

## **REQUIRED SUPPLEMENTARY INFORMATION**

**COUNTY OF MARQUETTE, MICHIGAN**

**MARQUETTE COUNTY  
MUNICIPAL EMPLOYEES RETIREMENT SYSTEM OF MICHIGAN  
DEFINED BENEFIT PENSION PLAN  
ANALYSIS OF FUNDING INFORMATION**

**SCHEDULE OF FUNDING PROGRESS**

Actuarial Valuation Date December 31	Actuarial Value of Assets	Actuarial Accrued Liability (AAL)	Unfunded Accrued Liability (UAL)	Funded Ratio	Annual Covered Payroll	UAAL as a Percentage of Covered Payroll
2004	\$40,640,732	\$58,203,010	\$17,562,278	70%	\$12,289,495	143%
2005	43,191,380	62,694,361	19,502,981	69%	10,851,221	180%
2006	46,346,569	66,294,228	19,947,659	70%	11,359,064	176%
2007	50,035,280	70,238,700	20,203,420	71%	11,357,337	178%
2008	51,707,133	75,416,330	23,709,197	69%	11,017,917	215%
2009	52,769,894	78,150,378	25,380,484	68%	11,066,585	229%
2010	54,460,076	80,418,321	25,958,245	68%	10,345,397	251%
2011	56,279,784	83,337,441	27,057,657	68%	10,310,783	262%
2012	58,512,946	86,460,322	27,947,376	68%	10,544,732	265%
2013	63,223,418	92,954,541	29,731,123	68%	10,929,601	272%

**SCHEDULE OF EMPLOYER/EMPLOYEE CONTRIBUTIONS**

Fiscal Year Ending December 31	Valuation Date December 31	Annual Required Contribution	Percentage Annual MERS Cost Contributed	Net Pension Obligation
2005	2003	\$2,246,631	100%	\$-
2006	2004	2,475,964	100%	-
2007	2005	2,603,741	100%	-
2008	2006	2,803,696	100%	-
2009	2007	2,744,870	100%	-
2010	2008	3,082,925	100%	-
2011	2009	3,353,595	100%	-
2012	2010	4,161,709	100%	-
2013	2011	4,489,328	100%	-
2014	2012	4,514,280	100%	-

**Notes to the Required Schedules**

The required contribution for the County of Marquette has been calculated to increase at the same rate as the projected increase in active member payroll (4.5% per year). The unfunded actuarial accrued liabilities were amortized as a level percent of active member payroll over a period of 15 years. A 30-year amortization period for unfunded actuarial accrued liabilities is the maximum period that complies with GASB requirements.

**COUNTY OF MARQUETTE, MICHIGAN**

**MARQUETTE COUNTY  
OTHER POST EMPLOYMENT BENEFITS  
ANALYSIS OF FUNDING INFORMATION**

**SCHEDULE OF FUNDING PROGRESS**

Fiscal Year Ending December 31	Actuarial Valuation Date December 31	Actuarial Value of Assets	Actuarial Accrued Liability (AAL)	Unfunded Accrued Liability (UAL)	Funded Ratio	Annual Covered Payroll	UAAL as a Percentage of Covered Payroll
2009	2006	\$-	\$74,999,443	\$74,999,443	0%	\$11,706,858	641%
2010	2008	-	54,235,470	54,235,470	0%	12,063,500	450%
2011	2008	-	54,235,470	54,235,470	0%	12,390,568	438%
2012	2011	-	57,182,276	57,182,276	0%	12,273,105	466%
2013	2011	-	57,182,276	57,182,276	0%	12,346,595	463%
2014	2013	-	56,322,534	56,322,534	0%	not available	not available

**SCHEDULE OF EMPLOYER CONTRIBUTIONS**

Fiscal Year Ending December 31	Valuation Date December 31	Annual Required Contribution	Actual Contribution	Percentage Annual OPEB Cost Contributed	Net OPEB Obligation
2009	2006	\$4,865,272	\$1,849,510	38%	\$3,015,762
2010	2008	3,146,037	2,005,706	64%	4,156,096
2011	2008	3,287,609	1,984,440	60%	5,429,264
2012	2011	3,255,035	1,946,718	60%	6,767,581
2013	2011	3,401,512	2,011,906	59%	8,157,187
2014	2013	3,335,465	2,031,577	61%	9,461,075

**Notes to the Required Schedules**

The required contribution for the County of Marquette has been calculated to increase at the same rate as the projected increase in active member payroll (4.5% per year). The unfunded actuarial accrued liabilities were amortized as a level percent of active member payroll over a period of 15 years. A 30-year amortization period for unfunded actuarial accrued liabilities is the maximum period that complies with GASB requirements.

**COUNTY OF MARQUETTE, MICHIGAN**

**COUNTY ROAD COMMISSION  
MUNICIPAL EMPLOYEES  
DEFINED BENEFIT PENSION PLAN  
ANALYSIS OF FUNDING INFORMATION**

**SCHEDULE OF FUNDING PROGRESS**

Actuarial Valuation Date December 31	(a) Actuarial Value of Assets	(b) Actuarial Accrued Liability	(b - a) Unfunded Accrued Liability (UAL)	(a / b) Funded Ratio	(c) Annual Covered Payroll	[(b - a) / c] UAAL as a Percentage of Covered Payroll
2004	\$9,113,598	\$17,146,651	\$8,033,053	53%	\$2,671,786	301%
2005	9,732,041	18,121,910	8,389,869	54%	2,728,736	307%
2006	10,361,813	20,058,082	9,696,269	52%	2,614,929	371%
2007	10,965,241	21,100,441	10,135,200	52%	2,435,205	416%
2008	11,273,705	22,498,915	11,225,210	50%	2,354,264	477%
2009	11,174,053	23,002,460	11,828,407	49%	2,275,286	520%
2010	11,228,114	23,613,570	12,385,456	48%	2,171,382	570%
2011	11,483,367	24,842,407	13,359,040	46%	2,228,657	599%
2012	11,680,192	25,299,118	13,618,926	46%	2,138,757	587%
2013	11,875,948	25,002,904	13,126,956	47%	2,263,916	580%

**SCHEDULE OF EMPLOYER/EMPLOYEE CONTRIBUTIONS**

Fiscal Year Ending September 30	Valuation Date December 31	Annual Required Contribution	Percentage Annual MERS Cost Contributed	Net Pension Obligation
2005	2004	\$625,119	100%	\$-
2006	2005	857,852	100%	-
2007	2006	765,489	100%	-
2008	2007	740,778	100%	-
2009	2008	992,345	100%	-
2010	2009	807,319	100%	-
2011	2010	879,563	100%	-
2012	2011	1,143,085	100%	-
2013	2012	1,158,584	100%	-
2014	2013	1,074,956	100%	-

**Notes to the Required Schedules**

The required contribution for the County of Marquette has been calculated to increase at the same rate as the projected increase in active member payroll (4.5% per year). The unfunded actuarial accrued liabilities were amortized as a level percent of active member payroll over a period of 15 years. A 30-year amortization period for unfunded actuarial accrued liabilities is the maximum period that complies with GASB requirements.

**COUNTY OF MARQUETTE, MICHIGAN**

**COUNTY ROAD COMMISSION  
OTHER POST EMPLOYMENT BENEFITS  
ANALYSIS OF FUNDING INFORMATION**

**SCHEDULE OF FUNDING PROGRESS**

Fiscal Year Ending September 30	Actuarial Valuation Date December 31	(a) Actuarial Value of Assets	(b) Actuarial Accrued Liability	(b - a) Unfunded Accrued Liability (UAL)	(a / b) Funded Ratio	(c) Annual Covered Payroll	[(b - a) / c] UAAL as a Percentage of Covered Payroll
2008	2006	\$-	\$10,786,041	\$10,786,041	0%	\$2,614,929	412%
2009	2006	-	10,786,041	10,786,041	0%	2,435,205	443%
2010	2006	-	10,786,041	10,786,041	0%	2,354,264	458%
2011	2009	510,465	9,698,377	9,187,912	5%	2,275,286	404%
2012	2009	510,465	9,698,377	9,187,912	5%	2,171,382	423%
2013	2009	510,465	9,698,377	9,187,912	5%	2,228,657	412%
2014	2009	510,465	9,698,377	9,187,912	5%	2,363,916	389%

**SCHEDULE OF EMPLOYER CONTRIBUTIONS**

Fiscal Year Ending September 30	Valuation Date December 31	Annual OPEB Cost	Percentage Annual OPEB Cost Contributed	Net OPEB Obligation
2008	2006	\$645,899	87%	\$87,641
2009	2006	674,964	58%	117,326
2010	2006	705,338	64%	379,430
2011	2009	622,566	95%	437,979
2012	2009	685,620	74%	615,759
2013	2009	707,568	62%	881,539
2014	2009	719,528	76%	1,054,250

**Notes to the Required Schedules**

The required contribution for the County of Marquette has been calculated to increase at the same rate as the projected increase in active member payroll (4.5% per year). The unfunded actuarial accrued liabilities were amortized as a level percent of active member payroll over a period of 28 years. A 30-year amortization period for unfunded actuarial accrued liabilities is the maximum period that complies with GASB requirements.