

Presentation of the Finance Committee

**September 24, 2007** 

**Bradley D. Viegut, Director** 

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#### **Summary of Financing Plans**



#### I. Borrowing Amount / Structure:

A. \$7,640,000 General Obligation Refunding Bonds

**Purpose:** Provides long-term financing of NAN issued July 31, 2007.

Term: Matures annually 2008-2021.

Call Provisions: Bonds maturing 2018-2021 callable 2017.

**Structure:** Four scenarios are attached targeting a 7% through 10% annual levy increase until the

combined debt service reaches a plateau.

B. \$6,375,000 General Obligation Refunding Bonds

**Purpose:** Refund two 1993 bonds issued for TIF's 7 and 8 for debt service savings.

Estimated Total Savings (after costs): \$278,918.

Term: Matures annually 2008-2012.

Call: Noncallable.

**Structure:** Does not change prior structure. Detailed analysis attached.

#### II. Standard & Poor's Rating (Recommended)

Baird, in conjunction with City Staff, will prepare the necessary information for an S & P rating for the Issue.

#### III. Procedure

- Finance Committee considers plans of finance: September 24, 2007.
- Council considers Finance Committee recommendation: October 2, 2007.
- ➤ Baird and City staff prepares necessary information and submits it to S & P for credit rating.
- Preparations are made for the issuance (compilation of Preliminary Official Statement, marketing).
- ➤ Baird underwrites the issues and presents available interest rates to the Council: October 16, 2007.

# BAIRD SCENARIO 1 7% Increase in Debt Service / Level Combined Debt Service

		EXISTING	FINAL \$7,500,000 NANs Dated: July 31, 2007 Due: December 27, 2007	\$7,640,000 G.O. Refunding Bonds Dated: November 1, 2007 14-Year Amortization		\$7,500 G.O. E Dated Jur 15-Year Ar	onds G.O. e 1, 2008 Dated Ju nortization 15-Year		60,000 Bonds ne 1, 2009 Amortization	NEW ISSUES		COMBINED	
LEVY YEAR	YEAR DUE	DEBT SERVICE (A)	INTEREST  AVG = 4.50%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 4.67%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 5.00%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 5.00%	DEBT SERVICE	FUTURE ISSUES (C)	NET DEBT SERVICE	GROWTH
2006	2007	\$7,405,071	\$137,813							\$0		\$7,405,071	
2007	2008	\$7,364,405	,	\$185,000	\$377,230					\$562,230		\$7,926,635	7.04%
2008	2009	\$7,383,501	NAN Principal and	\$265,000	\$340,813		\$562,500			\$1,168,313		\$8,551,814	7.89%
2009	2010	\$7,397,789	Interest Paid at	\$275,000	\$330,213	\$225,000	\$375,000		\$573,750	\$1,778,963		\$9,176,751	7.31%
2010	2011	\$7,650,339	Maturity with Bonds (B)	\$285,000	\$318,525	\$235,000	\$363,750	\$75,000	\$382,500	\$1,659,775	\$585,375	\$9,895,489	7.83%
2011	2012	\$7,884,683		\$295,000	\$306,413	\$250,000	\$352,000	\$150,000	\$378,750	\$1,732,163	\$987,250	\$10,604,095	7.16%
2012	2013	\$7,998,145		\$585,000	\$293,875	\$260,000	\$339,500	\$150,000	\$371,250	\$1,999,625	\$1,397,250	\$11,395,020	7.46%
2013	2014	\$8,487,140		\$610,000	\$269,013	\$270,000	\$326,500	\$155,000	\$363,750	\$1,994,263	\$1,815,625	\$12,297,028	7.92%
2014	2015	\$8,801,718		\$640,000	\$241,563	\$655,000	\$313,000		\$356,000	\$2,205,563	\$2,242,250	\$13,249,530	7.75%
2015	2016	\$9,366,418		\$670,000	\$212,763	\$690,000	\$280,250		\$356,000	\$2,209,013	\$2,677,125	\$14,252,555	7.57%
2016	2017	\$9,666,245		\$700,000	\$182,613	\$725,000	\$245,750	\$265,000	\$356,000	\$2,474,363	\$3,121,000	\$15,261,608	7.08%
2017	2018	\$7,808,665		\$730,000	\$151,113	\$760,000	\$209,500	\$1,010,000	\$342,750	\$3,203,363	\$5,229,500	\$16,241,528	6.42%
2018	2019	\$4,893,825		\$765,000	\$118,263	\$795,000	\$171,500	\$1,060,000	\$292,250	\$3,202,013	\$8,150,875	\$16,246,713	0.03%
2019	2020	\$2,932,761		\$800,000	\$83,838	\$835,000	\$131,750	\$1,110,000	\$239,250	\$3,199,838	\$10,109,250	\$16,241,849	-0.03%
2020	2021	\$1,629,693		\$835,000	\$43,838	\$880,000	\$90,000	\$1,165,000	\$183,750	\$3,197,588	\$11,406,875	\$16,234,155	-0.05%
2021	2022	\$1,662,131				\$920,000	\$46,000	\$1,225,000	\$125,500	\$2,316,500	\$12,263,375	\$16,242,006	0.05%
2022	2023	\$1,697,025						\$1,285,000	\$64,250	\$1,349,250	\$13,193,750	\$16,240,025	-0.01%
		\$110,029,552	\$137,813	\$7,640,000	\$3,270,068	\$7,500,000	\$3,807,000	\$7,650,000	\$4,385,750	\$34,252,818	\$73,179,500	\$217,461,870	

<sup>(</sup>A) Levy Supported; includes UFPL refinancing and is net of CVMIC revenues.

<sup>(</sup>B) Estimated investment earnings on Bond Proceeds from 10/1/07 to 12/27/07 at 5% is \$91,255; to be applied to Debt Service Account.

<sup>(</sup>C) Future Issues consist of a borrowing of \$7,805,000 in 2010 growing at 2% annually with an average interest rate of 5%.

#### SCENARIO 2 8% Increase in Debt Service / Level Combined Debt Service

		EXISTING	\$7,500,000 NANs Dated: July 31, 2007 Due: December 27, 2007	PRELIMINARY \$7,640,000 G.O. Refunding Bonds Dated: November 1, 2007 14-Year Amortization		\$7,500 G.O. E Dated Jur 15-Year An	Bonds G.O. I ne 1, 2008 Dated Jul		60,000 Bonds ne 1, 2009 Amortization	NEW ISSUES		COMBINED	
LEVY YEAR	YEAR DUE	DEBT SERVICE (A)	INTEREST  AVG =  4.50%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 4.66%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 5.00%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 5.00%	DEBT SERVICE	FUTURE ISSUES (C)	NET DEBT SERVICE	GROWTH
2006	2007	\$7,405,071	\$137,813							\$0		\$7.405.071	
2007	2008	\$7,364,405	<b>4.0.,0.0</b>	\$260,000	\$375,957					\$635,957		\$8,000,362	8.04%
2008	2009	\$7,383,501	NAN Principal and	\$300,000	\$336,638	\$65,000	\$562,500			\$1,264,138		\$8,647,639	8.09%
2009	2010	\$7,397,789	Interest Paid at	\$310,000	\$324,638	\$260,000	\$371,750	\$105,000	\$573,750	\$1,945,138		\$9,342,926	8.04%
2010	2011	\$7,650,339	Maturity with Bonds (B)	\$325,000	\$311,463	\$275,000	\$358,750	\$260,000	\$377,250	\$1,907,463	\$585,375	\$10,143,176	8.57%
2011	2012	\$7,884,683		\$340,000	\$297,650	\$285,000	\$345,000	\$455,000	\$364,250	\$2,086,900	\$987,250	\$10,958,833	8.04%
2012	2013	\$7,998,145		\$565,000	\$283,200	\$525,000	\$330,750	\$480,000	\$341,500	\$2,525,450	\$1,397,250	\$11,920,845	8.78%
2013	2014	\$8,487,140		\$590,000	\$259,188	\$555,000	\$304,500	\$505,000	\$317,500	\$2,531,188	\$1,915,625	\$12,933,953	8.50%
2014	2015	\$8,801,718		\$615,000	\$232,638	\$580,000	\$276,750	\$530,000	\$292,250	\$2,526,638	\$2,637,250	\$13,965,605	7.98%
2015	2016	\$9,366,418		\$645,000	\$204,963	\$610,000	\$247,750	\$555,000	\$265,750	\$2,528,463	\$3,152,125	\$15,047,005	7.74%
2016	2017	\$9,666,245		\$675,000	\$175,938	\$640,000	\$217,250	\$585,000	\$238,000	\$2,531,188	\$3,271,000	\$15,468,433	2.80%
2017	2018	\$7,808,665		\$705,000	\$145,563	\$670,000	\$185,250	\$615,000	\$208,750	\$2,529,563	\$5,111,250	\$15,449,478	-0.12%
2018	2019	\$4,893,825		\$735,000	\$113,838	\$705,000	\$151,750	\$645,000	\$178,000	\$2,528,588	\$8,033,625	\$15,456,038	0.04%
2019	2020	\$2,932,761		\$770,000	\$80,763	\$740,000	\$116,500	\$675,000	\$145,750	\$2,528,013	\$9,995,250	\$15,456,024	0.00%
2020	2021	\$1,629,693		\$805,000	\$42,263	\$775,000	\$79,500	\$710,000	\$112,000	\$2,523,763	\$11,301,125	\$15,454,580	-0.01%
2021	2022	\$1,662,131				\$815,000	\$40,750	\$745,000	\$76,500	\$1,677,250	\$12,115,625	\$15,455,006	0.00%
2022	2023	\$1,697,025						\$785,000	\$39,250	\$824,250	\$12,936,250	\$15,457,525	0.02%
		\$110,029,552	\$137,813	\$7,640,000	\$3,184,695	\$7,500,000	\$3,588,750	\$7,650,000	\$3,530,500	\$33,093,945	\$73,439,000	\$216,562,497	: :

<sup>(</sup>A) Levy Supported; includes UFPL refinancing and is net of CVMIC revenues.

<sup>(</sup>B) Estimated investment earnings on Bond Proceeds from 10/1/07 to 12/27/07 at 5% is \$91,255; to be applied to Debt Service Account.

<sup>(</sup>C) Future Issues consist of a borrowing of \$7,805,000 in 2010 growing at 2% annually with an average interest rate of 5%.

## SCENARIO 3 9% Increase in Debt Service / Level Combined Debt Service

		EXISTING	FINAL \$7,500,000 NANs Dated: July 31, 2007 Due: December 27, 2007	PRELIMINARY \$7,640,000 G.O. Refunding Bonds Dated: November 1, 2007 14-Year Amortization		\$7,500,000 G.O. Bonds Dated June 1, 2008 15-Year Amortization		\$7,650,000 G.O. Bonds Dated June 1, 2009 15-Year Amortization		NEW ISSUES		COMBINED	
LEVY YEAR	YEAR DUE	DEBT SERVICE (A)	INTEREST  AVG =  4.50%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 4.65%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 5.00%	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1) AVG = 5.00%	DEBT SERVICE	FUTURE ISSUES (C)	NET DEBT SERVICE	GROWTH
2006	2007	\$7,405,071	\$137,813							\$0		\$7.405.071	
2007	2008	\$7,364,405	• - ,	\$385,000	\$372,491					\$757,491		\$8,121,896	9.68%
2008	2009	\$7,383,501	NAN Principal and	\$425,000	\$328,438	\$215,000	\$562,500			\$1,530,938		\$8,914,439	9.76%
2009	2010	\$7,397,789	Interest Paid at	\$445,000	\$311,438	\$410,000	\$364,250	\$215,000	\$573,750	\$2,319,438		\$9,717,226	9.01%
2010	2011	\$7,650,339	Maturity with Bonds (B)	\$465,000	\$292,525	\$430,000	\$343,750	\$420,000	\$371,750	\$2,323,025	\$685,375	\$10,658,739	9.69%
2011	2012	\$7,884,683		\$480,000	\$272,763	\$455,000	\$322,250	\$440,000	\$350,750	\$2,320,763	\$1,432,250	\$11,637,695	9.18%
2012	2013	\$7,998,145		\$505,000	\$252,363	\$475,000	\$299,500	\$465,000	\$328,750	\$2,325,613	\$2,364,750	\$12,688,508	9.03%
2013	2014	\$8,487,140		\$525,000	\$230,900	\$500,000	\$275,750	\$485,000	\$305,500	\$2,322,150	\$3,018,375	\$13,827,665	8.98%
2014	2015	\$8,801,718		\$550,000	\$207,275	\$525,000	\$250,750	\$510,000	\$281,250	\$2,324,275	\$3,676,000	\$14,801,993	7.05%
2015	2016	\$9,366,418		\$575,000	\$182,525	\$550,000	\$224,500	\$535,000	\$255,750	\$2,322,775	\$3,112,125	\$14,801,318	0.00%
2016	2017	\$9,666,245		\$600,000	\$156,650	\$580,000	\$197,000	\$245,000	\$229,000	\$2,007,650	\$3,128,250	\$14,802,145	0.01%
2017	2018	\$7,808,665		\$625,000	\$129,650	\$605,000	\$168,000	\$635,000	\$216,750	\$2,379,400	\$4,612,500	\$14,800,565	-0.01%
2018	2019	\$4,893,825		\$655,000	\$101,525	\$640,000	\$137,750	\$670,000	\$185,000	\$2,389,275	\$7,517,525	\$14,800,625	0.00%
2019	2020	\$2,932,761		\$685,000	\$72,050	\$670,000	\$105,750	\$700,000	\$151,500	\$2,384,300	\$9,485,400	\$14,802,461	0.01%
2020	2021	\$1,629,693		\$720,000	\$37,800	\$705,000	\$72,250	\$740,000	\$116,500	\$2,391,550	\$10,778,025	\$14,799,268	-0.02%
2021	2022	\$1,662,131				\$740,000	\$37,000	\$775,000	\$79,500 \$40,750	\$1,631,500	\$11,505,775	\$14,799,406	0.00%
2022	2023	\$1,697,025						\$815,000	\$40,750	\$855,750	\$12,244,900	\$14,797,675	-0.01%
		\$110,029,552	\$137,813	\$7,640,000	\$2,948,391	\$7,500,000	\$3,361,000	\$7,650,000	\$3,486,500	\$32,585,891	\$73,561,250	\$216,176,693	

<sup>(</sup>A) Levy Supported; includes UFPL refinancing and is net of CVMIC revenues.

<sup>(</sup>B) Estimated investment earnings on Bond Proceeds from 10/1/07 to 12/27/07 at 5% is \$91,255; to be applied to Debt Service Account.

<sup>(</sup>C) Future Issues consist of a borrowing of \$7,805,000 in 2010 growing at 2% annually with an average interest rate of 5%.

# SCENARIO 4 10% Increase in Debt Service / Level Combined Debt Service

LEVY	YEAR	EXISTING DEBT	FINAL \$7,500,000 NANs Dated: July 31, 2007 Due: December 27, 2007	PRELIMINARY \$7,640,000 G.O. Refunding Bonds Dated: November 1, 2007 14-Year Amortization  PRINCIPAL INTEREST		\$7,500,000 G.O. Bonds Dated June 1, 2008 15-Year Amortization  PRINCIPAL INTEREST		\$7,650,000 G.O. Bonds Dated June 1, 200 15-Year Amortizatio  PRINCIPAL INTERE		NEW ISSUES DEBT	FUTURE	COMBINED NET DEBT	
YEAR	DUE	SERVICE (A)	AVG = 4.50%	(12/1)	(6/1 & 12/1) AVG = 4.64%	(12/1)	(6/1 & 12/1) AVG = 5.00%	(12/1)	(6/1 & 12/1) AVG = 5.00%	SERVICE	ISSUES (C)	SERVICE	GROWTH
2006	2007	\$7,405,071	\$137,813							\$0		\$7,405,071	
2007	2008	\$7,364,405		\$410,000	\$372,301					\$782,301		\$8,146,706	10.02%
2008	2009	\$7,383,501	NAN Principal and	\$425,000	\$327,263	\$270,000	\$562,500			\$1,584,763		\$8,968,264	10.08%
2009	2010	\$7,397,789	Interest Paid at	\$445,000	\$310,263	\$410,000	\$361,500	\$380,000	\$573,750	\$2,480,513		\$9,878,301	10.15%
2010	2011	\$7,650,339	Maturity with Bonds (B)	\$460,000	\$291,350	\$430,000	\$341,000	\$410,000	\$363,500	\$2,295,850	\$935,375	\$10,881,564	10.16%
2011	2012	\$7,884,683		\$480,000	\$271,800	\$450,000	\$319,500	\$430,000	\$343,000	\$2,294,300	\$1,794,750	\$11,973,733	10.04%
2012	2013	\$7,998,145		\$505,000	\$251,400	\$470,000	\$297,000	\$455,000	\$321,500	\$2,299,900	\$2,873,500	\$13,171,545	10.00%
2013	2014	\$8,487,140		\$525,000	\$229,938	\$495,000	\$273,500	\$475,000	\$298,750	\$2,297,188	\$3,710,125	\$14,494,453	10.04%
2014	2015	\$8,801,718		\$545,000	\$206,313	\$520,000	\$248,750	\$500,000	\$275,000	\$2,295,063	\$3,405,250	\$14,502,030	0.05%
2015	2016	\$9,366,418		\$570,000	\$181,788	\$545,000	\$222,750	\$525,000	\$250,000	\$2,294,538	\$2,840,125	\$14,501,080	-0.01%
2016	2017	\$9,666,245		\$600,000	\$156,138	\$300,000	\$195,500	\$100,000	\$223,750	\$1,575,388	\$3,260,500	\$14,502,133	0.01%
2017	2018	\$7,808,665		\$625,000	\$129,138	\$650,000	\$180,500	\$660,000	\$218,750	\$2,463,388	\$4,232,250	\$14,504,303	0.01%
2018	2019	\$4,893,825		\$655,000	\$101,013	\$685,000	\$148,000	\$690,000	\$185,750	\$2,464,763	\$7,143,875	\$14,502,463	-0.01%
2019	2020	\$2,932,761		\$680,000	\$71,538	\$720,000	\$113,750	\$725,000	\$151,250	\$2,461,538	\$9,106,750	\$14,501,049	-0.01%
2020	2021	\$1,629,693		\$715,000	\$37,538	\$760,000	\$77,750	\$760,000	\$115,000	\$2,465,288	\$10,405,375	\$14,500,355	0.00%
2021	2022	\$1,662,131				\$795,000	\$39,750	\$800,000	\$77,000	\$1,711,750	\$11,129,625	\$14,503,506	0.02%
2022	2023	\$1,697,025						\$740,000	\$37,000	\$777,000	\$12,026,250	\$14,500,275	-0.02%
		\$110,029,552	\$137,813	\$7,640,000	\$2,937,776	\$7,500,000	\$3,381,750	\$7,650,000	\$3,434,000	\$32,543,526	\$72,863,750	\$215,436,828	

<sup>(</sup>A) Levy Supported; includes UFPL refinancing and is net of CVMIC revenues.

<sup>(</sup>B) Estimated investment earnings on Bond Proceeds from 10/1/07 to 12/27/07 at 5% is \$91,255; to be applied to Debt Service Account.

<sup>(</sup>C) Future Issues consist of a borrowing of \$7,805,000 in 2010 growing at 2% annually with an average interest rate of 5%.



## City of Racine Summary of Refinancing 1993 Bonds (TIDs 7 & 8)

Analysis as of August 27, 2007 Insured/AA Underlying/NBQ

	BEFORE REFUNDING								AFTER REFUNDING								
	\$6,140,000 G.O. Ref. Bonds (TIF 7) June 1, 1993						TOTAL DEBT SERVICE	* * *	G.O. Ref. B	0,000 onds (TIF 7) 1, 1993	\$6,065,000 G.O. Ref. Bonds (TIF 8) Dated: June 1, 1993		\$6,375,000 G.O. Refunding Bonds Dated November 1, 2007			TOTAL NEW DEBT SERVICE	DEBT SERVICE SAVINGS
Calendar Year	PRINCIPAL (12/1)	RATE	INTEREST (6/1 & 12/1)	PRINCIPAL (12/1)	RATE	INTEREST (6/1 & 12/1)		* * * *	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1)	PRINCIPAL (12/1)	INTEREST (6/1 & 12/1)	PRINCIPAL (12/1)	RATE	INTEREST (6/1 & 12/1)		
2007 2008 2009 2010 2011 2012	\$550,000 \$575,000 \$600,000 \$625,000 \$675,000 \$700,000	5.75% 5.80% 5.80% 5.80% 5.80% 5.80%	\$215,775 \$184,150 \$150,800 \$116,000 \$79,750 \$40,600	\$525,000 \$560,000 \$600,000 \$625,000 \$675,000 \$700,000	5.75% 5.80% 5.80% 5.80% 5.80% 5.80%	\$213,468 \$183,280 \$150,800 \$116,000 \$79,750 \$40,600	\$1,504,243 \$1,502,430 \$1,501,600 \$1,482,000 \$1,509,500 \$1,481,200	* * * * * * * *	\$550,000 *** *** *** *** ***	\$215,775	\$525,000 *** *** *** *** ***	\$213,468	\$1,260,000 \$1,345,000	4.000% 4.250% 4.250%	\$287,016 \$218,338 \$168,938 \$115,388 \$58,225	\$1,504,243 \$1,452,016 \$1,453,338 \$1,428,938 \$1,460,388 \$1,428,225	\$0 \$50,414 \$48,263 \$53,063 \$49,113 \$52,975
	\$3,725,000	:	\$787,075	\$3,685,000	=	\$783,898	\$8,980,973	*	\$550,000	\$215,775	\$525,000	\$213,468	\$6,375,000		\$847,903	\$8,727,146	\$253,827
	CALLABLE MATURITIES									TO BE REFUI	NDED WITH 20	07 ISSUE.	Est Investmen GROSS SAV	nt Earning INGS	gs 11/1-12/1/20		. \$21,117 . <b>\$278,918</b>