

City of Franklin Community Development Authority

Tax Increment District #3 Cash Flow Model

December 28, 2009

Presented by:

Calvin A. Patterson

City of Franklin Director of Finance & Treasurer

MEMORANDUM

DATE: December 28, 2009
TO: Community Development Authority
FROM: Calvin A. Patterson, Director of Finance & Treasurer
RE: Report and Analysis of TID #3 Cash Flow Projection

Attached is a projection of tax increment revenue, expenditures, debt service payments and the net asset position for TID #3 based upon equalized values released by the Department of Revenue on August 15, 2009.

Summary Conclusions:

1. Actual development during the first four years of the TIF District was 164% of the development assumptions. The assumption that there will be no additional construction in the TIF District in 2009 or 2010 will reduce the actual development to 104% of the development assumptions
2. The growth to date in the increment value has come from the NM project and the ICON project.
3. The 2009 annual tax increment significantly exceeded the amount projected in the Project Plan. However the equalized value in this TIF District appears to have been significantly overstated for 2009. The overstatement approximates \$21 million in valuation. The Department of Revenue will be giving the Common Council two alternatives for correcting this issue. The more conservative option has been included in this cash flow projection.
4. The 27th Street project is the only remaining project to be completed. That project is dependant on the State's construction schedule and is estimated to be done in 2013. General expectations are that the cost of this remaining project will be greater than the limit established for the TID District and will require an amendment to the project plan and approval by the Joint Review Board at a future date.
5. The slowing of the pace of development may result in the need for TIF District #3 to extend its debt repayment obligations. This can be accomplished by a short term borrowing or an interfund advance from the City. For projection purposes it is being shown as an interfund advance without any commitment by the City to provide the advance.
6. Realization of the assumptions in this TID #3 analysis would result in the TIF District being funded in the year 2016. The TIF District would then be eligible to close with the tax increment released for year 2017. By that year the tax base generated will be \$142 million and the tax revenue generated will be \$2.9 million with a City share of approximately one third of that amount. The original project plan anticipated full funding of the TIF District in 2017.

The analysis is qualified to the following extent:

1. Realizing the stated assumptions determine the results of the projection.
2. The tax rate assumption is based on the actual equalized tax rate in effect in December 2007 less an assumed decline in tax rate of 1.0%. If the tax rate varies from the assumption it will have either a positive or negative impact on these projections.

**City of Franklin
TIF #3 Projection
Projected Cash Flow**

Year	Revenue					Expenditures					TIF Status					
	Tax Levy	Interest Income 3.00%	Computer Aid	Developer Loan Repayment	Grant & Debt Proceeds	Total Revenue	Debt Service		Project Costs	Admin Expenses	Total Expenditures	Yearly Cash Activity	Net Cash Balance	Note Balance	Net Debt Balance	Fund Balance
							Interest & Fees									
							Principal									
2005	-	60,525	-	-	3,905,571	3,966,096	66,036	-	906,440	61,554	1,034,030	2,932,066	2,932,066	-	3,905,571	(973,505)
2006	-	114,349	-	-	94,429	208,778	179,643	-	2,021,091	70,527	2,271,261	(2,062,483)	869,583	-	4,000,000	(3,130,417)
2007	251,402	102,647	317,482	130,950	16,700,000	17,502,481	693,528	-	17,280,607	75,136	18,049,271	(546,790)	322,793	10,000,000	9,700,000	622,793
2008	504,283	14,311	304,643	789,625	11,137,628	12,750,490	762,386	10,100,000	2,087,552	46,955	12,996,893	(246,403)	76,390	9,400,000	11,300,000	8,176,390
2009	1,535,719	12,292	353,993	792,679	800,000	3,494,682	810,508	2,115,000	597,756	30,000	3,553,264	(58,582)	17,808	8,785,000	10,600,000	8,802,808
2010	2,295,166	10,534	328,293	790,589	-	3,424,582	745,889	2,225,000	120,000	30,000	3,120,889	303,693	321,502	8,160,000	9,000,000	8,481,502
2011	1,467,053	9,645	311,879	793,255	-	2,581,831	675,580	1,640,000	-	30,000	2,345,580	236,251	557,753	7,520,000	8,000,000	8,077,753
2012	1,977,526	16,733	296,285	795,629	-	3,086,172	596,029	2,655,000	-	30,000	3,281,029	(194,857)	362,897	6,865,000	6,000,000	7,227,897
2013	2,130,551	10,887	281,470	797,710	2,100,000	5,320,619	519,735	3,170,000	1,900,000	30,000	5,619,735	(299,116)	63,780	6,195,000	5,600,000	6,258,780
2014	2,377,423	1,913	267,397	6,255,776	3,000,000	11,902,510	322,576	9,695,000	1,900,000	30,000	11,947,576	(45,067)	18,714	-	5,100,000	18,714
2015	2,574,990	561	254,027	-	-	2,829,578	112,500	2,700,000	-	30,000	2,842,500	(12,922)	5,792	-	2,400,000	5,792
2016	2,203,709	174	241,326	-	-	2,445,208	36,000	2,400,000	-	15,000	2,451,000	(5,792)	0	-	-	0

Debt Refinanced	(10,000,000)
TEA Grant	(1,000,000)
Developer Loan payments	(11,146,213)
Net Debt borrowed and repaid	26,737,628
	(1,146,213)
	4,374,197
	16,700,000
	16,813,446

Note: The taxable loan is considered revenue as repaid and the debt balance is net of the loan to developer.
The project may need to be extended if any of the projects exceed their projected cost

Assumptions:

- 1 Computer aid will decrease at 5% per year. In 2009 will increase by 300,000 reflecting NM second building
- 2 Payoff by 2017 represented to the Other Taxing Jurisdictions through the Joint Review Board

**City of Franklin
TIF #3 Projection
Projected Revenue**

Const. Year	Incr. Year	Revenue Year	Full Value Beginning of Year	Total Increment	DOR Adjustment	Inflation & Additional Increment	Cumulative Equalized Increment Value	Tax Rate	Increment Revenue Collected
2005	2006	2007	-	11,743,000		1,178,100	12,921,100	19.46	251,402
2006	2007	2008	12,921,100	8,668,000		3,315,300	24,904,400	20.25	504,283
2007	2008	2009	24,904,400	44,487,000		5,491,100	74,882,500	20.51	1,535,719
2008	2009	2010	74,882,500	15,432,000	10,000,000	5,587,800	105,902,300	21.67	2,295,166
2009	2010	2011	105,902,300	-	(42,000,000)	4,473,410	68,375,710	21.46	1,467,053
2010	2011	2012	68,375,710	-	21,000,000	3,722,878	93,098,588	21.24	1,977,526
2011	2012	2013	93,098,588	4,000,000		4,217,336	101,315,924	21.03	2,130,551
2012	2013	2014	101,315,924	8,500,000		4,381,682	114,197,606	20.82	2,377,423
2013	2014	2015	114,197,606	6,100,000		4,639,316	124,936,923	20.61	2,574,990
2014	2015	2016	124,936,923	7,432,000		4,854,102	137,223,025	20.40	2,799,928
2015	2016	2017	137,223,025	-		5,099,825	142,322,850	20.20	2,874,946
2016	2017	2018	142,322,850	-		5,201,821	147,524,671	20.00	2,950,224
2017	2018	2019	147,524,671	-		5,305,857	152,830,528	19.80	3,025,768
2018	2019	2020	152,830,528	-		5,411,975	158,242,502	19.60	3,101,586
2019	2020	2021	158,242,502	-		5,520,214	163,762,717	19.40	3,177,685
2020	2021	2022	163,762,717	-		5,630,618	169,393,335	19.21	3,254,074
2021	2022	2023	169,393,335	-		5,743,231	175,136,566	19.02	3,330,758
2022	2023	2024	175,136,566	-		5,858,095	180,994,661	18.83	3,407,746
2023	2024	2025	180,994,661	-		5,975,257	186,969,918	18.64	3,485,045
2024	2025	2026	186,969,918	-		6,094,762	193,064,680	18.45	3,562,662
				106,362,000	Should have been		As Reported		50,084,534
Base Value					\$117,768,200		\$ 117,768,200		
Increment					84,902,300		105,902,300		
Equalized Value					\$202,670,500		\$ 223,670,500		
Assessed Value					\$195,901,000		\$ 195,901,000		
Ratio					96.66%		87.58%		

Assumptions:

1. Property value inflation 2.00%
2. Property additions 0.00%
3. Mill Rate Inflation -1.00%

Note The Mill rate deflation assumption is based upon the recent experience of the City of Franklin that the development within TIFs is happening at a greater rate than outside the TIF effectively lowering the TIF rate. In addition it assumes the impact of the current tax levy limits will continue in some format in the future.

Development Assumptions

Less 1/2 of Personal property

City of Franklin
TIF #3 Projection
Project Expenditures

Const Year	Stormwater Management	Right of Way 31st ST	Project Costs						Loan Incentives	Sub-total	Total		
			Construction 31st ST-N 6903	Construction 31st ST-S 6904	Construction Drexel	Construction 27th ST	Grants,Loans						
2005		643,614	210,909	51,667		250			906,440	906,440			
2006	46,200	295,878	1,520,186	37,765		121,062			2,021,091	2,021,091			
2007		5,150	729,855	487,315	73,421	(15,134)	6,000,000		7,280,607	7,510,357			
2008			143,343	60,618	1,878,293	5,298			2,087,552	2,378,452			
2009			22,492	14,031	561,233				597,756	870,531			
2010					120,000				120,000	374,175			
2011									-	235,200			
2012									-	215,775			
2013						1,900,000			1,900,000	2,095,900			
2014						1,900,000			1,900,000	1,992,925			
2015									-	-			
2016									-	-			
2017									-	-			
2018									-	-			
2019									-	-			
2020									-	-			
2021									-	-			
			46,200	944,642	2,626,785	651,396	2,632,947	3,911,476	6,000,000	-	16,813,446	1,787,400	18,600,846
			3,617,627										
			Phase 1	N 31st St	Project Plan	Projection	Difference						
				31st St Reconstruction	3,500,000	3,617,627	117,627						
				Grants-loan subsidy	1,000,000	651,396	(348,604)						
					-	1,787,400	1,787,400						
			Phase 2	Drexel	1,100,000	2,632,947	1,532,947						
				27th St Reconstruction	2,200,000	3,911,476	1,711,476						
			Phase 3	Grants	5,000,000	5,000,000	-						
							12,800,000	4,800,846					
							115.0%						
			Total Project Limit				14,720,000	17,600,846					
			Add'l TEA Grant				1,000,000						
			Estimated Project Cost				18,600,846						

**City of Franklin
TIF #3 Projection
Projected Debt Service**

Tax Exempt G.O. Bonds	\$ 1,000,000
Improvements Cost	\$ 1,000,000
Capitalized Interest	-
Est Issuance Cost	-
Rounding	-

Tax Exempt G.O. Bonds	\$ 10,083,583
Improvements Cost	\$ 10,017,933
Capitalized Interest	-
Est Issuance Cost	65,650
Rounding	-

Interfund Advance	\$ -
Improvements Cost	\$ -
Capitalized Interest	\$ -
Est Issuance Cost	\$ -
Rounding	\$ -

Year	Debt Issues				Debt Service 8/15/05				Debt Service 8/26/08				Debt Service				
	Balance	Principal 3/1 avg =	Interest (3/1& 9/1) 4.55%	Total	Balance	Principal 3/1 avg =	Interest (3/1& 9/1) 3.25%	Total	Balance	Principal (3/31,6/30,9/30 & 12/31) avg =	Interest 3.00%	Total	Balance	Principal	Interest	Total	
2005	4,000,000	-	66,036	66,036	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	4,000,000	-	179,643	179,643	-	-	-	-	-	-	-	-	-	-	-	70,021	70,021
2007	7,000,000	-	295,926	295,926	-	-	-	-	-	-	-	-	-	-	-	65,620	3,265,620
2008	700,000	6,300,000	216,253	6,516,253	10,000,000	-	-	-	-	-	-	-	-	2,700,000	3,200,000	-	-
2009	-	700,000	5,311	705,311	9,800,000	200,000	334,118	534,118	800,000	600,000	21,000	821,000	800,000	-	-	12,000	812,000
2010	-	-	-	-	9,000,000	800,000	314,500	1,114,500	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	8,000,000	1,000,000	287,500	1,287,500	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	6,000,000	2,000,000	240,000	2,240,000	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	3,500,000	2,500,000	165,000	2,665,000	2,100,000	-	31,500	2,136,500	2,100,000	-	-	31,500	31,500
2014	-	-	-	-	-	3,500,000	61,250	3,561,250	5,100,000	-	108,000	5,209,250	5,100,000	-	-	108,000	108,000
2015	-	-	-	-	-	-	-	-	2,400,000	2,700,000	112,500	2,812,500	2,400,000	-	-	112,500	2,812,500
2016	-	-	-	-	-	-	-	-	-	2,400,000	36,000	2,436,000	-	-	-	36,000	2,436,000
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: This issue was originally \$4M and was increased to \$7M on 3-1-07. It was reduced to \$1M in 2008 and repaid to the Debt Service Fund in 2009.

Premium	83,583
Debt Issuance	65,650
to other funds	(19,695)
	<u>37,628</u>

City of Franklin
TIF Projection
Projected Debt Service

Total
Tax Exempt G.O. Debt
Improvements Cost
Capitalized Interest
Est Issuance Cost
Rounding

\$ 11,083,583
\$ 11,017,933
\$ -
\$ 65,650
\$ -

Total
Taxable G.O. Note
Improvements Cost
Capitalized Interest
Est Issuance Cost
Rounding

\$ 10,000,000
\$ 9,966,550
\$ -
\$ 33,450
\$ -

Loan \$10,000,000
Annual Payment \$799,027.50
Number of Years 20
Payment Date 3/1
Interest Rate 4.95%
Interest Payment Date 3/1 & 9/1
Issuance Cost at closing

Year	Debt Issues				Debt Service 1/1/07				Debt Service 2/28/07					
	Balance	Combined Debt Service		Total	Balance	Debt Service 1/1/07		Total	Balance	Debt Service 2/28/07		Total		
		Principal	Interest			Principal 3/1	Fees			Interest (3/1 & 9/1) 4.95% & Trustee Fee	Principal 3/1		Fees	Interest (3/1 & 9/1) 1.95%
2005	4,000,000	-	66,036	66,036	10,000,000	-	331	327,250	327,581	10,000,000	-	33,450	97,500.00	130,950
2006	4,000,000	-	179,643	179,643	9,400,000	600,000	363	480,150	1,080,513	9,400,000	600,000	375	189,250.00	789,625
2007	9,700,000	-	365,947	365,947										
2008	11,300,000	9,500,000	281,873	9,781,873										
2009	10,600,000	1,500,000	360,429	1,860,429	8,785,000	615,000	363	450,079	1,065,442	8,785,000	615,000	375	177,303.75	792,679
2010	9,000,000	1,600,000	326,500	1,926,500	8,160,000	625,000	363	419,389	1,044,752	8,160,000	625,000	375	165,213.75	790,589
2011	8,000,000	1,000,000	287,500	1,287,500	7,520,000	640,000	363	388,080	1,028,443	7,520,000	640,000	375	152,880.00	793,255
2012	6,000,000	2,000,000	240,000	2,240,000	6,865,000	655,000	363	356,029	1,011,392	6,865,000	655,000	375	140,253.75	795,629
2013	5,600,000	2,500,000	196,500	2,696,500	6,195,000	670,000	363	323,235	993,598	6,195,000	670,000	375	127,335.00	797,710
2014	5,100,000	3,500,000	169,250	3,669,250	-	6,195,000	363	153,326	6,348,689	-	6,195,000	375	60,401.25	6,255,776
2015	2,400,000	2,700,000	112,500	2,812,500	-	-	-	-	-	-	-	-	-	-
2016	-	2,400,000	36,000	2,436,000	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2026	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2027	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		26,700,000	2,622,178	29,322,178		10,000,000	2,872	2,897,538	12,900,410		10,000,000	36,075	1,110,138	11,146,213

Note:

Issuance cost due at loan closing