643	173,643	0
TPO	A	Smith	Cheryl	F	[REDACTED]	9/3/1996	121,286	121,286	0
TPO	A	Pyykkonen	Carol	F	[REDACTED]	9/11/1989	202,125	202,125	0
TPO	A	Berry	Ronald	M	[REDACTED]	6/7/1999	195,673	146,755	12,230
TPO	A	Gordon	Cheryl	F	[REDACTED]	2/13/1986	208,163	154,636	5,948
TPO	A	Pawlowski	Donna	F	[REDACTED]	4/15/1998	117,190	117,190	0
TPO	A	Hunt	Nichole	F	[REDACTED]	7/18/1992	208,163	143,561	7,178
TPO	A	Haack	David	M	[REDACTED]	1/14/2002	157,470	112,478	11,248
TPO	A	Ledair	Diane	F	[REDACTED]	8/7/1997	171,599	133,466	9,533
TPO	A	Palmarчук	Cheri	F	[REDACTED]	12/12/2007	104,703	32,216	8,054
TPO	A	Pumphrey	Kathryn	F	[REDACTED]	12/8/1990	207,194	167,349	7,969
TPO	A	Krause	Paulette	F	[REDACTED]	7/9/2001	130,941	96,024	8,729
TPO	A	Vignoe	Susan	F	[REDACTED]	7/16/2001	208,374	99,657	9,060
							24,208,684	19,276,291	479,193

PLYMOUTH CHARTER TOWNSHIP

DIV2: Group Code (AFSCME, COAM, IAFF, non-represented, POAM - officers/dispatchers, Teamsters and TPOAM)
 SPIND: Spouse indicator (followed by spouse's date of birth)

PVB: Present value of future retiree medical benefits (at valuation date)

AAL: Actuarial Accrued Liability (or past service liability) - portion of PVB attributed to service earned at valuation date 12/31/2011

SVC COST: Cost or value of one year of service - amount of present value earned in coming year (Note: if eligible to retire, svc cost=0)

DIV2	STATUS	NAME	SEX	DOB	DOH	DOR	SPIND	DOB2	PVB	AAL	SVC COST
AFS	R	Richardson Mike	M			1/3/2007	Y		226,497	226,497	0
AFS	R	Kloc Ted	M			12/31/2007	N		83,799	83,799	0
AFS	R	Whitmore Irene	F			5/2/2008	Y		156,676	156,676	0
AFS	R	Smith Timothy	M			1/16/2010	N		107,904	107,904	0
COA	R	Jarvis Jim	M			12/31/2006	Y		342,754	342,754	0
COA	R	Rapson Steven	M			6/30/2011	Y		539,022	539,022	0
COA	A	Anderson Smi Eric	M		1/14/1988				162,638	156,132	6,506
COA	A	Hayes David	M		11/20/1987				194,077	186,314	7,763
COA	A	Antal Robert	M		10/19/1985				243,555	243,555	0
COA	A	Schaefer Brian	M		10/12/1998				239,324	124,448	9,573
COA	A	Lauria Kevin	M		10/1/1990				275,050	242,044	11,002
COA	A	Brothers Jon Thomas	M		1/13/1997				220,221	132,133	8,809
COA	A	Seipenko Todd	M		8/17/1994				239,485	172,429	9,579
COA	R	Kudra Daniel	M		10/10/2000				249,371	119,698	9,975
COA	R	Wilson Dennis	M			10/19/2010	Y		48,375	48,375	0
IAF	R	Maas Carlos	M			9/1/1985	N		56,509	56,509	0
IAF	R	Warren William	M			9/1/2005	Y		665,927	665,927	0
IAF	R	Mothersbaug Frank	M			12/31/1992	Y		368,654	368,654	0
IAF	R	Krupp Fred	M			12/31/1994	Y		394,643	394,643	0
IAF	R	Belsky Donald	M			12/31/1995	Y		361,872	361,872	0
IAF	R	Honke Frederi	M			2/16/1996	Y		276,713	276,713	0
IAF	R	Eldridge Doug	M			6/1/2005	Y		678,715	678,715	0
IAF	R	Valensky Jim	M			8/27/2005	Y		504,503	504,503	0
IAF	R	Haar Jim	M			12/31/2007	Y		573,087	573,087	0
IAF	R	Rainey Paul	M			11/27/2007	Y		731,363	731,363	0
IAF	R	Maycock Randy	M			6/30/2008	Y		558,561	558,561	0
IAF	R	Miller Clayton	M			2/24/1995	N		168,916	168,916	0
IAF	R	VanVleck Chuck	M			9/5/2003	Y		279,839	279,839	0
IAF	R	Hahn Donald	M			12/31/2005	Y		605,018	605,018	0
IAF	R	Westfall Greg	M			6/30/2005	Y		553,590	553,590	0
IAF	R	McDurmon Donald	M			9/27/2006	N		239,326	239,326	0
IAF	R	King Martin	M			11/30/2009	Y		463,981	463,981	0
IAF	A	Abraham Richard	M		8/27/2001				116,000	46,400	4,640
IAF	A	Conely Patrick	M		8/20/2001				80,259	32,104	3,210
IAF	A	Wendel Mark	M		7/9/1979				116,307	116,307	0
IAF	A	Hamed Terence	M		1/8/2002				53,056	21,223	2,122
IAF	A	Jury James	M		8/1/1987				130,048	130,048	0
IAF	A	Russo Charles	M		8/5/1987				77,217	74,128	3,089
IAF	A	Mack Christopher	M		12/29/1995				145,723	93,263	5,829
IAF	A	Mann Charles	M		8/13/1992				142,654	108,417	5,706
IAF	A	Tefend Ricky	M		8/13/1992				76,378	58,047	3,055
IAF	A	Phillips Daniel	M		9/2/1992				165,519	125,795	6,621
IAF	A	Atkins Daniel	M		11/16/1992				165,519	125,795	6,621
IAF	A	Conroy William	M		9/2/1995				62,380	39,923	2,495
IAF	A	Gross Scott Paul	M		10/16/1995				139,196	89,085	5,568
IAF	A	Fox David	M		12/26/1995				151,512	96,968	6,060
IAF	A	Harrell James	M		1/8/1996				100,374	64,239	4,015
IAF	A	Bukis Peter	M		10/24/2001				119,650	47,860	4,786
IAF	A	Randall Jeffrey	M		7/22/2002				73,926	26,613	2,957
IAF	A	Mallari Jeffrey	M		7/14/2003				92,505	33,302	3,700
IAF	A	Ramsay Alan	M		6/21/2004				64,076	20,504	2,563
IAF	A	Perez Christine	F		7/6/2004				90,420	25,318	3,617
IAF	A	Mangan Gregory	M		9/12/2005				96,587	23,181	3,864
IAF	A	Villet Guy	M		9/14/2005				93,129	22,351	3,725

IAF	A	Tirb	Christopher	M	[REDACTED]	9/13/2005						
Non	R	Nalepka	Mary	F	[REDACTED]		7/30/1999 Y	[REDACTED]	69,928	16,783	2,797	
Non	R	Brooks	Mary	F	[REDACTED]		11/1/1996 Y	[REDACTED]	118,341	118,341	0	
Non	R	Hagopian	Gertrud	F	[REDACTED]		8/30/1991 N	[REDACTED]	78,391	78,391	0	
Non	R	Massengill	Marilyn	F	[REDACTED]		11/20/2008 N	[REDACTED]	36,124	36,124	0	
Non	R	Rockwell	Herbert	M	[REDACTED]		12/29/2005 Y	[REDACTED]	63,137	63,137	0	
Non	R	Rorabacher	Robert	M	[REDACTED]		2/4/1991 Y	[REDACTED]	160,849	160,849	0	
Non	R	Berry	Carl	M	[REDACTED]		4/18/1997 Y	[REDACTED]	85,779	85,779	0	
Non	R	Groth	Larry	M	[REDACTED]		9/19/2003 Y	[REDACTED]	137,784	137,784	0	
Non	R	McIlhargey	Charlie	M	[REDACTED]		10/1/2001 Y	[REDACTED]	274,509	274,509	0	
Non	R	Hood	Nancy	F	[REDACTED]		5/17/1997 N	[REDACTED]	126,959	126,959	0	
Non	R	Barney	Shirely	F	[REDACTED]		11/18/2004 N	[REDACTED]	28,052	28,052	0	
Non	A	Reaume	Richard	M	[REDACTED]	11/20/2004			125,150	125,150	0	
Non	A	Janks	Robert	M	[REDACTED]	10/15/1996			49,106	34,374	4,911	
Non	A	Edwards	Ronald	M	[REDACTED]	11/20/1996			111,962	83,971	5,598	
Non	A	Hammye	Amy	F	[REDACTED]	10/25/2000			103,798	81,946	5,463	
Non	A	Wallace	Ann	F	[REDACTED]	7/24/1995			63,923	35,157	3,196	
Non	A	Lewis	Mark	M	[REDACTED]	1/7/2002			67,878	57,697	3,394	
Non	A	Fellrath	Patrick	M	[REDACTED]	9/12/2005			69,611	53,547	5,355	
Non	A	Bruce	Mary	F	[REDACTED]	3/11/2002			107,129	35,710	5,101	
Non	A	Bridgman	Joseph	M	[REDACTED]	3/3/2003			45,923	38,269	3,827	
Non	A	Bacyinski	Eric	M	[REDACTED]	1/13/2010			107,504	48,377	5,375	
Non	A	Coobatis	Joann	F	[REDACTED]	2/5/2001			64,547	4,164	2,082	
Non	A	Tiderington	Thomas	M	[REDACTED]	11/5/2001			61,656	37,679	3,425	
Non	R	Hollis	Thomas	M	[REDACTED]		1/6/2012 N		93,298	60,369	5,488	
Non	R	Fidh	Rich	M	[REDACTED]		10/31/2010 N		64,967	64,967	0	
Non	R	Amolewicz	James D	M	[REDACTED]		10/16/2010 Y	[REDACTED]	78,860	78,860	0	
Non	R	Smith	Robert	L	[REDACTED]		10/31/2010 Y	[REDACTED]	256,878	256,878	0	
Non	R	Kozian	Philip	M	[REDACTED]		11/4/2009 Y	[REDACTED]	43,133	43,133	0	
POA	A	Gauthier	Edward	M	[REDACTED]	10/10/1987			11,778	11,778	0	
POA	A	Linton	Scott	M	[REDACTED]	5/26/1998			194,360	186,585	7,774	
POA	A	Albrecht	Stephen	M	[REDACTED]	6/8/1999			228,444	118,791	9,138	
POA	A	Rupard	Bryan	M	[REDACTED]	1/4/1999			232,792	124,692	9,592	
POA	A	Cheston	Steven	M	[REDACTED]	7/23/1991			187,072	97,277	7,483	
POA	A	Drake	John	M	[REDACTED]	8/19/1994			291,583	244,930	11,663	
POA	A	Coffell	Steven John	M	[REDACTED]	8/26/1994			222,961	151,613	8,918	
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POA	A	Krebs	Ryan	M	[REDACTED]	11/12/2001			159,180	70,039	6,367	
POA	A	Fritz	Michael	M	[REDACTED]	6/14/2004			219,730	87,892	8,789	
POA	A	Ripp	Jason	M	[REDACTED]	6/3/2007			183,193	51,294	7,328	
POA	A	Rozum	Charles	M	[REDACTED]	9/29/2008			109,937	21,987	4,397	
POA	A	Cioma	Bradley	M	[REDACTED]	5/16/2011			23,226	3,716	929	
POA	A	McParland	Jeffrey	M	[REDACTED]	5/17/2011			138,792	5,552	5,552	
POA	A	Tiderington	Scott	M	[REDACTED]	7/25/2011			153,642	6,146	6,146	
POA	A	Jackson	Caitlin	F	[REDACTED]	10/31/2011			138,387	0	5,536	
POA	A	Hayes	Jason	M	[REDACTED]	6/27/2002			121,778	4,871	4,871	
POA	A	Hoffman	Marc	M	[REDACTED]	9/27/1999			211,990	76,316	8,480	
POA	R	Senkbeil	Jamie	F	[REDACTED]		7/31/2010 Y	[REDACTED]	249,894	119,949	9,996	
POA	R	Wood	Kathlee	F	[REDACTED]		2/2/2012 N	[REDACTED]	363,483	363,483	0	
POA	R	Lego	Michael	M	[REDACTED]		10/31/2010 Y	[REDACTED]	111,909	111,909	0	
PSA	A	Parrilla	Kathleen	F	[REDACTED]	12/7/1998			489,228	489,228	0	
PSA	A	Innes	Donna	F	[REDACTED]	1/25/1999			41,260	21,455	1,650	
PSA	A	Smith	Stefanie	F	[REDACTED]	6/12/2000			29,979	15,589	1,199	
PSA	A	Turley	Melanie	F	[REDACTED]	8/7/1998			120,642	57,908	4,826	
PSA	A	Fell	Cynthia	F	[REDACTED]	5/13/2004			69,313	36,043	2,773	
PSA	A	Berezak	Jennifer	F	[REDACTED]	12/26/2004			162,975	52,152	6,519	
PSA	A	Bulmer	Cassandra	F	[REDACTED]	4/28/2007			163,776	45,857	6,551	
PSA	A	Crowe	Ronald	M	[REDACTED]	10/3/2007			151,040	30,208	6,042	
PSA	A	Clark	Kristina	F	[REDACTED]	2/26/2001			17,602	2,816	704	
PSA	A	Yudt	Raymond	M	[REDACTED]	6/19/2001			104,379	45,927	4,175	
TEA	R	Anderson	Carl	M	[REDACTED]		11/31/2009 Y	[REDACTED]	30,087	12,035	1,203	
									267,643	267,643	0	

TEA	A	Courter	Robert	M	[REDACTED]	1/24/1994	74,681	53,771	2,987
TEA	A	Melow	Steve	M	[REDACTED]	1/9/1996	102,085	65,334	4,083
TEA	A	Thomas	James	M	[REDACTED]	1/9/1996	86,112	55,112	3,444
TEA	A	Overaitis	Joseph	M	[REDACTED]	4/18/2005	70,629	19,776	2,825
TEA	A	Bartlett	James	M	[REDACTED]	4/15/1996	85,439	51,263	3,418
TEA	A	Krueger	Randy	M	[REDACTED]	8/12/1996	113,178	67,907	4,527
TPO	A	Jowsey	Nancy	F	[REDACTED]	6/7/1985	173,643	173,643	0
TPO	A	Smith	Cheryl	F	[REDACTED]	9/3/1996	121,286	121,286	0
TPO	A	Pyykkonen	Carol	F	[REDACTED]	9/11/1989	202,125	202,125	0
TPO	A	Berry	Ronald	M	[REDACTED]	6/7/1999	195,673	146,755	12,230
TPO	A	Gordon	Cheryl	F	[REDACTED]	2/13/1986	208,163	154,636	5,948
TPO	A	Pawlowski	Donna	F	[REDACTED]	4/15/1998	117,190	117,190	0
TPO	A	Hunt	Nichole	F	[REDACTED]	7/18/1992	208,163	143,561	7,178
TPO	A	Haack	David	M	[REDACTED]	1/14/2002	157,470	112,478	11,248
TPO	A	Ledair	Diane	F	[REDACTED]	8/7/1997	171,599	133,466	9,533
TPO	A	Palmarчук	Cheri	F	[REDACTED]	12/12/2007	104,703	32,216	8,054
TPO	A	Pumphrey	Kathryn	F	[REDACTED]	12/8/1990	207,194	167,349	7,969
TPO	A	Krause	Paulette	F	[REDACTED]	7/9/2001	130,941	96,024	8,729
TPO	A	Vignoe	Susan	F	[REDACTED]	7/16/2001	208,374	99,657	9,060
							24,208,684	19,276,291	479,193

Post Termination Retirement Benefit Cost - MERS

City Hired Firefighters

CITY OF PLYMOUTH

CITY OF PLYMOUTH / Fire Department Employees hired by the CITY
MERS Defined Benefit Plan - 100% of contributions made by Employer (CITY)
January 1, 1995 through December 31, 2011
UAL - Unfunded Accrued Liability

UAL - Unfunded Accrued Liability

Fire Fighters Division # 05	12/31/1994	366,430.00	
Fire Supervisors Division # 50	12/31/1994	<u>98,456.00</u>	
TOTAL UAL - Unfunded Accrued Liability			464,886.00

Annual Interest @ 8%

	1995	502,076.88
	1996	542,243.03
	1997	585,622.47
	1998	632,472.27
	1999	683,070.05
	2000	737,715.66
	2001	796,732.91
	2002	860,471.54
	2003	929,309.27
	2004	1,003,654.01
	2005	1,083,946.33
	2006	1,170,662.03
	2007	1,264,315.00
	2008	1,365,460.20
	2009	1,474,697.01
	2010	1,592,672.77
Expected UAL as of 12/31/2011	2011	1,720,086.59
MERS calculated UAL as of 12/31/2011		<u>1,606,870.00</u>
Overfunding as of 12/31/2011		113,216.59

**The Report of the
Forty-Ninth
Annual Actuarial Valuation
as of December 31, 1994**

**Covering the Participation of
The City of Plymouth**

8202 in the

**MICHIGAN
MUNICIPAL EMPLOYEES
RETIREMENT SYSTEM**

THE SEGAL COMPANY

**The Report of the
Forty-Ninth
ANNUAL ACTUARIAL VALUATION
as of December 31, 1994**

**Covering the Participation of
The City of Plymouth**

**in the
MICHIGAN MUNICIPAL EMPLOYEES RETIREMENT SYSTEM**

Submitted to

**The City Commission
Plymouth, Michigan**

and

**The Retirement Board
Michigan Municipal Employees Retirement System**

August, 1995

THE SEGAL COMPANY

Table 1

The City of Plymouth (8202)

Benefit Provisions Evaluated and/or Considered

Division Code	Valuation Division	Benefit Provisions	Member Contributions
01	General - DPW	B-3 F50 (25 Years) V-8 E (1/1/75) E-1 (07/01/74) E-2 (07/01/74)	0.0%
02	Police	B-3 25 and Out	0.0%
05	Fire	B-4 FAC-3 F50 (25 Years)	0.0%
10	General - Non-Union	B-3 F50 (25 Years) V-8 E (1/1/75) E-1 (07/01/74) E-2 (07/01/74)	0.0%
20	Police - Supervisors	B-3 F50 (25 Years) V-6	0.0%
50	Fire - Supervisors	B-4 FAC-3 F50 (25 Years) V-6	0.0%
11	General - Dispatchers	B-3 V-8 F50 (25 Years) E (1/1/75) E-1 (07/01/74) E-2 (07/01/74)	0.0%

THE SEGAL COMPANY

Table 12
The City of Plymouth
Value of Vested Benefits as of December 31, 1994

Type of Member	Present Value of Vested Benefits
Active Members	
General – DPW	\$326,251
Police	689,898
Fire	705,761
General – Non-Union	1,131,170
General – Dispatchers	12,980
Police – Supervisors	423,646
Fire – Supervisors	<u>281,843</u>
Totals	\$3,571,549
Vested Former Members	403,383
Retired Members and Beneficiaries	<u>4,517,309</u>
Total Value of Vested Benefits	\$8,492,241
Total Valuation Assets	\$10,126,689
Excess Value of Vested Benefits Over Valuation Assets	\$0

COMMENT: The value of vested benefits represents the present value of all benefits payable in the event that every active member terminated employment on December 31, 1994, based upon valuation interest and mortality assumptions.

Table 7

The City of Plymouth

Actuarial Accrued Liabilities and Valuation Assets December 31, 1994

	Actuarial Accrued Liabilities	Valuation Assets	Percent Funded	Unfunded Accrued Liabilities
Reserve for Employer Contributions:				
General - DPW	\$1,179,735	\$790,953		\$388,782
Police	1,492,409	1,000,584		491,825
Fire	1,111,908	745,478		366,430
General - Non-Union	2,533,798	1,698,783		835,015
General - Dispatchers	162,091	108,674		53,417
Police - Supervisors	1,023,261	686,045		337,216
Fire - Supervisors	<u>298,759</u>	<u>200,303</u>		<u>98,456</u>
Totals	\$7,801,961	\$5,230,819	67.0%	\$2,571,142
Reserve for Employee Contributions				
General - DPW	\$24,347	\$24,347		
Police	154,960	154,960		
Fire	103,180	103,180		
General - Non-Union	11,307	11,307		
General - Dispatchers	0	0		
Police - Supervisors	46,801	46,801		
Fire - Supervisors	<u>37,966</u>	<u>37,966</u>		
Totals	\$378,561	\$378,561	100.0%	\$0
Reserve for Retired Benefit Payments	<u>\$4,517,309</u>	<u>\$4,517,309</u>	<u>100.0%</u>	<u>\$0</u>
Municipality Totals	\$12,697,834	\$10,126,689	79.8%	\$2,571,145

The above valuation assets reflect year end reserve transfers required to make the reserve for retired benefit payments exactly 100% funded.

For 1994, valuation assets are equal to 1.0875 times book value

Table 8

The City of Plymouth

**Computed Employer Contributions to the Retirement System
For the Fiscal Year Beginning July 1, 1996**

Valuation Division	Employer Contributions As Percentages of Payroll and Dollars		
	Normal Cost	Unfunded Accrued Liability	Totals
<u>Cost as Percentage of Payroll</u>			
General - DPW	10.82 %	3.82 %	14.64 %
Police	8.89	4.68	13.57
Fire	10.22	5.94	16.17
General - Non-Union	12.21	4.21	16.42
General - Dispatchers	11.30	2.98	14.28
Police - Supervisors	9.11	5.09	14.20
Fire - Supervisors	10.75	8.97	19.72
<u>Annual Dollar Contributions*</u>			
General - DPW	\$62,535	\$22,079	\$84,614
Police	53,024	27,931	80,955
Fire	35,791	20,810	56,601
General - Non-Union	137,639	47,421	185,060
General - Dispatchers	11,517	3,034	14,551
Police - Supervisors	34,239	19,151	53,390
Fire - Supervisors	6,700	5,591	12,292
Totals	<u>\$341,445</u>	<u>\$146,017</u>	<u>\$487,463</u>
<u>Quarterly Dollar Contributions*</u>			
General - DPW	\$15,634	\$5,520	\$21,154
Police	13,256	6,983	20,239
Fire	8,948	5,202	14,150
General - Non-Union	34,410	11,855	46,265
General - Dispatchers	2,879	758	3,638
Police - Supervisors	8,560	4,788	13,347
Fire - Supervisors	1,675	1,398	3,073
Totals	<u>\$85,362</u>	<u>\$36,504</u>	<u>\$121,866</u>

* Based on valuation payroll, projected to the middle of the ensuing fiscal year.

The projection factor is equal to 1.10250.

Unfunded accrued liabilities, if any, are financed over a period of 30 years.

See Table 9 for the required contributions after applying the Accelerated Funding Credits.

Table 9
The City of Plymouth
Accelerated Funding Credit and Final Required Contribution
For the Fiscal Year Beginning July 1, 1996

Valuation Division	Quarterly Dollar Contributions		
	Regular Contribution From Table 8	Accelerated Funding Credit	Required Contribution
General - DPW	\$21,154	\$7,201	\$13,953
Police	20,239	6,889	13,349
Fire	14,150	4,817	9,333
General - Non-Union	46,265	15,749	30,516
General - Dispatchers	3,638	1,238	2,399
Police - Supervisors	13,347	4,543	8,804
Fire - Supervisors	<u>3,073</u>	<u>1,046</u>	<u>2,027</u>
Totals	\$121,866	\$41,483	\$80,381

Table 10-C

The City of Plymouth

Fire

Computed Employer Contributions - Comparative Statement

Valuation Date December 31,	Active Members		Employer Contribution as Percent of Payroll	
	Number	Annual Payroll	Regular Contribution	After Accelerated Funding Credit
1985	8	\$280,896	14.19 %	0.00 %
1986	7	280,340	14.24	0.00
1987	7	290,776	13.77	0.00
1988	7	304,034	14.40	0.00
1989	7	297,075	14.60	0.00
1990	7	323,678	14.80	0.00
1991	7	349,524	14.90	3.30
1992	7	347,133	16.90	5.10
1993	7	345,490	10.65	4.89
1994	5 ✓	317,585	16.17	10.66

Notes: Actuarial assumptions were revised for MERS valuations in 1981, 1984, 1987 and 1993.

Table 10-F

The City of Plymouth

Fire - Supervisors

Computed Employer Contributions - Comparative Statement

Valuation Date December 31,	Active Members		Employer Contribution as Percent of Payroll	
	Number	Annual Payroll	Regular Contribution	After Accelerated Funding Credit
1987	1	\$43,364	16.12 %	0.00 %
1988	1	42,485	16.20	0.00
1989	1	42,872	16.40	0.00
1990	1	45,880	16.50	0.00
1991	1	50,201	16.50	3.60
1992	1	49,848	16.30	4.90
1993	1	51,383	10.61	4.87
1994	1	56,524	19.72	13.01

Notes: Actuarial assumptions were revised for MERS valuations in 1981, 1984, 1987 and 1993.

Fall 2012

Plymouth, City of

In care of:
Municipal Employees' Retirement System of Michigan
1134 Municipal Way
Lansing, Michigan 48917

Subject: Plymouth, City of (8202) – December 31, 2011 Annual Actuarial Valuation Results Summary

This letter includes the determination of liabilities and contribution rates resulting from participation by the above-named municipality in the Municipal Employees' Retirement System of Michigan ("MERS").

Please note this letter is a summary of the final December 31, 2011 valuation results.

Our calculations were based on the following information:

- Demographic information, financial information and benefit provisions provided to us by MERS administrative staff for the December 31, 2011 annual valuation. Data was checked for internal consistency with the prior year, but was not otherwise audited by us.
- The actuarial assumptions and methods adopted by the Retirement Board for use in the December 31, 2011 annual valuation. Please refer to the division-specific assumptions described in table(s) in this letter, and to the Appendix on the MERS website at: <http://www.mersofmich.com/Appendix>.

The results of our calculations are shown in the table(s) beginning on page 3 of this letter. These are the final results of the December 31, 2011 annual actuarial valuation.

The undersigned actuaries are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion herein. Please see the following page for additional disclosures required by the Actuarial Standards of Practice.

If you have questions, please contact your MERS representative.

Sincerely,

Alan Sonnanstine, MAAA, ASA
Cathy Nagy, MAAA, FSA
Jim Koss, MAAA, ASA

Additional Disclosures Required by Actuarial Standards of Practice

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Due to the limited scope of the actuary's assignment, the actuary did not perform an analysis of the potential range of such future measurements.

This report should not be relied on for any purpose other than the purpose described in the primary communication. Determination of the financial results associated with the benefits described in this report in a manner other than the intended purpose may produce significantly different results.

The signing actuaries are employees of MERS.

The calculation was based upon information furnished by the employer and MERS administrative staff, concerning Retirement System benefits and member information. The MERS of Michigan Actuarial Services Department is not responsible for the accuracy or completeness of the information provided to us for these calculations.

The developed findings included in this report consider data or other information through December 31, 2011.

Plymouth, City of (8202) - GnrI DPW (01)
December 31, 2011 Actuarial Valuation Results

Division Status	Closed	Actuarial Accrued Liability	
Division Link Status	Not Linked	Active Members	\$ 358,885
Benefit Provisions		Retirees and Beneficiaries	1,331,226
Benefit Multiplier		Vested Former Members	82,064
Benefit B-3 (80% max)		Pending Refunds	0
		Total	\$ 1,772,175
Normal Retirement Age	60	Valuation Assets ¹	\$ 1,393,194
Vesting	8 years	Unfunded Accrued Liability (UAL)	\$ 378,981
Early Retirement (Unreduced)	50/25	Percent Funded	78.6%
	-	Amortization Period	
Early Retirement (Reduced)	55/15	For Positive UAL	10 years
	-	For Negative UAL	10 years
Final Average Compensation	5 years	Employer Contribution	
COLA for Future Retirees		For Fiscal Year Beginning	7/1/2013
2.50% (Non-Compound)		Percentage of Payroll	
COLA for Current Retirees		Normal Cost	-
2.50% (Non-Compound)		Amortization of UAL	-
Member Contributions		Total Employer Contribution	-
0%		Estimated Monthly Contribution ²	
RS50% Percentage	-	Normal Cost	\$ 335
D-2	-	Amortization of UAL	3,803
DC Plan for New Hires	7/1/1998	Total Employer Contribution	\$ 4,138
		Annual GASB ARC	\$ 49,656
Active Members		Division-Specific Assumptions	
Number	1	Withdrawal Rate Scaling Factor	100%
Annual Payroll	\$ 61,490	FAC Increase Factor	1%
Retirees and Beneficiaries			
Number	12		
Annual Benefits	\$ 135,598		
Vested Former Members			
Number	1		
Annual Deferred Benefits	\$ 7,160		

¹ Valuation assets are equal to 1.205815 times the reported market value of assets.

² For divisions that are open to new hires, estimated contributions are based on valuation payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts (usually higher). For divisions that will have no new hires, invoices will be based on the above dollar amounts which are based on projected fiscal year payroll.

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix on the MERS website at: <http://www.mersofmich.com/Appendix>.

Plymouth, City of (8202) - Pol POAM (02)
December 31, 2011 Actuarial Valuation Results

Division Status	Closed	Actuarial Accrued Liability	
Division Link Status	Not Linked	Active Members	\$ 0
Benefit Provisions		Retirees and Beneficiaries	5,883,348
Benefit Multiplier		Vested Former Members	85,580
3.2% Multiplier (80% max)		Pending Refunds	0
		Total	\$ 5,968,928
Normal Retirement Age	60	Valuation Assets ¹	\$ 1,932,733
Vesting	10 years	Unfunded Accrued Liability (UAL)	\$ 4,036,195
Early Retirement (Unreduced)	25 and Out	Percent Funded	32.4%
	-	Amortization Period	
Early Retirement (Reduced)	55/15	For Positive UAL	10 years
	-	For Negative UAL	10 years
Final Average Compensation	3 years	Employer Contribution	
COLA for Future Retirees		For Fiscal Year Beginning	7/1/2013
2.50% (Non-Compound)		Percentage of Payroll	
COLA for Current Retirees		Normal Cost	-
None		Amortization of UAL	-
Member Contributions		Total Employer Contribution	-
1%		Estimated Monthly Contribution ²	
RS50% Percentage	-	Normal Cost	\$ 0
D-2	-	Amortization of UAL	39,310
DC Plan for New Hires	7/1/1997	Total Employer Contribution	\$ 39,310
		Annual GASB ARC	\$ 471,720
Active Members		Division-Specific Assumptions	
Number	0	Withdrawal Rate Scaling Factor	0%
Annual Payroll	\$ 0	FAC Increase Factor	0%
Retirees and Beneficiaries			
Number	19		
Annual Benefits	\$ 501,273		
Vested Former Members			
Number	2		
Annual Deferred Benefits	\$ 10,846		

¹ Valuation assets are equal to 1.205815 times the reported market value of assets.

² For divisions that are open to new hires, estimated contributions are based on valuation payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts (usually higher). For divisions that will have no new hires, invoices will be based on the above dollar amounts which are based on projected fiscal year payroll.

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix on the MERS website at: <http://www.mersofmich.com/Appendix>.

Plymouth, City of (8202) - Fire (05)
December 31, 2011 Actuarial Valuation Results

Division Status	Closed	Actuarial Accrued Liability	
Division Link Status	Not Linked	Active Members	\$ 0
Benefit Provisions		Retirees and Beneficiaries	3,377,225
Benefit Multiplier		Vested Former Members	0
2.8% Multiplier (80% max)		Pending Refunds	0
		Total	\$ 3,377,225
Normal Retirement Age	60	Valuation Assets ¹	\$ 1,770,355
Vesting	10 years	Unfunded Accrued Liability (UAL)	\$ 1,606,870
Early Retirement (Unreduced)	25 and Out	Percent Funded	52.4%
	-	Amortization Period	
Early Retirement (Reduced)	55/15	For Positive UAL	18 years
	-	For Negative UAL	10 years
Final Average Compensation	3 years	Employer Contribution	
COLA for Future Retirees		For Fiscal Year Beginning	7/1/2013
None		Percentage of Payroll	
COLA for Current Retirees		Normal Cost	-
None		Amortization of UAL	-
Member Contributions		Total Employer Contribution	-
7%		Estimated Monthly Contribution ²	
RS50% Percentage	-	Normal Cost	\$ 0
D-2	-	Amortization of UAL	10,200
		Total Employer Contribution	\$ 10,200
		Annual GASB ARC	\$ 138,972
Active Members		Division-Specific Assumptions	
Number	0	Withdrawal Rate Scaling Factor	0%
Annual Payroll	\$ 0	FAC Increase Factor	0%
Retirees and Beneficiaries			
Number	7		
Annual Benefits	\$ 315,825		
Vested Former Members			
Number	0		
Annual Deferred Benefits	\$ 0		

¹ Valuation assets are equal to 1.205815 times the reported market value of assets.

² For divisions that are open to new hires, estimated contributions are based on valuation payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts (usually higher). For divisions that will have no new hires, invoices will be based on the above dollar amounts which are based on projected fiscal year payroll.

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix on the MERS website at: <http://www.mersofmich.com/Appendix>.

Plymouth, City of (8202) - Gnl NonUnion (10)
December 31, 2011 Actuarial Valuation Results

Division Status	Closed	Actuarial Accrued Liability	
Division Link Status	Not Linked	Active Members	\$ 0
Benefit Provisions		Retirees and Beneficiaries	3,134,354
Benefit Multiplier		Vested Former Members	198,927
Benefit B-3 (80% max)		Pending Refunds	0
		Total	\$ 3,333,281
Normal Retirement Age	60	Valuation Assets¹	\$ 2,779,461
Vesting	8 years	Unfunded Accrued Liability (UAL)	\$ 553,820
Early Retirement (Unreduced)	50/25	Percent Funded	83.4%
	-	Amortization Period	
Early Retirement (Reduced)	55/15	For Positive UAL	10 years
	-	For Negative UAL	10 years
Final Average Compensation	5 years	Employer Contribution	
COLA for Future Retirees		For Fiscal Year Beginning	7/1/2013
2.50% (Non-Compound)		Percentage of Payroll	
COLA for Current Retirees		Normal Cost	-
2.50% (Non-Compound)		Amortization of UAL	-
Member Contributions		Total Employer Contribution	-
0%		Estimated Monthly Contribution²	
RS50% Percentage	-	Normal Cost	\$ 0
D-2	-	Amortization of UAL	5,284
DC Plan for New Hires	7/1/1998	Total Employer Contribution	\$ 5,284
		Annual GASB ARC	\$ 63,408
Active Members		Division-Specific Assumptions	
Number	0	Withdrawal Rate Scaling Factor	0%
Annual Payroll	\$ 0	FAC Increase Factor	0%
Retirees and Beneficiaries			
Number	18		
Annual Benefits	\$ 314,070		
Vested Former Members			
Number	4		
Annual Deferred Benefits	\$ 31,927		

¹ Valuation assets are equal to 1.205815 times the reported market value of assets.

² For divisions that are open to new hires, estimated contributions are based on valuation payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts (usually higher). For divisions that will have no new hires, invoices will be based on the above dollar amounts which are based on projected fiscal year payroll.

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix on the MERS website at: <http://www.mersofmich.com/Appendix>.

Plymouth, City of (8202) - GnrI Dsptchr (11)
December 31, 2011 Actuarial Valuation Results

Division Status	Closed	Actuarial Accrued Liability	
Division Link Status	Not Linked	Active Members	\$ 0
Benefit Provisions		Retirees and Beneficiaries	80,243
Benefit Multiplier		Vested Former Members	77,955
Benefit B-3 (80% max)		Pending Refunds	0
		Total	\$ 158,198
Normal Retirement Age	60	Valuation Assets ¹	\$ 456,829
Vesting	8 years	Unfunded Accrued Liability (UAL)	\$ (298,631)
Early Retirement (Unreduced)	50/25	Percent Funded	288.8%
	-	Amortization Period	
Early Retirement (Reduced)	55/15	For Positive UAL	10 years
	-	For Negative UAL	10 years
Final Average Compensation	5 years	Employer Contribution	
COLA for Future Retirees		For Fiscal Year Beginning	7/1/2013
2.50% (Non-Compound)		Percentage of Payroll	
COLA for Current Retirees		Normal Cost	-
2.50% (Non-Compound)		Amortization of UAL	-
Member Contributions		Total Employer Contribution	-
0%		Estimated Monthly Contribution ²	
RS50% Percentage	-	Normal Cost	\$ 0
D-2	-	Amortization of UAL	(3,353)
DC Plan for New Hires	7/1/1998	Total Employer Contribution	\$ 0
		Annual GASB ARC	\$ 0
Active Members		Division-Specific Assumptions	
Number	0	Withdrawal Rate Scaling Factor	0%
Annual Payroll	\$ 0	FAC Increase Factor	0%
Retirees and Beneficiaries			
Number	1		
Annual Benefits	\$ 6,500		
Vested Former Members			
Number	2		
Annual Deferred Benefits	\$ 13,349		

¹ Valuation assets are equal to 1.205815 times the reported market value of assets.

² For divisions that are open to new hires, estimated contributions are based on valuation payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts (usually higher). For divisions that will have no new hires, invoices will be based on the above dollar amounts which are based on projected fiscal year payroll.

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix on the MERS website at: <http://www.mersofmich.com/Appendix>.

Plymouth, City of (8202) - Pol Sprvsrs (20)
December 31, 2011 Actuarial Valuation Results

Division Status	Closed	Actuarial Accrued Liability	
Division Link Status	Not Linked	Active Members	\$ 663,458
Benefit Provisions		Retirees and Beneficiaries	1,313,353
Benefit Multiplier		Vested Former Members	44,238
3.2% Multiplier (80% max)		Pending Refunds	0
		Total	\$ 2,021,049
Normal Retirement Age	60	Valuation Assets ¹	\$ 105,836
Vesting	6 years	Unfunded Accrued Liability (UAL)	\$ 1,915,213
Early Retirement (Unreduced)	25 and Out	Percent Funded	5.2%
	-	Amortization Period	
Early Retirement (Reduced)	55/15	For Positive UAL	10 years
	-	For Negative UAL	10 years
Final Average Compensation	5 years	Employer Contribution	
COLA for Future Retirees		For Fiscal Year Beginning	7/1/2013
2.50% (Non-Compound)		Percentage of Payroll	
COLA for Current Retirees		Normal Cost	-
None		Amortization of UAL	-
Member Contributions		Total Employer Contribution	-
0%		Estimated Monthly Contribution ²	
RS50% Percentage	-	Normal Cost	\$ 1,107
D-2	-	Amortization of UAL	18,563
DC Plan for New Hires	7/1/1999	Total Employer Contribution	\$ 19,670
		Annual GASB ARC	\$ 236,040
Active Members		Division-Specific Assumptions	
Number	1	Withdrawal Rate Scaling Factor	100%
Annual Payroll	\$ 99,836	FAC Increase Factor	1%
Retirees and Beneficiaries			
Number	2		
Annual Benefits	\$ 119,766		
Vested Former Members			
Number	1		
Annual Deferred Benefits	\$ 5,029		

¹ Valuation assets are equal to 1.205815 times the reported market value of assets.

² For divisions that are open to new hires, estimated contributions are based on valuation payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts (usually higher). For divisions that will have no new hires, invoices will be based on the above dollar amounts which are based on projected fiscal year payroll.

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix on the MERS website at: <http://www.mersofmich.com/Appendix>.

Post Termination Retirement Benefit Cost - MERS

Township Hired Firefighters

**Actuarial Accrued Liabilities and Valuation Assets for Plymouth, Chtr Twp of
(8238)
As of December 31, 2011**

Table 6

Division	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
02 - POAM/COAM				
Active Members	\$ 7,402,661	\$ 4,896,174	66.1%	\$ 2,506,487
Vested Former Members	207,719	207,719	100.0%	0
Retirees And Beneficiaries	4,352,406	4,352,406	100.0%	0
Pending Refunds	98,094	98,094	100.0%	0
Total	\$ 12,060,880	\$ 9,554,393	79.2%	\$ 2,506,487
05 - Fire Dept.				
Active Members	\$ 5,559,495	\$ 2,417,639	43.5%	\$ 3,141,856
Vested Former Members	4,258	4,258	100.0%	0
Retirees And Beneficiaries	4,818,575	4,818,575	100.0%	0
Pending Refunds	0	0	100.0%	0
Total	\$ 10,382,328	\$ 7,240,472	69.7%	\$ 3,141,856
50 - Fire Chief				
Active Members	\$ 500,685	\$ 602,013	120.2%	\$ (101,328)
Vested Former Members	0	0	100.0%	0
Retirees And Beneficiaries	177,111	137,841	77.8%	39,270
Pending Refunds	0	0	100.0%	0
Total	\$ 677,796	\$ 739,854	109.2%	\$ (62,058)
Total Municipality				
Active Members	\$ 13,462,841	\$ 7,915,826	58.8%	\$ 5,547,015
Vested Former Members	211,977	211,977	100.0%	0
Retirees and Beneficiaries	9,348,092	9,308,822	99.6%	39,270
Pending Refunds	98,094	98,094	100.0%	0
Total Participants	\$ 23,121,004	\$ 17,534,719	75.8%	\$ 5,586,285

¹ Includes both employer and member assets.

Please see the Comments on the Investment Markets.

See the MERS Fiscal Responsibility Policy on the MERS website at:

http://www.mersofmich.com/Portals/0/Assets/PageResources/MERS/PlanDocument/Pension/sec_43c.pdf.

MERS

Assets and Valuation Assets for Plymouth, Chtr Twp of

12/31/11
890
5/31

	Actuarial Accrued Liability	Valuation Assets ¹	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
	\$ 7,402,661	\$ 4,896,174	66.1%	\$ 2,506,487
	207,719	207,719	100.0%	0
	4,352,406	4,352,406	100.0%	0
	<u>98,094</u>	<u>98,094</u>	100.0%	0
	\$ 12,060,880	\$ 9,554,393	79.2%	\$ 2,506,487
05 - Fire Dept. *				
Active Members	\$ 5,559,495	\$ 2,417,639	43.5%	\$ 3,141,856
Vested Former Members	4,258	4,258	100.0%	0
Retirees And Beneficiaries	4,818,575	4,818,575	100.0%	0
Pending Refunds	0	0	100.0%	0
Total	\$ 10,382,328	\$ 7,240,472	69.7%	\$ 3,141,856
50 - Fire Chief *				
Active Members	\$ 500,685	\$ 602,013	120.2%	\$ (101,328)
Vested Former Members	0	0	100.0%	0
Retirees And Beneficiaries	177,111	137,841	77.8%	39,270
Pending Refunds	0	0	100.0%	0
Total	\$ 677,796	\$ 739,854	109.2%	\$ (62,058)
Total Municipality				
Active Members	\$ 13,462,841	\$ 7,915,826	58.8%	\$ 5,547,015
Vested Former Members	211,977	211,977	100.0%	0
Retirees and Beneficiaries	9,348,092	9,308,822	99.6%	39,270
Pending Refunds	<u>98,094</u>	<u>98,094</u>	100.0%	0
Total Participants	\$ 23,121,004	\$ 17,534,719	75.8%	\$ 5,586,285

¹ Includes both employer and member assets.

$(3,141,856 - 62,058) = 3,079,798 \times 25\% = 769,949.50$ 12/31/2011
Please see the Comments on the Investment Markets.

See the MERS Fiscal Responsibility Policy on the MERS website at:

http://www.mersofmich.com/Portals/0/Assets/PageResources/MERS/PlanDocument/Pension/sec_43c.pdf.

$769,949.50 \times 1.08 = 831,545.46$ 12/31/2012

$831,545.46 \times .25 = 66,523.64 = \text{int} (2013)$

$831,545.46 + 66,523.64 = 898,069.10$

Post Termination

Earned but Unpaid
PTO – Paid Time Off

Vacation, Sick Time, Sick
Buy Back & Holiday Pay

Charter Township of Plymouth
Plymouth Community Fire Dept

Exhibit B

Vacation Accrual
December 31, 2011

	Vacation	Fica	Pension	
	Accrual	Accrual	Accrual	
	@ 12/31/2011	@ 7.65%	@ 16.04 % & 15.00%	Totals
Employee				
Phillips	7,358.48	562.92	1,180.30	9,101.70
Russo	7,971.69	609.83	1,278.66	9,860.18
Jury	7,971.69	609.83	1,278.66	9,860.18
Atkins	7,584.72	580.23	1,216.59	9,381.54
Fox	7,584.72	580.23	1,216.59	9,381.54
Gross	7,584.72	580.23	1,216.59	9,381.54
Mack	7,584.72	580.23	1,216.59	9,381.54
Mann	7,584.72	580.23	1,216.59	9,381.54
Tefend	7,584.72	580.23	1,216.59	9,381.54
Abraham	5,445.91	416.61	873.52	6,736.05
Bukis	5,445.91	416.61	873.52	6,736.05
Conely	5,445.91	416.61	873.52	6,736.05
Conroy	6,880.18	526.33	1,103.58	8,510.09
Harned	4,356.73	333.29	698.82	5,388.84
Harrell	7,624.28	583.26	1,222.93	9,430.47
Mallari	4,356.73	333.29	698.82	5,388.84
Mangan	4,356.73	333.29	698.82	5,388.84
Perez	4,356.73	333.29	698.82	5,388.84
Ramsay	4,356.73	333.29	698.82	5,388.84
Randall	4,356.73	333.29	698.82	5,388.84
Tirb	4,356.73	333.29	698.82	5,388.84
Villet	4,356.73	333.29	698.82	5,388.84
Wendel	8,992.70	687.94	-	9,680.64
Jowsey	3,769.69	288.38	565.45	4,623.52
				180,674.90
	147,268.60	11,266.05	22,140.25	180,674.90
703	2,420.16		75%	135,506.19
705	23,405.35		25%	45,168.71
706	18,187.33			
707	1,155.87			
	45,168.71			

Charter Township of Plymouth
Plymouth Community Fire Dept
Sick Accrual
December 31, 2011

Exhibit A

	Sick	Fica	
	Accrual	Accrual	
	@ 12/31/2011	@ 7.65%	Total
Employee			
Phillips	3,398.19	259.96	3,658.15
Russo	13,797.15	1,055.48	14,852.63
Jury	10,411.74	796.50	11,208.24
Atkins	13,127.40	1,004.25	14,131.65
Fox	13,127.40	1,004.25	14,131.65
Gross	13,127.40	1,004.25	14,131.65
Mack	3,919.99	299.88	4,219.87
Mann	13,127.40	1,004.25	14,131.65
Tefend	5,506.22	421.23	5,927.45
Abraham	6,693.93	512.09	7,206.02
Bukis	714.78	54.68	769.46
Conely	12,253.30	937.38	13,190.68
Conroy	55.19	4.22	59.41
Harned	856.60	65.53	922.13
Harrell	12,253.30	937.38	13,190.68
Mallari	2,127.31	162.74	2,290.05
Mangan	12,253.30	937.38	13,190.68
Perez	9,184.30	702.60	9,886.90
Ramsay	4,407.78	337.20	4,744.98
Randall	6,279.82	480.41	6,760.23
Tirb	4,878.63	373.22	5,251.85
Villet	12,253.30	937.38	13,190.68
Wendel	15,564.29	1,190.67	16,754.96
Jowsey	2,614.62	200.02	2,814.64
			206,616.24
	191,933.34	14,682.90	206,616.24
		75%	154,962.18
		25%	51,654.06
703	4,188.74		
705	24,113.08		
706	22,648.58		
707	703.66		
	51,654.06		

Charter Township of Plymouth
Plymouth Community Fire Dept
Sick Buy Back Accrual
December 31, 2011,

Exhibit D

	Sick Buy Back Accrual Amt @ 12/31/2011	Fica Accrual @ 7.65%	
Employee			
Phillips			
Russo	2,989.35	228.69	
Jury			
Atkins	2,376.30	181.79	
Fox	3,318.32	253.85	
Gross	1,628.77	124.60	
Mack			
Mann	2,333.76	178.53	
Tefend			
Abraham			
Bukis			
Conely	2,722.80	208.29	
Harned			
Harrell	2,178.24	166.64	
Mallari			
Mangan	2,972.39	227.39	
Perez			
Ramsay			
Randall			
Tirb			
Villet	2,563.97	196.14	
Wendel	542.03	41.47	
	23,625.93	1,807.38	25,433.31
		75%	19,074.99
		25%	6,358.33

Charter Township of Plymouth
Plymouth Community Fire Dept
Holiday Pay Accrual
December 31, 2011

Exhibit C

				Holiday Pay	Fica	Pension	
				Accrual	Accrual	Accrual	
Employee	Base Rate \$\$	\$\$ Rate/96					
		X	X	=	@ 7.65%	@ 16.04%	
Phillips	2759.43	28.74	60	1,724.64	131.94	276.63	
Russo	2759.43	28.74	60	1,724.64	131.94	276.63	
Jury	2759.43	28.74	60	1,724.64	131.94	276.63	
Atkins	2625.48	27.35	60	1,640.93	125.53	263.20	
Fox	2625.48	27.35	60	1,640.93	125.53	263.20	
Gross	2625.48	27.35	60	1,640.93	125.53	263.20	
Mack	2625.48	27.35	60	1,640.93	125.53	263.20	
Mann	2625.48	27.35	60	1,640.93	125.53	263.20	
Tefend	2625.48	27.35	60	1,640.93	125.53	263.20	
Abraham	2450.66	25.53	60	1,531.66	117.17	245.68	
Bukis	2450.66	25.53	60	1,531.66	117.17	245.68	
Conely	2450.66	25.53	60	1,531.66	117.17	245.68	
Harned	2450.66	25.53	60	1,531.66	117.17	245.68	
Harrell	2450.66	25.53	60	1,531.66	117.17	245.68	
Mallari	2450.66	25.53	60	1,531.66	117.17	245.68	
Mangan	2450.66	25.53	60	1,531.66	117.17	245.68	
Perez	2450.66	25.53	60	1,531.66	117.17	245.68	
Ramsay	2450.66	25.53	60	1,531.66	117.17	245.68	
Randall	2450.66	25.53	60	1,531.66	117.17	245.68	
Tirb	2450.66	25.53	60	1,531.66	117.17	245.68	
Villet	2450.66	25.53	60	1,531.66	117.17	245.68	
				33,399.43	2,555.06	5,357.27	41,311.76
						75%	30,983.82
						25%	10,327.94
Sixty hour multiplier represents twelve hours for five holidays between November 1, 2011 and December 31, 2011 as follows:							
Thanksgiving Day							
Friday After Thanksgiving Day							
Christmas Eve							
Christmas							
New Year's Eve							

Cumulative Fire Department Unpaid Invoices 2008 - 2011

Charter Township of Plymouth
Miscellaneous Accounts Receivable - General Fund
City of Plymouth Detail
2008 Through December 31, 2011

City Of Plymouth - Detail		Fire	Communications	Demerge	Total - Net
2008 City of Plymouth MERS Contribution	2008	(38,598.10)			
2008 Fire Year End		(24,804.23)			
2008 Communications Year End			25,653.75		
2008 Total	Yearly Increment	(63,402.33)	25,653.75	-	(37,748.58)
	Cumulative YTD	(63,402.33)	25,653.75	-	(37,748.58)
Oct 2009 Invoice #8237	2009	88,000.00			
2009 City of Plymouth MERS Contribution		(101,981.90)			
2009 Fire Year End		(102,732.97)			
2009 Communications Year End			7,454.06		
2009 Total	Yearly Increment	(116,714.87)	7,454.06	-	(109,260.81)
	Cumulative YTD	(180,117.20)	33,107.81	-	(147,009.39)
Sep 2010 Invoice #8463	2010	83,000.00			
Dec 2010 Cash Receipts Transactions		83,000.00			
2010 City of Plymouth MERS Contribution		(95,070.00)			
2010 Fire Year End		(49,570.59)			
2010 Communications Year End			(21,473.22)		
	Yearly Increment	21,359.41	(21,473.22)	-	(113.81)
	Cumulative YTD	(158,757.79)	11,634.59	-	(147,123.20)
May 2011 Fire Invoice #8590	2011	83,000.00			
Jul 2011 Fire Invoice #8617		83,000.00			
Jul 2011 Communications Invoice #8617			25,000.00		
Aug 2011 Fire Invoice #8629		83,000.00			
Aug 2011 Communications Invoice #8629			25,000.00		
Nov 2011 Fire Invoice #8678		83,000.00			
Nov 2011 Communications Invoice #8678			25,000.00		
2011 City of Plymouth MERS Contribution		(113,796.00)			
2011 Fire Year End		(2,320.47)			
2011 Communications Year End			(17,073.92)		
	Yearly Increment	215,883.53	57,926.08	-	273,809.61
	Cumulative YTD	57,125.74	69,560.67	-	126,686.41