



ANN ARBOR SOUTHSIDE REDVELOPMENT PLAN PROJECT ANALYSIS, ANN ARBOR, MI

October 2023

Prepared on October 26, 2023

PFM Group Consulting LLC
3501 Quadrangle Blvd., Suite 270
Orlando, FL 32817



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Appendix 1: Parking Utilization – Peak Demand Output/Findings (Weekday and Weekend)

Appendix 2: Developer Base Case Model, October 6, 2023

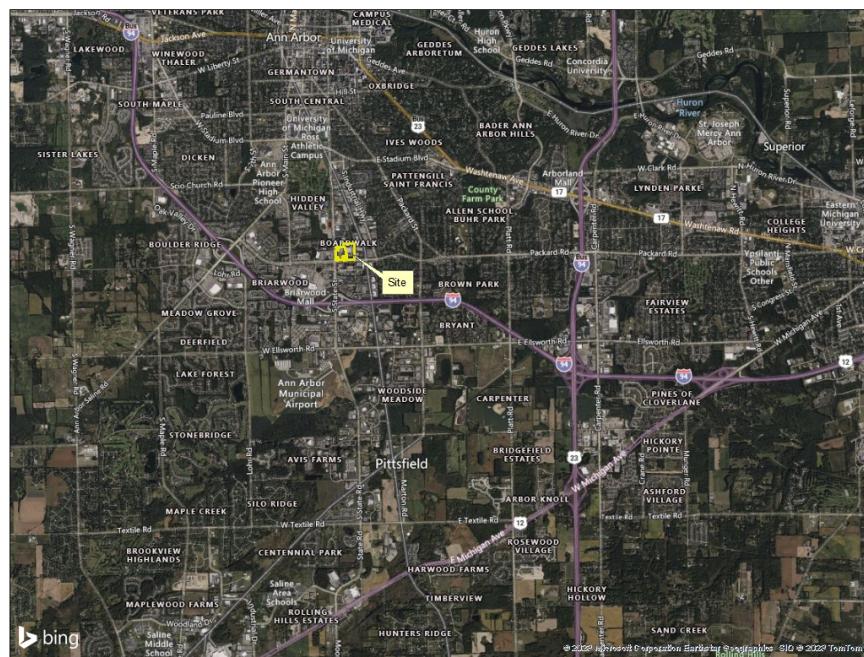
Appendix 3: PFM Financing Model – Base Case with TIF Inflator



Executive Summary

- The City of Ann Arbor, Michigan (“City”) is currently in the process of evaluating a mixed-use development (“Southside Redevelopment”) proposal from Oxford Companies, LLC of Ann Arbor ('Oxford" or "Developer"). This proposal is within the Transit Corridor District (“TC1”) in the South State and East/West Eisenhower area. The TC1 is a district identified by the City for increased housing density. The Southside Redevelopment as proposed by the Developer includes City participation in the project via the financing of the structured parking elements of the project utilizing the Brownfield Program. Per the City's request and engagement, PFM Group Consulting LLC (“PFMGC”) is providing the following: 1) a sensitivity analysis regarding parking revenue assumptions, 2) a sensitivity analysis regarding property value assumptions and associated tax increment financing revenue and 3) City financing assumptions with regard to the interest rate, term and structure of city-financed debt.
- Map E1 provides a general site location.

Map E1. General Site Location

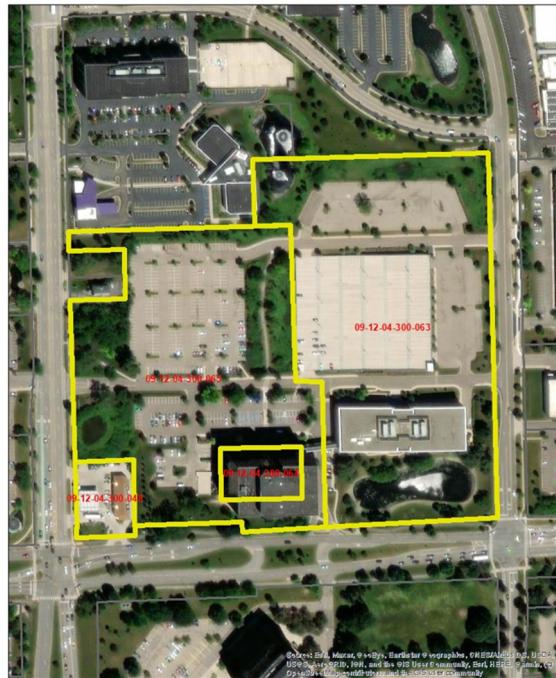


Source: PFM Group Consulting



- Map E2 provides the Southside Redevelopment parcels. Figure E1 provides the proposed development volumes.

Map E2. Southside Redevelopment Parcels



Source: Washtenaw County

Figure E1. Southside Redevelopment Volumes

Southside Redevelopment- Ann Arbor, MI						
Horizontal Land Values						
	Building	MF Units	Square Feet	Keys	Spaces	For Sale Units
Phase I	B1 Multifamily	178 Units	16,779 SF			
	B1 Commercial		26,813 SF			
	B2 Garage		321,986 SF		920 Spaces	
	B3 Multifamily	150 Units	140,760 SF			
	B3 Commercial		11,560 SF			
Phase II	A1 Hotel		104,579 SF	150 Keys		
	A2 Garage		274,372 SF		784 Spaces	
	A3 Multifamily	87 Units	81,650 SF			
	A3 Commercial		28,089 SF			
	A3 Condo/ For-Sale		58,795 SF			33 Units
	A4 Commercial		3,360 SF			
	A5 Commercial		3,360 SF			
Phase III	C1 Multifamily	120 Units	112,725 SF			
	C1 Commercial		8,364 SF			
	C2 Garage		231,840 SF		662 Spaces	
	C3 Multifamily	199 Units	187,500 SF			
Phase IV	C4 Commercial		3,906 SF			
	D1 Multifamily	223 Units	210,040 SF			
	D1 Garage		70,796 SF		202 Spaces	
		957 Units	1,897,274 SF	150 Keys	2568 Spaces	33 Units

Source: Developer; Note that parking also includes an estimated 159 street spaces



Findings Regarding Developer and PFM Base Case Assumptions

- PFMGC's review and associated research into the Developer Base Case assumptions with respect to parking rate revenues and initial taxable value analysis indicates that overall, the assumptions are consistent with existing market rates. In addition, the Developer Base Case assumed no annual inflation of the taxable values of the new apartment, commercial retail and hotel development with the existing office space omitted from any incremental increase in taxable value of the Southside Redevelopment.

Findings Regarding Developer Base Case Sensitivity Analyses

- Using the information provided in the Developer Base Case Model, PFMGC analyzed each of the scenarios and the relative impact on the average DSC ratio. Table E1 summarizes the various scenarios and findings.

Table E1. Summary of Developer Base Case Scenarios Analysis – DSC

Scenario Assumptions (1)	Average DSC (2)			
	Phase I	Phase II	Phase III	Phase IV
Base Case (3)	1.29	1.35	1.39	1.27
Scenario 1 10% Decrease to Parking Rates	1.50	1.56	1.59	1.69
Scenario 2 10% Decrease to Property Values	1.44	1.50	1.54	1.53
Scenario 3 10% Decrease to both Parking and Property Values	1.37	1.43	1.47	1.53
Scenario 4 Base Case - Includes Annual Increase in TIF Revenue	1.57	1.62	1.67	1.69

Source: PFM Group Consulting LLC

(1) All four scenarios assume a 2% inflator to TIF revenue

(2) DSC calculations exclude year with Debt Service Reserve Liquidation

(3) Developer Base Case applies specific annual debt service

- While the coverage is sufficient in the sensitivity analyses, it's important to note that the Developer Base Case financing models extended beyond a 30-year term. In discussions with the City and PFM Financial Advisors LLC ("PFMFA"), the City would be limited to a 30-year term if it were to finance the structured parking elements of the project.

Findings Regarding PFM Base Case Sensitivity Analyses

- Based on discussions with the City and PFMFA, an alternative financial structure was analyzed for each issuance which assumed the issuance of a general obligation bond by the City with a term of 30 years and a 5% interest rate. Each financing incorporates capitalized interest occurring over the first 3 to 4 years and debt service payments inclusive of both principal and interest being made over the balance of the 30-year term. The periods of capitalized interest are necessary to accommodate construction as well as a ramp up in available revenue. Using the information provided in the PFM Base Case Model, PFMGC analyzed each of the scenarios and the relative impact on the average DSC ratio. Table E2 summarizes the findings.



Table E2. Summary of PFM Base Case Scenarios Analysis – DSC

Scenario Assumptions (1)	Average DSC (2)			
	Phase I	Phase II	Phase III	Phase IV
Base Case (3)	1.40	1.21	1.26	1.32
Scenario 1 10% Decrease to Parking Rates	1.66	1.44	1.51	1.73
Scenario 2 10% Decrease to Property Values	1.58	1.36	1.43	1.55
Scenario 3 10% Decrease to both Parking and Property Values	1.51	1.31	1.37	1.55
Scenario 4 Base Case - Includes Annual Increase in TIF Revenue	1.73	1.50	1.56	1.73

Source: PFM Group Consulting LLC

(1) All four scenarios assume a 2% inflator to TIF revenue

(2) DSC calculations exclude year with Debt Service Reserve Liquidation

(3) PFM Base Case and subsequent scenarios apply the maximum annual debt service (MADS) in its calculations

- As the data shows, the coverage associated with the PFM Base Case financing models suggest coverage at or above a DSC ratio of 1.2. While additional modeling will be necessary, the preliminary data suggest that the opportunity presented by the Developer warrants consideration.

Recommendations and Next Steps

- PFMGC believes that the development opportunity presented warrants consideration; however, as the City is aware, the financing of these structures represents financial risk that the City will need to investigate further with respect to the following:
 - The City and Developer will need to confirm that the structured parking will be for public use. For the structured parking facilities to be financed with tax exempt bonds, the vast majority of the parking spaces cannot be reserved for private use. This aspect of the plan needs to be reviewed and confirmed with the City's bond counsel as it could have a significant impact on the interest rates obtained.
 - Does the City find it a priority to spur economic development via the provision of financing to encourage the Southside Redevelopment within the TC1.
 - Based on the estimated DSC ratio in the PFM Base Case sensitivity analysis, the City will need to determine how much of the net revenues from the project it will share as that will impact the initial Developer contribution within each phase of development.
 - Based on the data provided, does the City feel it can operate the structure parking in a more cost-effective manner than the Developer (or would the City consider an agreement authorizing the Developer to operate and maintain the structured parking and providing the resulting revenues to the City to service the associated debt financed by the City.) It should be noted that parking facility management structure may also influence the tax status of any bonds issued to finance these facilities which can in turn impact bond interest rates if issued as taxable bonds.
 - PFMGC recommends continued discussion between the City and the Developer with respect to securing protections to the City regarding limitations on the ability of the property owner(s) to contest taxable valuations of the apartments, commercial-retail space and hotel rooms as prescribed by the local property appraiser which could negatively impact forecasted TIF increment revenue.

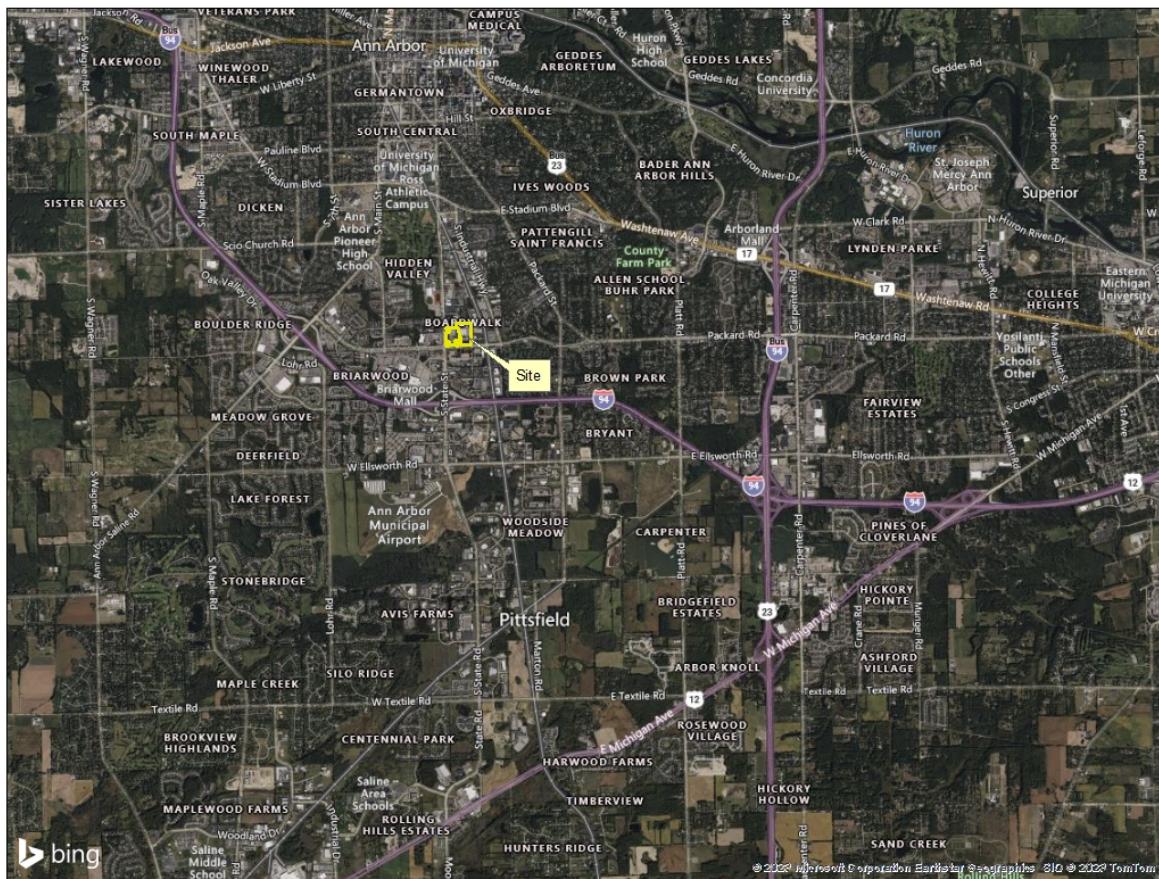


1.0 Introduction and Background

The City of Ann Arbor, Michigan ("City") is currently in the process of evaluating a mixed-use development ("Southside Redevelopment") proposal from Oxford Companies, LLC of Ann Arbor ('Oxford" or "Developer"). This proposal is within the Transit Corridor District ("TC1") in the South State and East/West Eisenhower area. The TC1 is a district identified by the City for increased housing density. The Southside Redevelopment as proposed by the Developer includes City participation in the project via the financing of the structured parking elements of the project utilizing the Brownfield Program. Per the City's request and engagement, PFM Group Consulting LLC ("PFMGC") is providing the following: 1) a sensitivity analysis regarding parking revenue assumptions, 2) a sensitivity analysis regarding property value assumptions and associated tax increment financing revenue and 3) City financing assumptions with regard to the interest rate, term and structure of city-financed debt.

Map 1 provides a general site location with Map 2 provides a detailed parcel map of the project site. In addition, Figure 1 provides information regarding the Southside Redevelopment development volumes with Figure 2 providing a preliminary site map.

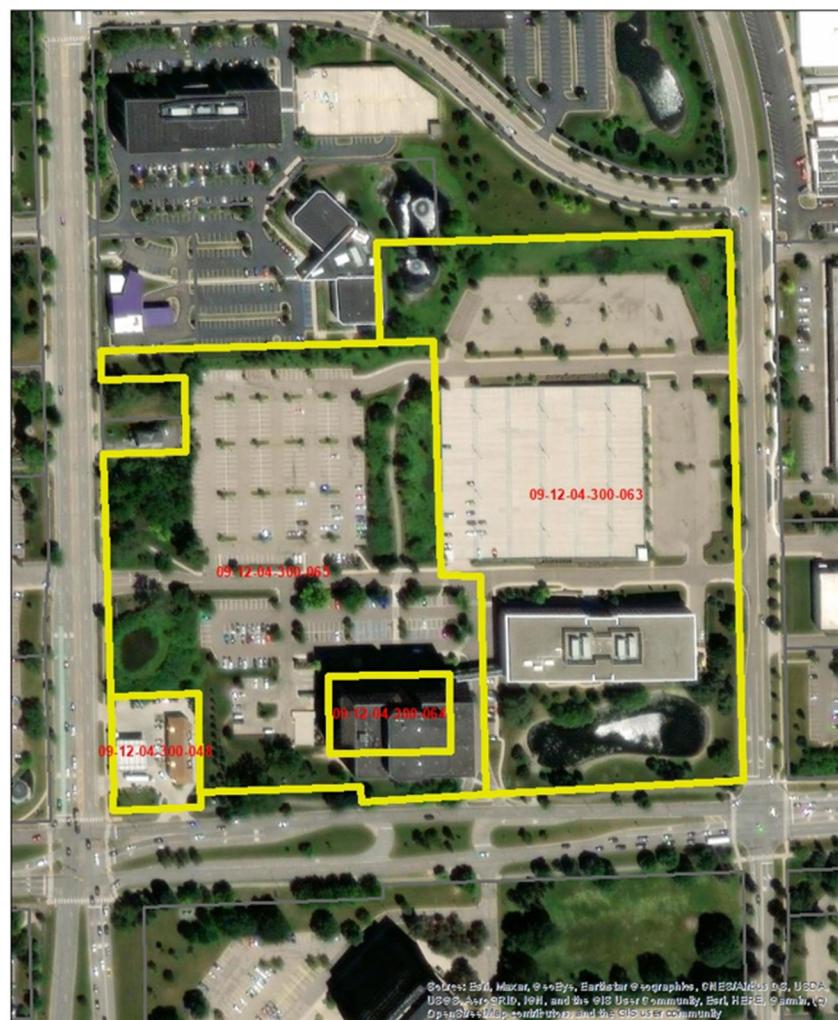
Map 1. General Site Location



Source: PFM Group Consulting LLC



Map 2. Southside Redevelopment Parcels



Source: Washtenaw County

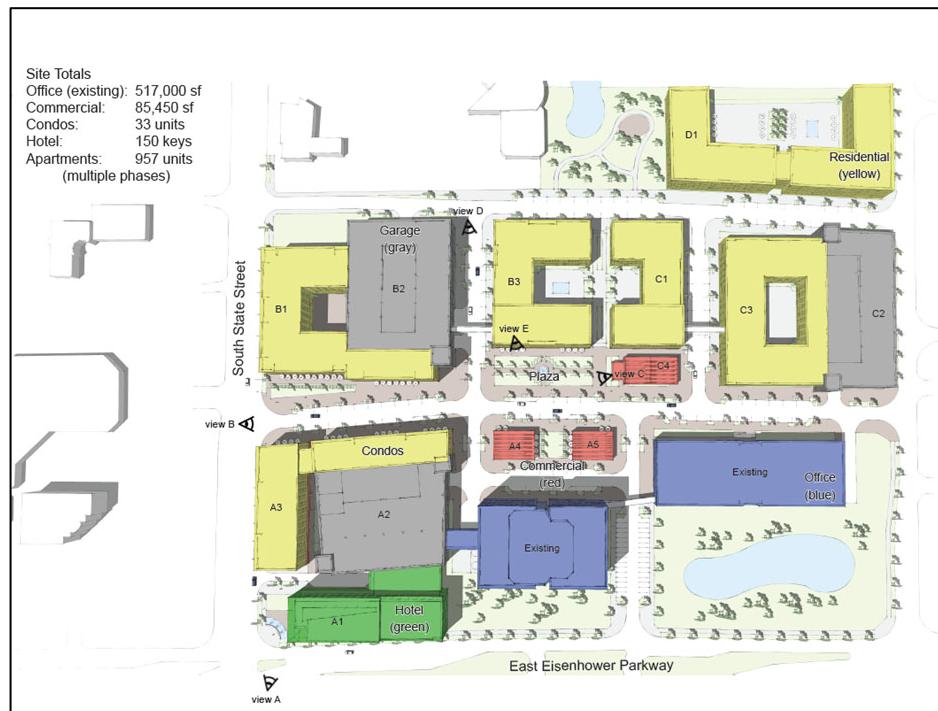


Figure 1. Southside Redevelopment Volumes

Southside Redevelopment- Ann Arbor, MI						
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Phase I	B1 Multifamily	178 Units	16,779 SF			
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Phase IV	C4 Commercial		3,906 SF			
	D1 Multifamily	223 Units	210,040 SF			
	D1 Garage		70,796 SF		202 Spaces	
		957 Units	1,897,274 SF	150 Keys	2568 Spaces	33 Units

Source: Developer

Figure 2. Southside Redevelopment Project Map



Source: Developer



2.0 Parking Garage Analysis

2.1 Parking Utilization Review

Using the information provided in Figure 1, PFM re-ran the most recent development volumes through the Urban Land Institute's (ULI) *Shared Parking, Second Edition* model with the application of peak parking demand by use. The total parking spaces available on the site will be 2,727 spaces: 1) 2,568 structured parking spaces (B2- 920 spaces; A2- 784 spaces; C2- 662 spaces; D1-202 spaces) and 159 street spaces. Table 1 summarizes the peak parking demand factors by use. The resulting analysis shows that there is sufficient parking provided at peak hours for both weekday use and weekend use (see Appendix 1).

Table 1. ULI – Peak Parking Demand Factors by Use

Total Parking Provided	2,727							
PEAK PARKING DEMANDS BY USE - PRIOR TO ADJUSTING FOR TIME OF DAY								
Users	Weekday				Weekend			
Retail								
Employees	0.70	per 1ksf x	37.1	ksf =	26	spaces	0.80	per unit x
Visitors	2.90	per 1ksf x	37.1	ksf =	108	spaces	3.20	per unit x
Subtotal					134	spaces		
Restaurant								
Employees	2.25	per unit x	48.3	ksf=	109	spaces	2.50	per unit x
Visitors	13.25	per unit x	48.3	ksf=	640	spaces	15.25	per unit x
Subtotal					749	spaces		
Hotel								
Employees	0.15	per unit x	150	room	23	spaces	0.15	per unit x
Visitors	1.00	per unit x	150	room	150	spaces	1.00	per unit x
Subtotal					173	spaces		
Residential								
Residents	1.35	per unit x	990	units =	1,335	spaces	1.35	per unit x
Visitors	0.10	per unit x	990	units =	99	spaces	0.15	per unit x
Subtotal					1,434	spaces		
Office								
Employees	2.60	per unit x	516.9	ksf=	1344	spaces	0.26	per unit x
Visitors	0.20	per unit x	516.9	ksf=	103	spaces	0.02	per unit x
Subtotal					1,447	spaces		

Source: Developer and PFM Group Consulting LLC



2.2 Parking Revenue Assumptions

PFM reviewed the Developer's Base Case pro forma analysis. As part of that analysis, PFM identified the following revenue and operational expense assumptions (Table 2) for each phase which corresponds with a parking garage financing and the development volumes detailed in Figure 1.

Table 2. Developer Base Case – Structured Parking Revenue and Expense Assumptions

Scenario Assumptions	Parking Rates & Expenses*			
	Phase I (B2)	Phase II (A2)	Phase III (C2)	Phase IV (D1)**
Base Case				
Apartment Leases- 24 Hour (1)	Space / Month	\$122.00	\$122.00	\$122.00
Transient (Hourly) (2)	Space / Hour (3 hrs)	\$1.50	\$1.50	\$1.50
Hotel- 24 Hour (3)	Space / Night		\$10.00	
Office Parking	Space / Month	\$30.00	\$30.00	\$30.00
Facility Operation Costs (4)	Cost/Space	(\$382.45)	(\$413.86)	(\$430.46)
Parking Operation Costs (5)	Cost/Space	(\$133.79)	(\$121.07)	(\$139.00)

Source: Developer

*Assumes a 2% annual inflation rate in revenue and expenses and a 10% vacancy rate within the garage

**Phase IV – Parking Garage D1 is designed specifically for its 223 residential units and paid for via TIF increment

Notes:

1. 24-Hour rate assumed to be \$122/ month
2. Transient parking rate is assumed to be \$1.50/ hour with an average stay of 3 hours
3. Office parking for 777 Eisenhower + 789 Eisenhower is allocated between all garages based on garage pro rata share
4. Facility Operation Costs are related to the maintenance of the garage and are based on assumptions used for similar projects by the Developer
5. Parking Operation Costs are expenses related to the on-going operations of the garage (e.g., attendants, staff, etc.) and are based on assumption used for similar projects by the Developer

PFM researched the City's current activities with respect to managing parking. Downtown Ann Arbor has over 8,000 parking spaces located in eight (8) parking structures, three (3) surface parking lots, and over two thousand (2,000) on-street spaces available with metered parking. The parking system is a City of Ann Arbor asset managed by the Downtown Development Authority ("DDA"). Twenty percent of parking revenue goes back to the City to support other City services. The parking system supports itself through parking revenue and funds other transportation initiatives.

The data in Table 2 summarizes the base case assumptions consistent with comparable projects it has developed in other markets. Given the nature of the revenue projections, which rely on a mix of contracted rates for the apartment units, hotel rooms and office space, the identification of comparable projects willing to share operational data was not possible. For comparative purposes, the DDA's parking rates for structured parking is \$1.20 per hour, which is generally consistent with the transient hourly rates incorporated in the base case model. This suggests that the balance of assessments is likely consistent with market acceptable rates.



3.0 Tax Increment Financing Analysis

3.1 Tax Increment Assumptions

PFM reviewed the information on the taxable values of the various product types for the Developer's Base Case (Table 3) for each phase which corresponds with a parking garage financing and the development volumes detailed in Figure 1.

Table 3. Developer Base Case – Land Use Taxable Values

Scenario Assumptions	2023 Est. Taxable Values	Taxable Land Values (Per Unit)			
		Phase I (B2)	Phase II (A2)	Phase III (C2)	Phase IV (D1)
Base Case					
Residential - Apartment (Land & Bldg) per Unit	\$113,174	\$115,500	\$115,500	\$115,500	\$115,500
Residential - Condo (Land & Bldg) per sqft	\$241		\$261		
Commercial (Land & Bldg) per sqft	\$149	\$133	\$133		\$133
Hotel (Land & Bldg) per room	\$53,469		\$48,000		

Source: Developer, Washtenaw County – City of Ann Arbor Property Appraiser, PFM Group Consulting LLC

PFM reviewed and gathered data from the Washtenaw County Property Appraiser with respect to taxable values of apartments, condominiums, commercial-retail space and hotel rooms within the City. This information provided guidance with respect the Developer's Base Case assumptions for the Southside Redevelopment. It's important to note that the existing office space that will be utilizing the structured parking is not included as a source of potential tax increment revenue. PFM's review suggests that the assumptions being made by the Developer are consistent with the current market. It's also important to note that for purposes of its Base Case, the Developer did not inflate the base values of the property which represents a conservative approach to its model.

4.0 Developer Base Case Financing Model Review and Analysis

The Developer provided a detailed Base Case financial model incorporating the financing of each of the four structured parking garages within the Southside Redevelopment dated September 8, 2023, which was subsequently updated on October 6, 2023. The Base Case finance model provided by the Developer assumed an interest rate of six percent (6.0%) for each financing. Table 4 provides the base set of assumptions associated with each of the proposed financings. Each financing extends 33 to 34 years with capitalized interest occurring over the first 3 to 4 years and debt service payments inclusive of both principal and interest being made over a 30-year period. The periods of capitalized interest are necessary to accommodate construction as well as a ramp up in available revenue.

Note that in the Developer's Base Case, it incorporated a "turbo redemption" element which took approximately 50% of any excess funds above the targeted debt service coverage ratio of 1.2 and applied them to the prepayment of principal, with any remaining funds being made available to the next phases' debt service. Appendix 2 provides the Base Case model from October 6, 2023.



Table 4. Summary of Base Case Financings (Sources & Uses)

Sources	Phase I	Phase II	Phase III	Phase IV	Total
TIF Bonds	\$ 37,385,000.00	\$ 30,675,000.00	\$ 32,150,000.00	\$ 16,850,000.00	\$ 117,060,000.00
Developer Contribution	\$ 7,183,848.39	\$ 7,002,167.68	\$ 2,100,682.77		\$ 16,286,698.84
Total Sources of Funds	\$ 44,568,848.39	\$ 37,677,167.68	\$ 34,250,682.77	\$ 16,850,000.00	\$ 133,346,698.84
Uses					
Parking Garage Costs					
Land	\$ 4,600,000.00	\$ 3,920,000.00	\$ 3,310,000.00		\$ 11,830,000.00
Parking Garage Hard Costs	\$ 25,758,880.00	\$ 21,949,760.00	\$ 18,547,200.00	\$ 12,290,105.31	\$ 78,545,945.31
Soft Costs	\$ 3,310,645.00	\$ 2,829,647.00	\$ 2,982,631.00		\$ 9,122,923.00
Contingency	\$ 2,022,701.00	\$ 1,732,159.00	\$ 2,055,271.00		\$ 5,810,131.00
Subtotal	\$ 35,692,226.00	\$ 30,431,566.00	\$ 26,895,102.00	\$ 12,290,105.31	\$ 105,308,999.31
Reserves and Financing Costs					
Capitalized Interest & Servicing Fees	\$ 5,511,972.39	\$ 4,484,851.68	\$ 4,462,080.77	\$ 3,043,394.69	\$ 17,502,299.53
Cost of Issuance	\$ 1,495,400.00	\$ 1,227,000.00	\$ 1,286,000.00	\$ 674,000.00	\$ 4,682,400.00
Debt Service Reserve	\$ 1,869,250.00	\$ 1,533,750.00	\$ 1,607,500.00	\$ 842,500.00	\$ 5,853,000.00
Rounding Contingency					
Subtotal	\$ 8,876,622.39	\$ 7,245,601.68	\$ 7,355,580.77	\$ 4,559,894.69	\$ 28,037,699.53
Total Uses of Funds	\$ 44,568,848.39	\$ 37,677,167.68	\$ 34,250,682.77	\$ 16,850,000.00	\$ 133,346,698.84

II. Bond Financing Terms

Closing Date	6/1/2024	6/1/2027	12/1/2029	12/1/2031
Anticipated Rating	Non-Rated	Non-Rated	Non-Rated	Non-Rated
Anticipated Tax Status	Tax-Exempt	Tax-Exempt	Tax-Exempt	Tax-Exempt
Anticipated Purchaser	Institutional-Investor	Institutional-Investor	Institutional-Investor	Institutional-Investor
Capitalized Interest from Closing to	12/1/2027	12/1/2029	12/1/2032	12/1/2034
Fixed Interest Rate (est. 9/8/2023)	6.0000%	6.0000%	6.0000%	6.0000%
Final Maturity	12/1/2057	12/1/2059	12/1/2062	12/1/2064
Term	33.50	32.50	33.00	33.00
Average Life	23.97	23.72	24.06	23.49

Annual Fees

Issuer Fee	0.125%	0.125%	0.125%	0.125%
Bond Trustee Fee	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00

Source: Developer

PFM conducted a series of sensitivity analyses on the Developer's Base Case Model which are summarized herein with the net result of analyzing the impact on the debt service coverage ("DSC") ratio for each phase of the Southside Redevelopment.



4.1 Base Case

The Base Case parking garage and TIF increment assumptions are provided in Table 2 and Table 3, respectively. Note that in the Developer Base Case, the analysis assumed no annual increase in property value from the initial base value of the various land uses and did not include any tax increment from the existing office space.

4.2 Scenario 1 – 10% Reduction in Overarching Parking Rates

Scenario 1 assumed a blanket reduction of 10% with respect to revenues associated with the apartment, transient, hotel and office space land uses. The garage expenses were kept consistent with the Developer Base Case. Table 5 compares the Developer Base Case to the Scenario 1 assumptions.

Table 5. Reduced Base Case – Structured Parking Revenue Assumptions

		Parking Rates & Expenses*			
Scenario Assumptions		Phase I (B2)	Phase II (A2)	Phase III (C2)	Phase IV (D1)**
Base Case					
	Apartment Leases- 24 Hour (1)	Space / Month	\$122.00	\$122.00	\$122.00
	Transient (Hourly) (2)	Space / Hour (3 hrs)	\$1.50	\$1.50	\$1.50
	Hotel- 24 Hour (3)	Space / Night		\$10.00	
	Office Parking	Space / Month	\$30.00	\$30.00	\$30.00
	Facility Operation Costs (4)	Cost/Space	(\$382.45)	(\$413.86)	(\$430.46)
	Parking Operation Costs (5)	Cost/Space	(\$133.79)	(\$121.07)	(\$139.00)
Scenario 1	10% Decrease to Parking Rates				
	Apartment Leases- 24 Hour	Space / Month	\$109.80	\$109.80	\$109.80
	Transient (Hourly)	Space / Hour (3 hrs)	\$1.35	\$1.35	\$1.35
	Hotel- 24 Hour	Space / Night		\$9.00	
	Office Parking	Space / Month	\$27.00	\$27.00	\$27.00
	Facility Operation Costs	Cost/Space	(\$382.45)	(\$413.86)	(\$430.46)
	Parking Operation Costs	Cost/Space	(\$133.79)	(\$121.07)	(\$139.00)

Source: Developer and PFM Group Consulting LLC

*Assumes a 2% annual inflation rate in revenue and expenses and a 10% vacancy rate within the garage

**Phase IV – Parking Garage D1 is designed specifically for its 223 residential units and paid for via TIF increment

Notes:

1. 24-Hour rate assumed to be \$122/ month
2. Transient parking rate is assumed to be \$1.50/ hour with an average stay of 3 hours
3. Office parking for 777 Eisenhower + 789 Eisenhower is allocated between all garages based on garage pro rata share
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5. Parking Operation Costs are expenses related to the on-going operations of the garage (e.g., attendants, staff, etc.) and are based on assumption used for similar projects by the Developer

Unlike the Developer Bas Case, it's important to note that in Scenario 1, the revenues associated with the TIF increment included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues.



4.3 Scenario 2 – 10% Reduction in Initial Property Base Values

Scenario 2 assumed a blanket reduction of 10% with respect to the taxable values associated with the apartment, commercial retail and hotel land uses. The value of the existing office space and any increase in value associated with the office space was not included in the analysis. The garage revenue and expenses were kept consistent with the Developer Base Case. Table 6 compares the Developer Base Case to the Scenario 2 assumptions.

Table 6. Reduced Base Case – Land Use Taxable Value Assumptions

		Taxable Land Values (Per Unit)*			
	Scenario Assumptions	2023 Est. Taxable Values	Phase I (B2)	Phase II (A2)	Phase III (C2)
Base Case					
	Residential - Apartment (Land & Bldg) per Unit	\$113,174	\$115,500	\$115,500	\$115,500
	Residential - Condo (Land & Bldg) per sqft	\$241		\$261	
	Commercial (Land & Bldg) per sqft	\$149	\$133	\$133	\$133
	Hotel (Land & Bldg) per room	\$53,469		\$48,000	
Scenario 2		10% Decrease to Property Values			
	Residential - Apartment (Land & Bldg) per Unit	\$113,174	\$103,950	\$103,950	\$103,950
	Residential - Condo (Land & Bldg) per sqft	\$241		\$235	
	Commercial (Land & Bldg) per sqft	\$149	\$120	\$120	\$120
	Hotel (Land & Bldg) per room	\$53,469		\$43,200	

Source: Developer, Washtenaw County – City of Ann Arbor Property Appraiser and PFM Group Consulting LLC

*Assumes a 2% annual inflation rate in taxable values

Unlike the Developer Bas Case, it's important to note that in Scenario 2, the revenues associated with the TIF increment included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues.

4.4 Scenario 3 – Application of Both Scenario 1 & 2

Scenario 3 assumes the 10% reduction in parking revenues and the 10% reduction in initial taxable value. And consistent with Scenario 1 and Scenario 2, the revenues associated with the TIF increment in Scenario 3 included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues.

4.5 Scenario 4 – Application of Annual Increase to TIF Revenue

Scenario 4 applies the Developer Base Case assumptions with respect to parking revenue and initial base values of the applicable land uses. However, rather than applying any reductions, the TIF increment included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues.



4.6 Summary of Findings – Average Debt Service Coverage

Using the information provided in the Developer Base Case Model, PFMGC analyzed each of the scenarios and the relative impact on the average DSC ratio. Table 7 summarizes the findings.

Table 7. Summary of Developer Base Case Scenarios Analysis – DSC

Scenario Assumptions (1)	Average DSC (2)			
	Phase I	Phase II	Phase III	Phase IV
Base Case (3)	1.29	1.35	1.39	1.27
Scenario 1 10% Decrease to Parking Rates	1.50	1.56	1.59	1.69
Scenario 2 10% Decrease to Property Values	1.44	1.50	1.54	1.53
Scenario 3 10% Decrease to both Parking and Property Values	1.37	1.43	1.47	1.53
Scenario 4 Base Case - Includes Annual Increase in TIF Revenue	1.57	1.62	1.67	1.69

Source: PFM Group Consulting LLC

(1) All four scenarios assume a 2% inflator to TIF revenue

(2) DSC calculations exclude year with Debt Service Reserve Liquidation

(3) Developer Base Case applies specific annual debt service

5.0 PFM Financing Model Review and Analysis

Based on discussions with the City and its financial advisor, PFM Financial Advisors LLC (“PFMFA”), an alternative financial structure was analyzed for each issuance which assumed the issuance of a general obligation bond by the City with a term of 30 years and a 5% interest rate. Table 8 provides the set of assumptions associated with each of the proposed financings. Each financing incorporates capitalized interest occurring over the first 3 to 4 years and debt service payments inclusive of both principal and interest being made over the balance of the 30-year term. The periods of capitalized interest are necessary to accommodate construction as well as a ramp up in available revenue.



Table 8. Summary of PFM Financings (Sources & Uses)

Sources	Phase I	Phase II	Phase III	Phase IV	Total
TIF Bonds	\$ 33,370,000.00	\$ 31,770,000.00	\$ 32,565,000.00	\$ 16,200,000.00	\$ 113,905,000.00
Developer Contribution	\$ 11,064,501.78	\$ 7,002,167.68	\$ 2,100,682.77		\$ 20,167,352.23
Total Sources of Funds	\$ 44,434,501.78	\$ 38,772,167.68	\$ 34,665,682.77	\$ 16,200,000.00	\$ 134,072,352.23
Uses					
Parking Garage Costs					
Land	\$ 4,600,000.00	\$ 3,920,000.00	\$ 3,310,000.00		\$ 11,830,000.00
Parking Garage Hard Costs	\$ 25,758,880.00	\$ 21,949,760.00	\$ 18,547,200.00	\$ 12,290,105.31	\$ 78,545,945.31
Soft Costs	\$ 3,310,645.00	\$ 2,829,647.00	\$ 2,982,631.00		\$ 9,122,923.00
Contingency	\$ 2,022,701.00	\$ 1,732,159.00	\$ 2,055,271.00		\$ 5,810,131.00
Subtotal	\$ 35,692,226.00	\$ 30,431,566.00	\$ 26,895,102.00	\$ 12,290,105.31	\$ 105,308,999.31
Reserves and Financing Costs					
Capitalized Interest & Servicing Fees	\$ 5,839,750.00	\$ 5,559,750.00	\$ 4,884,750.00	\$ 2,430,000.00	\$ 18,714,250.00
Cost of Issuance	\$ 1,308,275.78	\$ 1,245,351.68	\$ 1,276,580.77	\$ 635,644.69	\$ 4,465,852.92
Debt Service Reserve	\$ 1,592,500.00	\$ 1,533,750.00	\$ 1,607,500.00	\$ 842,500.00	\$ 5,576,250.00
Trustee Fee	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 7,000.00
Subtotal	\$ 8,742,275.78	\$ 8,340,601.68	\$ 7,770,580.77	\$ 3,909,894.69	\$ 28,763,352.92
Total Uses of Funds	\$ 44,434,501.78	\$ 38,772,167.68	\$ 34,665,682.77	\$ 16,200,000.00	\$ 134,072,352.23

II. Bond Financing Terms

Closing Date	6/1/2024	6/1/2027	12/1/2029	12/1/2031
Anticipated Rating	Non-Rated	Non-Rated	Non-Rated	Non-Rated
Anticipated Tax Status	Tax-Exempt	Tax-Exempt	Tax-Exempt	Tax-Exempt
Anticipated Purchaser	Institutional-Investor	Institutional-Investor	Institutional-Investor	Institutional-Investor
Capitalized Interest from Closing to	12/1/2027	12/1/2030	12/1/2032	12/1/2034
Fixed Interest Rate (est. 9/8/2023)	5.0000%	5.0000%	5.0000%	5.0000%
Final Maturity	12/1/2053	12/1/2056	12/1/2059	12/1/2061
Term	30.00	30.00	30.00	30.00
Average Life	19.73	19.73	19.94	19.94

Annual Fees

Issuer Fee	0.125%	0.125%	0.125%	0.125%
Bond Trustee Fee	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00	\$ 1,750.00

Source: Developer and PFM Financial Advisors LLC

PFM conducted a series of sensitivity analyses on the PFM Base Case Model which are summarized herein with the net result of analyzing the impact on the DSC ratio for each phase of the Southside Redevelopment.



5.1 PFM Base Case

The Base Case parking garage and TIF increment assumptions are provided in Table 2 and Table 3, respectively. Note that in the Developer Base Case, the analysis assumed no annual increase in property value from the initial base value of the various land uses and did not include any tax increment from the existing office space.

5.2 PFM Scenario 1 – 10% Reduction in Overarching Parking Rates

PFM Scenario 1 assumed a blanket reduction of 10% with respect to revenues associated with the apartment, transient, hotel and office space land uses. The garage expenses were kept consistent with the Developer Base Case. Table 5 compares the Developer Base Case and the Scenario 1 assumptions. Consistent with the Developer Base Case Scenario 1, the revenues associated with the TIF increment included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues.

5.3 PFM Scenario 2 – 10% Reduction in Initial Property Base Values

PFM Scenario 2 assumed a blanket reduction of 10% with respect to the taxable values associated with the apartment, commercial retail and hotel land uses. The value of the existing office space and any increase in value associated with the office space was not included in the analysis. The garage revenue and expenses were kept consistent with the Developer Base Case. Table 6 compares the Developer Base Case and the Scenario 2 assumptions. Consistent with the Developer Base Case Scenario 2, the revenues associated with the TIF increment included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues.

5.4 PFM Scenario 3 – Application of Both Scenario 1 & 2

PFM Scenario 3 assumes the 10% reduction in parking revenues and the 10% reduction in initial taxable value. And consistent with Scenario 1 and Scenario 2, the revenues associated with the TIF increment in Scenario 3 included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues.

5.5 PFM Scenario 4 – Application of Annual Increase to TIF Revenue

Scenario 4 applies the PFM Base Case assumptions with respect to parking revenue and initial base values of the applicable land uses. However, rather than applying any reductions, the TIF increment included a 2% annual inflator, consistent with the expectation in annual increases in parking revenues. The detailed set of financials for Scenario 4 is provided in Appendix 3.

5.6 Summary of Findings – Average Debt Service Coverage

Using the information provided in the PFM Base Case Model, PFMGC analyzed each of the scenarios and the relative impact on the average DSC ratio. Table 9 summarizes the findings.



Table 9. Summary of PFM Base Case Scenarios Analysis – DSC

		Average DSC (2)			
Scenario Assumptions (1)		Phase I	Phase II	Phase III	Phase IV
Base Case (3)		1.40	1.21	1.26	1.32
Scenario 1	10% Decrease to Parking Rates	1.66	1.44	1.51	1.73
Scenario 2	10% Decrease to Property Values	1.58	1.36	1.43	1.55
Scenario 3	10% Decrease to both Parking and Property Values Base Case - Includes Annual Increase in TIF	1.51	1.31	1.37	1.55
Scenario 4	Revenue	1.73	1.50	1.56	1.73

Source: PFM Group Consulting LLC

(1) All four scenarios assume a 2% inflator to TIF revenue

(2) DSC calculations exclude year with Debt Service Reserve Liquidation

(3) PFM Base Case and subsequent scenarios apply the maximum annual debt service (MADS) in its calculations

APPENDIX 1

Weekday Parking Demand Study

Southside-Ann Arbor, MI

Per Urban Land Institute's *Shared Parking, Second Edition*

9/15/2023

PFM Update with Latest Development Program (see Uses)

	Peak 1						Peak 2												
	1,457	1,454	1,827	2,284	2,525	2,583	2,529	2,560	2,684	2,445	2,411	2,319	2,152	2,205	2,202	2,219	2,252	2,080	1,685
Total Parking Demand	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	
Total Parking Provided	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	
Net Surplus	1,270	1,273	900	443	202	144	198	167	43	282	316	408	575	522	525	508	475	647	1,042
% of Surplus	87%	88%	49%	19%	8%	6%	8%	7%	2%	12%	13%	18%	27%	24%	24%	23%	21%	31%	62%

WEEKDAY CALCULATIONS

Users	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	noon	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	midnight
Retail																			
Employees	10%	15%	25%	45%	75%	95%	100%	100%	100%	100%	100%	100%	100%	100%	90%	60%	40%	20%	0%
	3	4	6	12	19	25	26	26	26	26	26	26	26	26	23	16	10	5	0
Visitors	1%	5%	15%	35%	60%	75%	100%	100%	95%	85%	85%	85%	90%	80%	65%	45%	15%	5%	0%
	1	5	16	38	65	81	108	108	102	92	92	92	97	86	70	48	16	5	0
Subtotal	4	9	23	49	84	105	134	134	128	118	118	118	123	112	93	64	27	11	0
Restaurant																			
Employees	0%	20%	50%	75%	90%	90%	90%	90%	90%	75%	75%	70%	90%	90%	100%	100%	85%	35%	
	0	22	54	82	98	98	98	98	98	82	82	76	98	98	109	109	109	92	38
Visitors	0%	0%	0%	0%	15%	40%	75%	75%	65%	40%	50%	75%	95%	100%	100%	100%	95%	75%	25%
	0	0	0	0	96	256	480	480	416	256	320	480	608	640	640	640	608	480	160
Subtotal	0	22	54	82	194	354	578	578	514	338	402	556	706	738	749	749	717	573	198
Hotel																			
Employees	10%	30%	100%	100%	100%	100%	100%	100%	100%	100%	100%	70%	70%	40%	20%	20%	20%	10%	5%
	2	7	23	23	23	23	23	23	23	23	23	16	16	9	5	5	5	2	1
Visitors	95%	90%	80%	70%	60%	55%	55%	60%	60%	65%	70%	75%	75%	80%	85%	95%	100%	100%	
	143	135	120	105	90	83	83	90	90	98	105	113	113	120	128	143	150	150	
Subtotal	145	142	143	128	113	113	105	105	113	113	113	121	122	117	125	132	147	152	151
Residential																			
Residents	95%	80%	67%	55%	50%	45%	40%	40%	40%	40%	45%	50%	60%	70%	80%	85%	95%	97%	100%
	1,269	1,068	895	735	668	601	534	534	534	534	601	668	801	935	1,068	1,135	1,269	1,295	1,335
Visitors	0%	10%	20%	20%	20%	20%	20%	20%	20%	20%	20%	40%	60%	100%	100%	100%	80%	50%	0%
	0	10	20	20	20	20	20	20	20	20	20	40	59	99	99	99	79	50	0
Subtotal	1,269	1,078	915	754	688	621	554	554	554	554	621	707	861	1,034	1,167	1,234	1,348	1,345	1,335
Office																			
Employees	3%	15%	50%	90%	100%	100%	85%	85%	95%	95%	85%	60%	25%	15%	5%	3%	1%	0%	0%
	40	202	672	1,210	1,344	1,344	1,142	1,142	1,277	1,277	1,142	806	336	202	67	40	13	-	-
Visitors	0%	1%	20%	60%	100%	45%	15%	45%	95%	45%	15%	10%	5%	2%	1%	0%	0%	0%	0%
	0	1	21	62	103	47	16	47	98	47	16	10	5	2	1	0	0	0	
Subtotal	40	203	693	1,272	1,447	1,390	1,158	1,189	1,375	1,323	1,158	817	341	204	68	40	13	-	-

Weekend Parking Demand Study

Southside-Ann Arbor, MI

Per Urban Land Institute's *Shared Parking, Second Edition*

9/15/2023

	Peak 1								Peak 2							
Total Parking Demand	1,488	1,502	1,515	1,522	1,503	1,567	1,775	1,781	1,733	1,762	1,781	1,951	2,186	2,297	2,360	2,311
Total Parking Provided	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727	2,727
Net Surplus	1,239	1,225	1,212	1,205	1,224	1,160	952	946	994	965	946	776	541	430	367	416
% of Surplus	83%	82%	80%	79%	81%	74%	54%	53%	57%	55%	53%	40%	25%	19%	16%	18%

WEEKEND CALCULATIONS																			
Users	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	noon	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	midnight
Retail																			
Employees	10%	15%	40%	75%	85%	95%	100%	100%	100%	100%	100%	95%	85%	80%	75%	65%	45%	15%	0%
	3	4	12	22	25	28	30	30	30	30	30	28	25	24	22	19	13	4	0
Visitors	1%	5%	30%	50%	70%	90%	95%	100%	100%	95%	90%	80%	75%	70%	65%	50%	30%	10%	0%
	1	6	36	59	83	107	113	119	119	113	107	95	89	83	77	59	36	12	0
Subtotal	4	10	48	82	108	135	143	149	149	143	137	123	114	107	100	79	49	16	0
Restaurant																			
Employees	0%	20%	30%	60%	75%	75%	75%	75%	75%	75%	100%	100%	100%	100%	100%	100%	100%	85%	50%
	0	24	36	72	91	91	91	91	91	91	121	121	121	121	121	121	121	103	60
Visitors	0%	0%	0%	0%	0%	15%	50%	55%	45%	45%	60%	90%	95%	100%	90%	90%	90%	50%	368
	0	0	0	0	0	111	368	405	332	332	442	663	700	737	663	663	663	663	368
Subtotal	0	24	36	72	91	201	459	496	422	422	563	784	821	858	784	784	766	429	
Hotel																			
Employees	10%	30%	100%	100%	100%	100%	100%	100%	100%	100%	70%	70%	40%	20%	20%	20%	10%	5%	
	2	7	23	23	23	23	23	23	23	23	16	16	9	5	5	5	2	1	
Visitors	95%	95%	90%	80%	70%	70%	65%	65%	70%	70%	75%	80%	85%	85%	90%	95%	100%	100%	
	143	143	135	120	105	105	98	98	105	105	113	120	128	128	135	143	150	150	
Subtotal	145	149	158	143	128	128	120	120	128	128	136	137	132	140	147	147	152	151	
Residential																			
Tenants	100%	95%	88%	80%	75%	70%	68%	65%	65%	68%	71%	74%	77%	80%	83%	86%	89%	92%	100%
	1,335	1,269	1,175	1,068	1,002	935	908	868	868	908	948	988	1,028	1,068	1,108	1,149	1,189	1,229	1,335
Visitors	0%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	40%	60%	100%	100%	100%	80%	50%	
	0	30	30	30	30	30	30	30	30	30	30	59	89	149	149	149	119	74	
Subtotal	1,335	1,298	1,205	1,098	1,031	965	938	898	898	938	978	1,048	1,117	1,217	1,257	1,297	1,337	1,347	1,410
Office																			
Employees	3%	15%	50%	90%	100%	100%	85%	85%	95%	95%	85%	60%	25%	15%	5%	3%	1%	0%	0%
	4	20	67	121	134	134	114	114	128	128	114	81	34	20	7	4	1	-	-
Visitors	0%	1%	20%	60%	100%	45%	15%	45%	95%	45%	15%	10%	5%	2%	1%	0%	0%	0%	0%
	0	0	2	6	10	5	2	5	10	5	2	1	1	0	0	0	0	0	
Subtotal	4	20	69	127	145	139	116	119	137	132	116	82	34	20	7	4	1	-	-

APPENDIX 2



Southside Redevelopment - Ann Arbor Public Finance Bond Model

Incentive Request: Local & State TIF | Public Ownership of Garages | Base Case

*Version Dated:
October 6, 2023*

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Southside Redevelopment - Ann Arbor
Public Finance Bond Model

Version Dated: Friday, October 6, 2023

Schedule I
Sources & Uses of Funds

I. Public Project Sources and Uses of Funds

Sources	Phase I	Phase II	Phase III	Phase IV	Total
TIF Bonds	\$ 37,385,000.00	\$ 30,675,000.00	\$ 32,150,000.00	\$ 16,850,000.00	\$ 117,060,000.00
Developer Contribution	7,183,848.39	7,002,167.68	2,100,682.77	-	16,286,698.84
Total Sources of Funds	\$ 44,568,848.39	\$ 37,677,167.68	\$ 34,250,682.77	\$ 16,850,000.00	\$ 133,346,698.84
Uses					
Parking Garage Costs					
Land	\$ 4,600,000.00	\$ 3,920,000.00	\$ 3,310,000.00	\$ -	\$ 11,830,000.00
Parking Garage Hard Costs	25,758,880.00	21,949,760.00	18,547,200.00	12,290,105.31	78,545,945.31
Soft Costs	3,310,645.00	2,829,647.00	2,982,631.00	-	9,122,923.00
Contingency	2,022,701.00	1,732,159.00	2,055,271.00	-	5,810,131.00
Subtotal	\$ 35,692,226.00	\$ 30,431,566.00	\$ 26,895,102.00	\$ 12,290,105.31	\$ 105,308,999.31
Reserves and Financing Costs					
Capitalized Interest & Servicing Fees	\$ 5,511,972.39	\$ 4,484,851.68	\$ 4,462,080.77	\$ 3,043,394.69	\$ 17,502,299.53
Cost of Issuance	1,495,400.00	1,227,000.00	1,286,000.00	674,000.00	4,682,400.00
Debt Service Reserve	1,869,250.00	1,533,750.00	1,607,500.00	842,500.00	5,853,000.00
Rounding Contingency	-	-	-	-	-
Subtotal	\$ 8,876,622.39	\$ 7,245,601.68	\$ 7,355,580.77	\$ 4,559,894.69	\$ 28,037,699.53
Total Uses of Funds	\$ 44,568,848.39	\$ 37,677,167.68	\$ 34,250,682.77	\$ 16,850,000.00	\$ 133,346,698.84

II. Bond Financing Terms

Closing Date	6/1/2024	6/1/2027	12/1/2029	12/1/2031
Anticipated Rating	Non-Rated	Non-Rated	Non-Rated	Non-Rated
Anticipated Tax Status	Tax-Exempt	Tax-Exempt	Tax-Exempt	Tax-Exempt
Anticipated Purchaser	Institutional-Investor	Institutional-Investor	Institutional-Investor	Institutional-Investor
Capitalized Interest from Closing to	12/1/2027	12/1/2029	12/1/2032	12/1/2034
Fixed Interest Rate (estimated as of 10/6/2023)	6.000%	6.000%	6.000%	6.000%
Final Maturity	12/1/2057	12/1/2059	12/1/2062	12/1/2064
Term (years)	33.50	32.50	33.00	33.00
Average Life (years)	24.39	23.72	24.06	23.49
Annual Fees				
Issuer Fee	0.125%	0.125%	0.125%	0.125%
Bond Trustee Fee	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00



Southside Redevelopment - Ann Arbor

Public Finance Bond Model

Version Dated: Friday, October 6, 2023

Schedule II

Phase I Pledged Revenue Assumptions

For Parcels Located within the City of Ann Arbor

	City of Ann Arbor		
	81010 AAPS		
Commercial Effective Millage Rate (Tax Year 2022)	65.716900		
AAPS Debt	4.100000		
AAPS Operating	18.000000		
State ED Tax	6.000000		
Washtenaw County Collection Fee	1.000%		

Development Revenue & Valuation Assumptions

Residential - B1

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total Units	N/A		178
Valuation per Unit	\$ 10,500	\$ 105,000	
Total Incremental Market Value	\$ 1,869,000	\$ 18,690,000	
Total Incremental Tax Bill	\$ 122,825	\$ 1,228,249	
AAPS Debt	(7,663)	(76,629)	
Estimated County Auditor Collection Fee (1.00%)	(1,228)	(12,282)	
Estimated Net TIF Service Payments Available	\$ 113,934	\$ 1,139,337	
First TIF Collection Year	2027	2027	

Residential - B3

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total Units	N/A		150
Valuation per Unit	\$ 10,500	\$ 105,000	
Total Incremental Market Value	\$ 1,575,000	\$ 15,750,000	
Total Incremental Tax Bill	\$ 103,504	\$ 1,035,041	
AAPS Debt	(6,458)	(64,575)	
Estimated County Auditor Collection Fee (1.00%)	(1,035)	(10,350)	
Estimated Net TIF Service Payments Available	\$ 96,012	\$ 960,116	
First TIF Collection Year	2028	2028	

Commercial - B1

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total SF	N/A		26,813
Valuation per SF	\$ 73	\$ 60	
Total Incremental Market Value	\$ 1,966,306	\$ 1,608,780	
Total Incremental Tax Bill	\$ 129,220	\$ 105,724	
AAPS Debt	(8,062)	(6,596)	
Estimated County Auditor Collection Fee (1.00%)	(1,292)	(1,057)	
Estimated Net TIF Service Payments Available	\$ 119,865	\$ 98,071	
First TIF Collection Year	2027	2027	

Commercial - B3

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total SF	N/A		11,560
Valuation per SF	\$ 73	\$ 60	
Total Incremental Market Value	\$ 847,742	\$ 693,600	
Total Incremental Tax Bill	\$ 55,711	\$ 45,581	
AAPS Debt	(3,476)	(2,844)	
Estimated County Auditor Collection Fee (1.00%)	(557)	(456)	
Estimated Net TIF Service Payments Available	\$ 51,678	\$ 42,282	
First TIF Collection Year	2028	2028	

Southside Redevelopment - Ann Arbor



Public Finance Bond Model
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Schedule III

Southside Redevelopment - Ann Arbor

Public Finance Bond Model

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Schedule III

Phase I Bond Proforma

Year	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	Total
I. Pledged Revenues																		
B2 Parking Garage																		
Apartment Leases - 24 Hour	\$ 924,174	\$ 942,657	\$ 961,510	\$ 980,740	\$ 1,000,355	\$ 1,020,362	\$ 1,040,770	\$ 1,061,585	\$ 1,082,817	\$ 1,104,473	\$ 1,126,562	\$ 1,149,094	\$ 1,172,076	\$ 1,195,517	\$ 1,219,427	\$ 1,243,816	\$ 1,268,692	\$ 30,369,576
Transient (Hourly)	378,011	385,571	393,282	401,148	409,171	417,354	425,701	434,215	442,900	451,758	460,793	470,009	479,409	488,997	498,777	508,753	518,928	12,421,935
Office Parking	538,778	549,554	560,545	571,756	583,191	594,854	606,752	618,887	631,264	643,890	656,767	669,903	683,301	696,967	710,906	725,124	739,627	17,704,964
Vacancy (10%)	(184,096)	(187,778)	(191,534)	(195,364)	(203,257)	(207,322)	(211,469)	(215,698)	(220,012)	(224,412)	(228,901)	(233,479)	(238,148)	(242,911)	(247,769)	(252,725)	(260,082)	(6,049,648)
Facility Operation Costs	(473,544)	(483,020)	(492,681)	(502,534)	(512,585)	(522,837)	(533,293)	(543,959)	(554,838)	(565,935)	(577,254)	(588,799)	(600,575)	(612,586)	(624,838)	(637,335)	(650,082)	(15,561,457)
Parking Operation Costs	(165,687)	(169,000)	(172,380)	(175,828)	(179,345)	(182,931)	(186,590)	(190,322)	(194,128)	(198,011)	(201,971)	(206,010)	(210,131)	(214,333)	(218,620)	(222,992)	(227,452)	(5,444,683)
Parking Garage NOI	\$ 1,017,630	\$ 1,037,983	\$ 1,058,743	\$ 1,079,917	\$ 1,101,516	\$ 1,123,546	\$ 1,146,017	\$ 1,161,937	\$ 1,192,316	\$ 1,216,162	\$ 1,240,486	\$ 1,265,295	\$ 1,290,601	\$ 1,316,413	\$ 1,342,742	\$ 1,369,596	\$ 1,396,988	\$ 33,440,688
Tax Increment Financing																		
Projected Net Service Payment Amounts																		
Residential - B1	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 1,253,271	\$ 37,598,133
Commercial - B1	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	217,936	6,538,088
Residential - B3	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	1,056,127	31,683,820
Commercial - B3	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	93,960	2,818,793
Statutory Service Payment Subtotal	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 2,621,294	\$ 1,150,087	\$ 78,638,835
Issuer Bond Revenues																		
Phase I Bonds Capitalized Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,511,972
Phase I Bonds Debt Service Reserve Liquidation (Turbo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,869,250
Phase I Bonds DSR Earnings (3.00%)	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	112,155	3,099,596
Bond Revenues Subtotal	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 112,155	\$ 10,480,819
Total Pledged Revenues	\$ 3,751,080	\$ 3,771,432	\$ 3,792,192	\$ 3,813,367	\$ 3,834,965	\$ 3,856,996	\$ 3,879,466	\$ 3,902,387	\$ 3,925,766	\$ 3,949,612	\$ 3,973,935	\$ 3,998,745	\$ 4,024,051	\$ 5,919,113	\$ 3,964,036	\$ 3,990,891	\$ 2,547,075	\$ 122,560,342
II. Waterfall for Pledged Revenues																		
(1) To State Brownfield Redevelopment Fund (3 mils, first 25 years)	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001	3,225,032
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	1,213,157
(3) Admin Fees to LBRA (2.5% of Local Capture)	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	40,439	1,213,157
(4) Garage O&M Reserve (5% of annual Operating Expenses)	31,962	32,601	33,253	33,918	34,596	35,288	35,994	36,714	37,448	38,197	38,961	39,740	40,535	41,346	42,173	43,016	43,877	1,050,307
(5) Beginning in 2030 to the Garage Capital Improvement Reserve (\$200 per space)	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	184,000	5,152,000
(6a) Principal and Interest on Phase I Bonds (Turbo)	2,526,000	2,519,500	2,518,200	2,511,200	2,503,500	2,499,800	2,484,800	2,478,200	2,469,400	2,457,800	2,453,100	2,449,700	2,538,400	2,188,900	-	-	-	75,746,650
(6b) Issuer Expenses on Phase I Bonds (Turbo)	37,375	35,781	34,088	32,275	30,344	28,288	26,100	23,775	21,300	18,663	15,856	12,869	9,613	6,081	-	-	-	1,099,284
(7) TIF Administrator Fees	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	280,000
(8) Excess to Phase I Debt Service Reserve (until 10% of par)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,869,250
(9) 50% of Excess to the City	375,932	389,836	401,387	416,048	431,323	444,871	464,347	479,910	496,869	515,537	531,070	557,480	580,313	769,329	1,828,493	1,841,499	1,141,857	14,921,127
(10) 50% of Excess to Turbo Phase I Bonds	375,000	385,000	400,000	415,000	430,000	440,000	460,000	475,000	495,000	515,000	530,000	555,000	580,000	-	-	-	-	9,280,000
(11) Excess available for Phase II Bonds	932	4,836	1,387	1,048	1,323	4,871	4,347	4,910	1,869	537	1,070	2,480	313	2,638,579	1,828,493	1,841,499	1,141,857	7,510,377
Total Waterfall Deposits	\$ 3,751,080	\$ 3,771,432	\$ 3,792,192	\$ 3,813,367	\$ 3,834,965	\$ 3,856,996	\$ 3,879,466	\$ 3,902,387	\$ 3,925,766	\$ 3,949,612	\$ 3,973,935	\$ 3,998,745	\$ 4,024,051	\$ 5,919,113	\$ 3,964,036	\$ 3,990,891	\$ 2,547,075	\$ 122,560,342
III. Debt Coverage Analysis																		
Debt Service Coverage Ratio (Turbo redemptions)	1.29	1.30	1.31	1.33	1.34	1.35	1.37	1.38	1.40	1.41	1.43	1.44	1.45	1.46	1.47	1.48	N/A	N/A
Debt Service Coverage Ratio (Mandatory redemptions)	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
IV. Reserve Balances																		
Phase I Debt Service Reserve Balance (Turbo)	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500	\$ 3,738,500



Southside Redevelopment - Ann Arbor

Public Finance Bond Model

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Schedule IV

Phase II Pledged Revenue Assumptions

For Parcels Located within the City of Ann Arbor

Taxing District	City of Ann Arbor	
School District	81010 AAPS	
Commercial Effective Millage Rate (Tax Year 2022)	65.716900	
Residential Effective Millage Rate (Tax Year 2022)	68.359200	
AAPS Debt	4.100000	
AAPS Operating	18.000000	
State ED Tax	6.000000	
Washtenaw County Collection Fee	1.000%	

Development Revenue & Valuation Assumptions

Hotel - A1

Parcel Use TIF Terms	Commercial		Building
	Land	30-yr 100% TIF	
Total Units	N/A		150
Valuation per Unit	\$ 8,000	\$ 40,000	
Total Incremental Market Value	\$ 1,200,000	\$ 6,000,000	
Total Incremental Tax Bill	\$ 78,860	\$ 394,301	
AAPS Debt	(4,920)	(24,600)	
Estimated County Auditor Collection Fee (1.00%)	(789)	(3,943)	
Estimated Net TIF Service Payments Available	\$ 73,152	\$ 365,758	
First TIF Collection Year	2030	2030	

Residential - A3

Parcel Use TIF Terms	Commercial		Building
	Land	30-yr 100% TIF	
Total Units	N/A		87
Valuation per Unit	\$ 10,500	\$ 105,000	
Total Incremental Market Value	\$ 913,500	\$ 9,135,000	
Total Incremental Tax Bill	\$ 60,032	\$ 600,324	
AAPS Debt	(3,745)	(37,454)	
Estimated County Auditor Collection Fee (1.00%)	(600)	(6,003)	
Estimated Net TIF Service Payments Available	\$ 55,687	\$ 556,867	
First TIF Collection Year	2030	2030	

Commercial - A3

Parcel Use TIF Terms	Commercial		Building
	Land	30-yr 100% TIF	
Total SF	N/A		28,089
Valuation per SF	\$ 73	\$ 60	
Total Incremental Market Value	\$ 2,059,880	\$ 1,685,340	
Total Incremental Tax Bill	\$ 135,369	\$ 110,755	
AAPS Debt	(8,446)	(6,910)	
Estimated County Auditor Collection Fee (1.00%)	(1,354)	(1,108)	
Estimated Net TIF Service Payments Available	\$ 125,570	\$ 102,738	
First TIF Collection Year	2030	2030	

Condo Residential - A3

Parcel Use TIF Terms	Residential		Building
	Land	30-yr 100% TIF	
Total SF	N/A		58,795
Valuation per SF	\$ 191	\$ 70	
Total Incremental Market Value	\$ 11,247,121	\$ 4,115,650	
Total Incremental Tax Bill	\$ 768,844	\$ 281,343	
AAPS Debt	(46,113)	(16,874)	
Estimated County Auditor Collection Fee (1.00%)	(7,688)	(2,813)	
Estimated Net TIF Service Payments Available	\$ 715,043	\$ 261,655	
First TIF Collection Year	2030	2030	

Commercial - A4

Parcel Use TIF Terms	Commercial		Building
	Land	30-yr 100% TIF	
Total SF	N/A		3,360
Valuation per SF	\$ 73	\$ 60	
Total Incremental Market Value	\$ 246,402	\$ 201,600	
Total Incremental Tax Bill	\$ 16,193	\$ 13,249	
AAPS Debt	(1,010)	(827)	
Estimated County Auditor Collection Fee (1.00%)	(162)	(132)	
Estimated Net TIF Service Payments Available	\$ 15,021	\$ 12,289	
First TIF Collection Year	2030	2030	

Commercial - A5

Parcel Use TIF Terms	Commercial		Building
	Land	Building	
Total SF	N/A		3,360
Valuation per SF	\$ 73	\$ 60	
Total Incremental Market Value	\$ 246,402	\$ 201,600	
Total Incremental Tax Bill	\$ 16,193	\$ 13,249	
AAPS Debt	(1,010)	(827)	
Estimated County Auditor Collection Fee (1.00%)	(162)	(132)	
Estimated Net TIF Service Payments Available	\$ 15,021	\$ 12,289	
First TIF Collection Year	2030	2030	



Southside Redevelopment - Ann Arbor
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Schedule V
Phase II Bond Proforma

Year	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
I. Pledged Revenues																	
A2 Parking Garage																	
Apartment Leases - 24 Hour																	
Transient (Hourly)																	
Hotel - 24 Hour																	
Office Parking																	
Vacancy																	
Facility Operation Costs																	
Parking Operation Costs																	
Parking Garage NOI																	
Tax Increment Financing																	
Projected Net Service Payment Amounts																	
Excess Service Payments from Phase I Bonds																	
Hotel - A1																	
Residential - A3																	
Commercial - A3																	
Condo Residential - A3																	
Commercial - A4																	
Commercial - A5																	
Statutory Service Payment Subtotal																	
Issuer Bond Revenues																	
Phase II Bonds Capitalized Interest																	
Phase II Bonds Debt Service Reserve Liquidation (Turbo)																	
Phase II Bonds DSR Earnings (3.00%)																	
Bond Revenues Subtotal																	
Total Pledged Revenues																	
II. Waterfall for Pledged Revenues																	
(1) To State Brownfield Redevelopment Fund (3 mils, first 25 years)																	
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)																	
(3) Admin Fees to LTRA (2.5% of Local Capture)																	
(4) Garage O&M Reserve (5% of annual Operating Expenses)																	
(5) Beginning in 2033 to the Garage Capital Improvement Reserve (\$200 per space)																	
(6a) Principal and Interest on Phase II Bonds (Turbo)																	
(6b) Issuer Expenses on Phase II Bonds (Turbo)																	
(7) TIF Administrator Fees																	
(8) Excess to Phase II Debt Service Reserve (until 10% of par)																	
(9) 50% of Excess to the City																	
(10) 50% of Excess to Turbo Phase II Bonds																	
(11) Excess available for Phase III Bonds																	
Total Waterfall Deposits																	
III. Debt Coverage Analysis																	
Debt Service Coverage Ratio (Turbo redemptions)																	
Debt Service Coverage Ratio (Mandatory redemptions)																	
IV. Reserve Balances																	
Phase II Debt Service Reserve Balance (Turbo)																	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model

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Schedule V

Phase II Bond Proforma

Year	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	Total
I. Pledged Revenues																	
A2 Parking Garage																	
Apartment Leases - 24 Hour	\$ 94,459	\$ 96,348	\$ 98,275	\$ 100,240	\$ 102,245	\$ 104,290	\$ 106,376	\$ 108,503	\$ 110,673	\$ 112,887	\$ 115,145	\$ 117,447	\$ 119,796	\$ 122,192	\$ 124,636	\$ 127,129	\$ 3,008,769
Transient (Hourly)	534,388	545,075	555,977	567,097	578,438	590,007	601,807	613,844	626,120	638,643	651,416	664,444	677,733	691,288	705,113	719,216	17,021,730
Hotel - 24 Hour	606,291	618,417	630,785	643,401	656,269	669,394	682,782	696,438	710,366	724,574	739,065	753,846	768,923	784,302	799,988	815,988	19,312,043
Office Parking	184,338	188,024	191,785	195,621	199,533	203,524	207,594	211,746	215,981	220,301	224,707	229,201	233,785	238,460	243,230	248,094	5,871,666
Vacancy	(141,947)	(144,786)	(147,682)	(150,636)	(153,649)	(156,721)	(159,856)	(163,053)	(166,314)	(169,640)	(173,033)	(176,494)	(180,024)	(183,624)	(187,297)	(191,043)	(4,521,421)
Facility Operation Costs	(436,694)	(445,428)	(454,337)	(463,423)	(472,692)	(482,146)	(491,789)	(501,624)	(511,657)	(521,890)	(532,328)	(542,974)	(553,834)	(564,910)	(576,209)	(587,733)	(13,909,918)
Parking Operation Costs	(127,753)	(130,308)	(132,914)	(135,572)	(138,284)	(141,049)	(143,870)	(146,748)	(149,676)	(155,730)	(158,844)	(162,021)	(165,262)	(168,567)	(171,938)	(4,069,279)	
Parking Garage NOI	\$ 713,080	\$ 727,342	\$ 741,889	\$ 756,727	\$ 771,861	\$ 787,298	\$ 803,044	\$ 819,105	\$ 835,487	\$ 852,197	\$ 869,241	\$ 886,626	\$ 904,358	\$ 922,446	\$ 940,895	\$ 959,712	\$ 22,713,590
Tax Increment Financing																	
Projected Net Service Payment Amounts																	
Excess Service Payments from Phase I Bonds	\$ 1,048	\$ 1,323	\$ 4,871	\$ 4,347	\$ 4,910	\$ 1,869	\$ 537	\$ 1,070	\$ 2,480	\$ 313	\$ 2,638,579	\$ 1,828,493	\$ 1,841,499	\$ 1,141,857	\$ -	\$ -	\$ 7,510,377
Hotel - A1	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	438,910	12,947,847
Residential - A3	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	612,554	18,070,339
Commercial - A3	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	228,308	6,735,075
Condo Residential - A3	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	976,698	28,812,576
Commercial - A4	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	805,648
Commercial - A5	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	27,310	805,648
Statutory Service Payment Subtotal	\$ 2,312,137	\$ 2,312,413	\$ 2,315,960	\$ 2,315,436	\$ 2,315,999	\$ 2,312,959	\$ 2,311,626	\$ 2,312,159	\$ 2,313,569	\$ 2,311,402	\$ 4,949,668	\$ 4,139,582	\$ 4,152,588	\$ 3,452,946	\$ 2,311,089	\$ 2,311,089	\$ 75,687,510
Issuer Bond Revenues																	
Phase II Bonds Capitalized Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,484,852
Phase II Bonds Debt Service Reserve Liquidation (Turbo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,533,750
Phase II Bonds DSR Earnings (3.00%)	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	92,025	2,363,697
Bond Revenues Subtotal	\$ 92,025	\$ 1,625,775	\$ -	\$ -	\$ -	\$ 8,382,299											
Total Pledged Revenues	\$ 3,117,242	\$ 3,131,780	\$ 3,149,874	\$ 3,164,188	\$ 3,179,885	\$ 3,192,282	\$ 3,206,696	\$ 3,223,289	\$ 3,241,081	\$ 3,255,624	\$ 5,910,935	\$ 6,651,983	\$ 5,056,946	\$ 4,375,392	\$ 3,251,984	\$ 3,270,802	\$ 106,783,399
II. Waterfall for Pledged Revenues																	
(1) To State Brownfield Redevelopment Fund (3 mills, first 25 years)	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	\$ 111,757	2,738,058
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	1,033,476
(3) Admin Fees to LBRA (2.5% of Local Capture)	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	35,033	1,033,476
(4) Garage O&M Reserve (5% of annual Operating Expenses)	28,222	28,787	29,363	29,950	30,549	31,160	31,783	32,419	33,067	33,728	34,403	35,091	35,793	36,509	37,239	37,984	867,711
(5) Beginning in 2033 to the Garage Capital Improvement Reserve (\$200 per space)	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	156,800	4,233,600
(6a) Principal and Interest on Phase II Bonds (Turbo)	2,076,000	2,070,300	2,065,400	2,056,000	2,051,800	2,042,500	2,033,100	2,028,000	2,016,900	2,004,500	1,995,500	2,000,100	-	-	-	-	58,465,550
(6b) Issuer Expenses on Phase II Bonds (Turbo)	30,500	29,131	27,675	26,125	24,475	22,719	20,856	18,875	16,769	14,531	12,156	7,981	-	-	-	-	886,741
(7) TIF Administrator Fees	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	-	-	-	-	260,000
(8) Excess to Phase II Debt Service Reserve (until 10% of par)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,533,750
(9) 50% of Excess to the City	316,948	327,469	339,406	351,745	362,219	373,640	386,166	397,686	412,861	427,121	1,760,126	2,185,972	2,397,144	2,056,009	1,493,939	1,502,976	17,865,518
(10) 50% of Excess to Turbo Phase II Bonds	315,000	325,000	335,000	350,000	360,000	370,000	385,000	395,000	410,000	425,000	1,760,000	650,000	-	-	-	-	8,835,000
(11) Excess available for Phase III Bonds	1,948	2,469	4,406	1,745	2,219	3,640	1,166	2,686	2,861	2,121	126	1,535,972	2,397,144	2,056,009	1,493,939	1,502,976	9,030,518
Total Waterfall Deposits	\$ 3,117,242	\$ 3,131,780	\$ 3,149,874	\$ 3,164,188	\$ 3,179,885	\$ 3,192,282	\$ 3,206,696	\$ 3,223,289	\$ 3,241,081	\$ 3,255,624	\$ 5,910,935	\$ 6,651,983	\$ 5,056,946	\$ 4,375,392	\$ 3,251,984	\$ 3,270,802	\$ 106,783,399
III. Debt Coverage Analysis																	
Debt Service Coverage Ratio (Turbo redemptions)	1.30	1.31	1.32	1.34	1.35	1.36	1.37	1.39	1.40	1.42	1.42	1.42	1.42	N/A	N/A	N/A	N/A
Debt Service Coverage Ratio (Mandatory redemptions)	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
IV. Reserve Balances																	
Phase II Debt Service Reserve Balance (Turbo)	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 3,067,500	\$ 1,533,750	\$ 1,533,750	\$ 1,533,750	\$ 1,533,750	\$ 1,533,750



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
Version Dated: Friday, October 6, 2023

Schedule VI
Phase III Pledged Revenue Assumptions

For Parcels Located within the City of Ann Arbor

Taxing District	City of Ann Arbor	
School District	81010 AAPS	
Commercial Effective Millage Rate (Tax Year 2022)	65.716900	
AAPS Debt	4.100000	
AAPS Operating	18.000000	
State ED Tax	6.000000	
Washtenaw County Collection Fee	1.000%	

Development Revenue & Valuation Assumptions

Residential - C1

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total Units	N/A	120	
Valuation per Unit	\$ 10,500	\$ 105,000	
Total Incremental Market Value	\$ 1,260,000	\$ 12,600,000	
Total Incremental Tax Bill	\$ 82,803	\$ 828,033	
AAPS Debt	(5,166)	(51,660)	
Estimated County Auditor Collection Fee (1.00%)	(828)	(8,280)	
Estimated Net TIF Service Payments Available	\$ 76,809	\$ 768,093	
First TIF Collection Year	2033	2033	

Commercial - C1

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total SF	N/A	8,364	
Valuation per SF	73	60	
Total Incremental Market Value	\$ 613,366	\$ 501,840	
Total Incremental Tax Bill	\$ 40,309	\$ 32,979	
AAPS Debt	(2,515)	(2,058)	
Estimated County Auditor Collection Fee (1.00%)	(403)	(330)	
Estimated Net TIF Service Payments Available	\$ 37,391	\$ 30,592	
First TIF Collection Year	2033	2033	

Residential - C3

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total Units	N/A	199	
Valuation per Unit	\$ 10,500	\$ 105,000	
Total Incremental Market Value	\$ 2,089,500	\$ 20,895,000	
Total Incremental Tax Bill	\$ 137,315	\$ 1,373,155	
AAPS Debt	(8,567)	(85,670)	
Estimated County Auditor Collection Fee (1.00%)	(1,373)	(13,732)	
Estimated Net TIF Service Payments Available	\$ 127,375	\$ 1,273,754	
First TIF Collection Year	2033	2033	

Commercial - C4

	Commercial		
	30-yr 100% TIF		
	Land	Building	
Total SF	N/A	3,906	
Valuation per SF	73	60	
Total Incremental Market Value	\$ 286,443	\$ 234,360	
Total Incremental Tax Bill	\$ 18,824	\$ 15,401	
AAPS Debt	(1,174)	(961)	
Estimated County Auditor Collection Fee (1.00%)	(188)	(154)	
Estimated Net TIF Service Payments Available	\$ 17,461	\$ 14,287	
First TIF Collection Year	2033	2033	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
Version Dated: Thursday, September 7, 2023

Schedule VII
Phase III Bond Proforma

Year	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	
I. Pledged Revenues																		
C2 Parking Garage																		
2% Inflation Hereafter																		
Apartment Leases - 24 Hour	\$ 667,584	\$ 680,936	\$ 694,554	\$ 708,445	\$ 722,614	\$ 737,067	\$ 751,808	\$ 766,844	\$ 782,181	\$ 797,825	\$ 813,781	\$ 830,057	\$ 846,658	\$ 863,591	\$ 880,863	\$ 898,480	\$ 916,450	
Transient (Hourly)	241,448	246,276	251,202	256,226	261,351	266,578	271,909	277,347	282,894	288,552	294,323	300,210	306,214	312,338	318,585	324,957	331,456	
Office Parking	113,400	115,668	117,981	120,341	122,748	125,203	127,707	130,261	132,866	135,523	138,234	140,999	143,819	146,695	149,629	152,621	155,674	
Vacancy	(102,243)	(104,288)	(106,374)	(108,501)	(110,671)	(112,885)	(115,142)	(117,445)	(119,794)	(122,190)	(124,634)	(127,127)	(129,669)	(132,262)	(134,908)	(137,606)	(140,358)	
Facility Operation Costs	(284,965)	(290,664)	(296,477)	(302,407)	(308,455)	(314,624)	(320,916)	(327,335)	(333,881)	(340,559)	(347,370)	(354,318)	(361,404)	(368,632)	(376,005)	(383,525)	(391,195)	
Parking Operation Costs	(92,019)	(93,859)	(95,736)	(97,651)	(99,604)	(101,596)	(103,628)	(105,701)	(107,815)	(109,971)	(112,170)	(114,414)	(116,702)	(119,036)	(121,417)	(123,845)	(126,322)	
Parking Garage NOI	\$ 543,205	\$ 554,069	\$ 565,150	\$ 576,453	\$ 587,983	\$ 599,742	\$ 611,737	\$ 623,972	\$ 636,451	\$ 649,180	\$ 662,164	\$ 675,407	\$ 688,915	\$ 702,694	\$ 716,747	\$ 731,082	\$ 745,704	
Tax Increment Financing																		
Projected Net Service Payment Amounts																		
Excess Service Payments from Phase II Bonds (Turbo)	\$ -	\$ -	\$ -	\$ -	\$ 2,377	\$ 963	\$ 4,860	\$ 720	\$ 1,655	\$ 17	\$ 2,366	\$ 2,456	\$ 521	\$ 1,795	\$ 1,360	\$ 1,948	\$ 2,469	\$ 4,406
Residential - C1	-	-	-	-	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	
Commercial - C1	-	-	-	-	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	
Residential - C3	-	-	-	-	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	
Commercial - C4	-	-	-	-	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	
Statutory Service Payment Subtotal	\$ -	\$ -	\$ -	\$ -	\$ 2,348,138	\$ 2,346,724	\$ 2,350,621	\$ 2,346,461	\$ 2,347,417	\$ 2,345,779	\$ 2,348,128	\$ 2,348,216	\$ 2,346,283	\$ 2,347,557	\$ 2,347,121	\$ 2,347,710	\$ 2,348,230	\$ 2,350,168
Issuer Bond Revenues																		
Phase III Bonds Capitalized Interest	\$ 1,479,829	\$ 1,496,798	\$ 1,485,454	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Phase III Bonds Debt Service Reserve Liquidation (Turbo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Phase III Bonds DSR Earnings (3.00%)	48,225	48,225	51,140	54,124	68,170	82,467	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	
Bond Revenues Subtotal	\$ 1,528,054	\$ 1,545,023	\$ 1,536,594	\$ 54,124	\$ 68,170	\$ 82,467	\$ 93,493											
Total Pledged Revenues	\$ 2,071,259	\$ 2,099,092	\$ 2,101,745	\$ 2,978,716	\$ 3,002,877	\$ 3,032,831	\$ 3,051,711	\$ 3,064,882	\$ 3,075,723	\$ 3,090,801	\$ 3,103,874	\$ 3,115,183	\$ 3,129,985	\$ 3,143,307	\$ 3,157,950	\$ 3,172,806	\$ 3,189,365	
II. Waterfall for Pledged Revenues																		
(1) To State Brownfield Redevelopment Fund (3 mils. first 25 years)	\$ -	\$ -	\$ -	\$ -	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	-	-	-	-	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	
(3) Admin Fees to LBRA (2.5% of Local Capture)	-	-	-	-	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	
(4) Garage O&M Reserve (5% of annual Operating Expenses)	-	19,226	19,611	20,003	20,403	20,811	21,227	21,652	22,085	22,977	23,437	23,905	24,383	24,871	25,368	25,876	-	
(5) Beginning in 2036 to the Garage Capital Improvement Reserve (\$200 per space)	-	-	-	-	-	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	
(6a) Principal and Interest on Phase III Bonds (Turbo)	1,929,000	1,929,000	1,929,000	2,249,000	2,264,800	2,278,500	2,191,500	2,192,900	2,191,900	2,188,200	2,187,100	2,178,000	2,171,200	2,171,400	2,163,000	2,161,300	2,150,700	
(6b) Issuer Expenses on Phase III Bonds (Turbo)	43,688	43,688	43,688	43,688	43,288	42,844	42,281	41,581	40,831	40,025	39,169	38,250	37,275	36,238	35,125	33,944	32,681	
(7) TIF Administrator Fees	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
(8) Excess to Phase III Debt Service Reserve (until 10% of par)	98,572	97,178	99,447	468,208	476,569	367,527	-	-	-	-	-	-	-	-	-	-	-	
(9) 50% of Excess to the City	-	-	-	-	-	62,666	233,243	239,266	245,345	254,916	262,206	272,639	283,684	290,535	302,368	310,988	324,945	
(10) Excess to Turbo Phase III Bonds	-	-	-	-	-	-	60,000	230,000	235,000	245,000	250,000	260,000	270,000	280,000	290,000	300,000	310,000	
(11) Excess	-	-	-	-	-	-	2,666	3,243	4,266	345	4,916	2,206	2,639	3,684	535	2,368	988	4,945
Total Waterfall Deposits	\$ 2,071,259	\$ 2,099,092	\$ 2,101,745	\$ 2,978,716	\$ 3,002,877	\$ 3,032,831	\$ 3,051,711	\$ 3,064,882	\$ 3,075,723	\$ 3,090,801	\$ 3,103,874	\$ 3,115,183	\$ 3,129,985	\$ 3,143,307	\$ 3,157,950	\$ 3,172,806	\$ 3,189,365	
III. Debt Coverage Analysis																		
Debt Service Coverage Ratio (Turbo redemptions)	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21	1.22	1.23	1.23	1.24	1.26	1.26	1.27	1.28	1.30	
Debt Service Coverage Ratio (Mandatory redemptions)	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
IV. Reserve Balances																		
Phase III Debt Service Reserve Balance (Turbo)	\$ 1,607,500	\$ 1,704,678	\$ 1,804,125	\$ 2,272,333	\$ 2,748,901	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
Version Dated: Thursday, September 7, 2023

Schedule VII
Phase III Bond Proforma

Year	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	Total
I. Pledged Revenues																	
C2 Parking Garage																	
Apartment Leases - 24 Hour	\$ 934,779	\$ 953,474	\$ 972,544	\$ 991,995	\$ 1,011,835	\$ 1,032,071	\$ 1,052,713	\$ 1,073,767	\$ 1,095,242	\$ 1,117,147	\$ 1,139,490	\$ 1,162,280	\$ 1,185,526	\$ 1,209,236	\$ 1,233,421	\$ 1,258,089	\$ 30,783,346
Transient (Hourly)	338,085	344,846	351,743	358,778	365,954	373,273	380,738	388,353	396,120	404,043	412,123	420,366	428,773	437,349	446,096	455,018	11,133,523
Office Parking	158,787	161,963	165,202	168,506	171,877	175,314	178,820	182,397	186,045	189,766	193,561	197,432	201,381	205,408	209,517	213,707	5,229,052
Vacancy	(143,165)	(146,028)	(148,949)	(151,928)	(154,967)	(158,066)	(161,227)	(164,452)	(167,741)	(171,096)	(174,517)	(178,008)	(181,568)	(185,199)	(188,903)	(192,681)	(4,714,592)
Facility Operation Costs	(399,019)	(407,000)	(415,139)	(423,442)	(431,911)	(440,549)	(449,360)	(458,348)	(467,514)	(476,865)	(486,402)	(496,130)	(506,053)	(516,174)	(526,497)	(537,027)	(13,140,161)
Parking Operation Costs	(128,849)	(131,426)	(134,054)	(136,735)	(139,470)	(142,299)	(145,104)	(148,071)	(150,967)	(153,986)	(157,066)	(160,207)	(163,411)	(166,679)	(170,013)	(173,413)	(4,243,133)
Parking Garage NOI	\$ 760,618	\$ 775,830	\$ 791,347	\$ 807,174	\$ 823,318	\$ 839,784	\$ 856,580	\$ 873,711	\$ 891,185	\$ 909,009	\$ 927,189	\$ 945,733	\$ 964,648	\$ 983,941	\$ 1,003,819	\$ 1,023,692	\$ 25,048,035
Tax Increment Financing																	
<i>Projected Net Service Payment Amounts</i>																	
Excess Service Payments from Phase II Bonds (Turbo)	\$ 1,745	\$ 2,219	\$ 3,640	\$ 1,166	\$ 2,686	\$ 2,861	\$ 2,121	\$ 126	\$ 1,535,972	\$ 2,397,144	\$ 2,056,009	\$ 1,493,939	\$ 1,502,976	\$ -	\$ -	\$ -	9,030,518
Residential - C1	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	844,902	25,347,056
Commercial - C1	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	67,983	2,039,480
Residential - C3	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	1,401,129	42,033,868
Commercial - C4	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	31,748	952,440
Statutory Service Payment Subtotal	\$ 2,347,506	\$ 2,347,980	\$ 2,349,401	\$ 2,346,928	\$ 2,346,447	\$ 2,348,622	\$ 2,347,882	\$ 2,345,887	\$ 3,881,734	\$ 4,742,905	\$ 4,401,770	\$ 3,839,701	\$ 3,848,737	\$ 2,345,761	\$ 2,345,761	\$ 2,345,761	\$ 79,403,362
Issuer Bond Revenues																	
Phase III Bonds Capitalized Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,462,081
Phase III Bonds Debt Service Reserve Liquidation (Turbo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,607,500
Phase III Bonds DSR Earnings (3.00%)	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	93,493	2,502,687
Bond Revenues Subtotal	\$ 93,493	\$ 1,700,993	\$ -	\$ -	\$ -	8,572,267											
Total Pledged Revenues	\$ 3,201,617	\$ 3,217,304	\$ 3,234,241	\$ 3,247,595	\$ 3,265,258	\$ 3,281,899	\$ 3,297,954	\$ 3,313,091	\$ 4,866,412	\$ 5,745,407	\$ 5,422,452	\$ 6,486,427	\$ 4,813,385	\$ 3,329,702	\$ 3,349,381	\$ 3,369,453	\$ 113,023,665
II. Waterfall for Pledged Revenues																	
(1) To State Brownfield Redevelopment Fund (3 mils, first 25 years)	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ 115,442	\$ -	\$ -	\$ -	\$ -	2,886,038
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	1,085,638
(3) Admin Fees to LBRA (2.5% of Local Capture)	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	36,188	1,085,638
(4) Garage O&M Reserve (5% of annual Operating Expenses)	26,393	26,921	27,460	28,009	28,569	29,140	29,723	30,318	30,924	31,543	32,173	32,817	33,473	34,143	34,826	35,522	850,316
(5) Beginning in 2036 to the Garage Capital Improvement Reserve (\$200 per space)	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	132,400	3,574,800
(6a) Principal and Interest on Phase III Bonds (Turbo)	2,146,500	2,138,100	2,135,200	2,122,500	2,120,000	2,112,100	2,098,800	2,089,800	2,084,500	2,026,400	1,939,100	1,897,400	-	-	-	-	61,436,900
(6b) Issuer Expenses on Phase III Bonds (Turbo)	31,344	29,919	28,400	26,781	25,063	23,231	21,288	19,225	17,031	13,738	9,731	5,738	-	-	-	-	929,769
(7) TIF Administrator Fees	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	-	-	-	-	280,000
(8) Excess to Phase III Debt Service Reserve (until 10% of par)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,607,500
(9) 50% of Excess to the City	333,581	346,073	356,482	370,044	380,704	393,605	408,963	421,766	1,201,870	1,671,755	1,555,615	2,167,848	2,287,568	1,545,392	1,554,890	1,564,578	19,643,533
(10) Excess to Turbo Phase III Bonds	330,000	345,000	355,000	370,000	380,000	390,000	405,000	420,000	1,200,000	1,670,000	1,555,000	-	-	-	-	-	10,470,000
(11) Excess	3,581	1,073	1,482	44	704	3,605	3,963	1,766	1,870	1,755	615	2,167,848	2,287,568	1,545,392	1,554,890	1,564,578	9,173,533
Total Waterfall Deposits	\$ 3,201,617	\$ 3,217,304	\$ 3,234,241	\$ 3,247,595	\$ 3,265,258	\$ 3,281,899	\$ 3,297,954	\$ 3,313,091	\$ 4,866,412	\$ 5,745,407	\$ 5,422,452	\$ 6,486,427	\$ 4,813,385	\$ 3,329,702	\$ 3,349,381	\$ 3,369,453	\$ 113,023,665
III. Debt Coverage Analysis																	
Debt Service Coverage Ratio (Turbo redemptions)	1.30	1.32	1.33	1.34	1.35	1.37	1.38	1.40	2.14	2.63	N/A	N/A	N/A	N/A	N/A	N/A	
Debt Service Coverage Ratio (Mandatory redemptions)	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
IV. Reserve Balances																	
Phase III Debt Service Reserve Balance (Turbo)	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 3,116,428	\$ 1,508,928	\$ 1,508,928	\$ 1,508,928	\$ 1,508,928	



Southside Redevelopment - Ann Arbor

Public Finance Bond Model

Version Dated: Friday, October 6, 2023

Schedule VIII

Phase IV Pledged Revenue Assumptions

For Parcels Located within the City of Ann Arbor

Taxing District	City of Ann Arbor
School District	81010 AAPS
Commercial Effective Millage Rate (Tax Year 2022)	65.716900
AAPS Debt	4.100000
AAPS Operating	18.000000
State ED Tax	6.000000
Washtenaw County Collection Fee	1.000%

Development Revenue & Valuation Assumptions

Residential - D1

Parcel Use	Commercial		
	30-yr 100% TIF		
TIF Terms	Land	Building	
	N/A	223	
Total Units			
Valuation per Unit	\$ 10,500	\$ 105,000	
Total Incremental Market Value	\$ 2,341,500	\$ 23,415,000	
Total Incremental Tax Bill	\$ 153,876	\$ 1,538,761	
AAPS Debt	(9,600)	(96,002)	
Estimated County Auditor Collection Fee (1.00%)	(1,539)	(15,388)	
Estimated Net TIF Service Payments Available	\$ 142,737	\$ 1,427,372	
First TIF Collection Year	2035	2035	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
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Schedule IX
Phase IV Bond Proforma

Year	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	
I. Pledged Revenues																		
Tax Increment Financing																		
<i>Projected Net Service Payment Amounts</i>																		
Excess Service Payments from Phase III Bonds (Turbo)	\$ -	\$ -	\$ -	\$ -	\$ 2,666	\$ 3,243	\$ 4,266	\$ 345	\$ 4,916	\$ 2,206	\$ 2,639	\$ 3,684	\$ 535	\$ 2,368	\$ 988	\$ 4,945	\$ 3,581	\$ 1,073
Residential - D1	-	-	-	-	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	
Statutory Service Payment Subtotal	\$ -	\$ -	\$ -	\$ -	\$ 1,572,775	\$ 1,573,352	\$ 1,574,375	\$ 1,570,454	\$ 1,575,025	\$ 1,572,315	\$ 1,572,749	\$ 1,573,793	\$ 1,570,644	\$ 1,572,478	\$ 1,571,097	\$ 1,575,054	\$ 1,573,691	\$ 1,571,182
Issuer Bond Revenues																		
Phase IV Bonds Capitalized Interest	\$ 1,014,500	\$ 1,014,500	\$ 1,014,395	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase IV Bonds Debt Service Reserve Liquidation (Turbo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phase IV Bonds DSR Earnings (3.00%)	25,275	25,275	25,401	25,528	25,655	33,216	40,669	48,279	50,550	50,550	50,550	50,550	50,550	50,550	50,550	50,550	50,550	
Bond Revenues Subtotal	\$ 1,039,775	\$ 1,039,775	\$ 1,039,796	\$ 25,528	\$ 25,655	\$ 33,216	\$ 40,669	\$ 48,279	\$ 50,550									
Total Pledged Revenues	\$ 1,039,775	\$ 1,039,775	\$ 1,039,796	\$ 1,598,303	\$ 1,599,007	\$ 1,607,590	\$ 1,611,123	\$ 1,623,304	\$ 1,622,865	\$ 1,623,299	\$ 1,624,343	\$ 1,621,194	\$ 1,623,028	\$ 1,621,647	\$ 1,623,604	\$ 1,624,241	\$ 1,621,732	
II. Waterfall for Pledged Revenues																		
(1) To State Brownfield Redevelopment Fund (<i>3 mills, first 25 years</i>)	\$ -	\$ -	\$ -	\$ -	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	
(2) To Local Brownfield Revolving Fund (<i>2.5% of Local Capture</i>)	-	-	-	-	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	
(3) Admin Fees to LBRA (<i>2.5% of Local Capture</i>)	-	-	-	-	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	
(4a) Principal and Interest on Phase IV Bonds (Turbo)	1,011,000	1,011,000	1,011,000	1,186,000	1,190,500	1,194,100	1,201,800	1,203,200	1,195,700	1,192,300	1,182,400	1,171,300	1,164,000	1,155,200	1,149,900	1,137,800	1,129,200	
(4b) Issuer Expenses on Phase IV Bonds (Turbo)	24,563	24,563	24,563	24,563	24,344	24,106	23,850	23,463	22,994	22,506	21,988	21,444	20,875	20,275	19,644	18,975	18,275	
(5) TIF Administrator Fees	-	-	-	-	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	
(6) Excess to Phase IV Debt Service Reserve (until 10% of par)	4,213	4,213	4,234	252,027	248,450	253,671	75,694	-	-	-	-	-	-	-	-	-	-	
(7) 50% of Excess to the City	-	-	-	-	-	-	87,033	130,464	134,229	136,389	142,121	146,368	151,220	155,229	160,174	165,876	169,272	
(8) Excess to Turbo Phase IV Bonds	-	-	-	-	-	-	85,000	130,000	130,000	135,000	140,000	145,000	150,000	155,000	160,000	165,000	165,000	
(9) Excess	-	-	-	-	-	-	2,033	464	4,229	1,389	2,121	1,368	1,220	229	174	876	4,272	
Total Waterfall Deposits	\$ 1,039,775	\$ 1,039,775	\$ 1,039,796	\$ 1,598,303	\$ 1,599,007	\$ 1,607,590	\$ 1,611,123	\$ 1,623,304	\$ 1,622,865	\$ 1,623,299	\$ 1,624,343	\$ 1,621,194	\$ 1,623,028	\$ 1,621,647	\$ 1,623,604	\$ 1,624,241	\$ 1,621,732	
III. Debt Coverage Analysis																		
Debt Service Coverage Ratio (Turbo redemptions)	1.20	1.20	1.20	1.21	1.20	1.21	1.20	1.21	1.20	1.22	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29
Debt Service Coverage Ratio (Mandatory redemptions)	1.20																	
IV. Reserve Balances																		
Phase IV Debt Service Reserve Balance (Turbo)	\$ 842,500	\$ 846,713	\$ 850,925	\$ 855,159	\$ 1,107,185	\$ 1,355,635	\$ 1,609,306	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
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Schedule IX

Phase IV Bond Proforma

Year	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	Total
I. Pledged Revenues																	
Tax Increment Financing																	
Projected Net Service Payment Amounts																	
Excess Service Payments from Phase III Bonds (Turbo)	\$ 1,482	\$ 44	\$ 704	\$ 3,605	\$ 3,963	\$ 1,766	\$ 1,870	\$ 1,755	\$ 615	\$ 2,167,848	\$ 2,287,568	\$ 1,545,392	\$ -	\$ -	\$ -	\$ 6,054,066	
Residential - D1	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	1,570,109	47,103,279	
Statutory Service Payment Subtotal	\$ 1,571,591	\$ 1,570,153	\$ 1,570,814	\$ 1,573,714	\$ 1,574,072	\$ 1,571,875	\$ 1,571,979	\$ 1,571,864	\$ 1,570,724	\$ 3,737,958	\$ 3,857,677	\$ 3,115,501	\$ 1,570,109	\$ 1,570,109	\$ 1,570,109	\$ 53,157,345	
Issuer Bond Revenues																	
Phase IV Bonds Capitalized Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,043,395
Phase IV Bonds Debt Service Reserve Liquidation (Turbo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	842,500
Phase IV Bonds DSR Earnings (3.00%)	50,550	50,550	50,550	50,550	50,550	50,550	50,550	50,550	50,550	50,550	50,550	50,550	-	-	-	-	1,260,298
Bond Revenues Subtotal	\$ 50,550	\$ 893,050	\$ -	\$ -	\$ -	\$ -	5,146,192										
Total Pledged Revenues	\$ 1,622,141	\$ 1,620,703	\$ 1,621,364	\$ 1,624,264	\$ 1,624,622	\$ 1,622,425	\$ 1,622,529	\$ 1,622,414	\$ 1,621,274	\$ 3,788,508	\$ 4,750,727	\$ 3,115,501	\$ 1,570,109	\$ 1,570,109	\$ 1,570,109	\$ 58,303,537	
II. Waterfall for Pledged Revenues																	
(1) To State Brownfield Redevelopment Fund (3 mils, first 25 years)	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ 77,270	\$ -	\$ -	\$ -	\$ -	\$ 1,931,738	
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	726,660
(3) Admin Fees to LBRA (2.5% of Local Capture)	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	24,222	726,660
(4a) Principal and Interest on Phase IV Bonds (Turbo)	1,119,100	1,112,200	1,103,200	1,092,100	1,078,600	1,068,000	1,060,000	1,044,300	1,035,900	1,019,800	945,600	-	-	-	-	-	31,165,200
(4b) Issuer Expenses on Phase IV Bonds (Turbo)	17,544	16,775	15,963	15,106	14,200	13,250	12,250	11,194	10,081	8,913	6,325	-	-	-	-	-	522,588
(5) TIF Administrator Fees	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	-	-	-	-	-	250,000
(6) Excess to Phase IV Debt Service Reserve (until 10% of par)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	842,500
(7) 50% of Excess to the City	174,892	178,007	183,244	190,672	198,054	202,731	207,283	215,603	219,790	1,312,041	1,831,544	1,533,529	760,833	760,833	760,833	760,833	11,069,096
(8) Excess to Turbo Phase IV Bonds	170,000	175,000	180,000	190,000	195,000	200,000	205,000	215,000	215,000	1,310,000	985,000	-	-	-	-	-	5,600,000
(9) Excess	4,892	3,007	3,244	672	3,054	2,731	2,283	603	4,790	2,041	846,544	1,533,529	760,833	760,833	760,833	760,833	5,469,096
Total Waterfall Deposits	\$ 1,622,141	\$ 1,620,703	\$ 1,621,364	\$ 1,624,264	\$ 1,624,622	\$ 1,622,425	\$ 1,622,529	\$ 1,622,414	\$ 1,621,274	\$ 3,788,508	\$ 4,750,727	\$ 3,115,501	\$ 1,570,109	\$ 1,570,109	\$ 1,570,109	\$ 58,303,537	
III. Debt Coverage Analysis																	
Debt Service Coverage Ratio (Turbo redemptions)	1.31	1.31	1.32	1.34	1.36	1.37	1.38	1.40	1.42	3.53	31.67	N/A	N/A	N/A	N/A	N/A	
Debt Service Coverage Ratio (Mandatory redemptions)	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
IV. Reserve Balances																	
Phase IV Debt Service Reserve Balance (Turbo)	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 1,685,000	\$ 842,500	\$ 842,500	\$ 842,500	\$ 842,500	\$ 842,500	\$ 842,500	

Southside Redevelopment - Ann Arbor
Public Finance Bond Model

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Schedule X

Mandatory Redemption for Phase I Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Issuer Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Liquidation of Reserve	Semiannual Debt Service	Outstanding Balance
06/01/24										\$ 37,385,000.00
12/01/24	\$ -	6.0000%	\$ 1,121,550.00	\$ 1,121,550.00	\$ 23,365.63	\$ 1,750.00	\$ (1,123,300.00)	\$ -	\$ 23,365.63	\$ 37,385,000.00
12/01/25	-	6.0000%	2,243,100.00	2,243,100.00	46,731.25	3,500.00	(2,246,600.00)	-	46,731.25	37,385,000.00
12/01/26	-	6.0000%	2,243,100.00	2,243,100.00	46,731.25	3,500.00	(1,636,178.01)	-	657,153.24	37,385,000.00
12/01/27	-	6.0000%	2,243,100.00	2,243,100.00	46,731.25	3,500.00	(505,894.38)	-	1,787,436.87	37,385,000.00
12/01/28	385,000.00	6.0000%	2,243,100.00	2,628,100.00	46,731.25	3,500.00	-	-	2,678,331.25	37,000,000.00
12/01/29	435,000.00	6.0000%	2,220,000.00	2,655,000.00	46,250.00	3,500.00	-	-	2,704,750.00	36,565,000.00
12/01/30	335,000.00	6.0000%	2,193,900.00	2,528,900.00	45,706.25	3,500.00	-	-	2,578,106.25	36,230,000.00
12/01/31	385,000.00	6.0000%	2,173,800.00	2,558,800.00	45,287.50	3,500.00	-	-	2,607,587.50	35,845,000.00
12/01/32	425,000.00	6.0000%	2,150,700.00	2,575,700.00	44,806.25	3,500.00	-	-	2,624,006.25	35,420,000.00
12/01/33	465,000.00	6.0000%	2,125,200.00	2,590,200.00	44,275.00	3,500.00	-	-	2,637,975.00	34,955,000.00
12/01/34	510,000.00	6.0000%	2,097,300.00	2,607,300.00	43,693.75	3,500.00	-	-	2,654,493.75	34,445,000.00
12/01/35	555,000.00	6.0000%	2,066,700.00	2,621,700.00	43,056.25	3,500.00	-	-	2,668,256.25	33,890,000.00
12/01/36	600,000.00	6.0000%	2,033,400.00	2,633,400.00	42,362.50	3,500.00	-	-	2,679,262.50	33,290,000.00
12/01/37	655,000.00	6.0000%	1,997,400.00	2,652,400.00	41,612.50	3,500.00	-	-	2,697,512.50	32,635,000.00
12/01/38	710,000.00	6.0000%	1,958,100.00	2,668,100.00	40,793.75	3,500.00	-	-	2,712,393.75	31,925,000.00
12/01/39	770,000.00	6.0000%	1,915,500.00	2,685,500.00	39,906.25	3,500.00	-	-	2,728,906.25	31,155,000.00
12/01/40	830,000.00	6.0000%	1,869,300.00	2,699,300.00	38,943.75	3,500.00	-	-	2,741,743.75	30,325,000.00
12/01/41	900,000.00	6.0000%	1,819,500.00	2,719,500.00	37,906.25	3,500.00	-	-	2,760,906.25	29,425,000.00
12/01/42	970,000.00	6.0000%	1,765,500.00	2,735,500.00	36,781.25	3,500.00	-	-	2,775,781.25	28,455,000.00
12/01/43	1,050,000.00	6.0000%	1,707,300.00	2,757,300.00	35,568.75	3,500.00	-	-	2,796,368.75	27,405,000.00
12/01/44	1,130,000.00	6.0000%	1,644,300.00	2,774,300.00	34,256.25	3,500.00	-	-	2,812,056.25	26,275,000.00
12/01/45	1,215,000.00	6.0000%	1,576,500.00	2,791,500.00	32,843.75	3,500.00	-	-	2,827,843.75	25,060,000.00
12/01/46	1,310,000.00	6.0000%	1,503,600.00	2,813,600.00	31,325.00	3,500.00	-	-	2,848,425.00	23,750,000.00
12/01/47	1,400,000.00	6.0000%	1,425,000.00	2,825,000.00	29,687.50	3,500.00	-	-	2,858,187.50	22,350,000.00
12/01/48	1,505,000.00	6.0000%	1,341,000.00	2,846,000.00	27,937.50	3,500.00	-	-	2,877,437.50	20,845,000.00
12/01/49	1,615,000.00	6.0000%	1,250,700.00	2,865,700.00	26,056.25	3,500.00	-	-	2,895,256.25	19,230,000.00
12/01/50	1,730,000.00	6.0000%	1,153,800.00	2,883,800.00	24,037.50	3,500.00	-	-	2,911,337.50	17,500,000.00
12/01/51	1,860,000.00	6.0000%	1,050,000.00	2,910,000.00	21,875.00	3,500.00	-	-	2,935,375.00	15,640,000.00
12/01/52	2,050,000.00	6.0000%	938,400.00	2,988,400.00	19,550.00	3,500.00	-	-	3,011,450.00	13,590,000.00
12/01/53	2,245,000.00	6.0000%	815,400.00	3,060,400.00	16,987.50	3,500.00	-	-	3,080,887.50	11,345,000.00
12/01/54	2,400,000.00	6.0000%	680,700.00	3,080,700.00	14,181.25	3,500.00	-	-	3,098,381.25	8,945,000.00
12/01/55	2,570,000.00	6.0000%	536,700.00	3,106,700.00	11,181.25	3,500.00	-	-	3,121,381.25	6,375,000.00
12/01/56	2,750,000.00	6.0000%	382,500.00	3,132,500.00	7,968.75	3,500.00	-	-	3,143,968.75	3,625,000.00
12/01/57	3,625,000.00	6.0000%	217,500.00	3,842,500.00	4,531.25	3,500.00	-	(1,869,250.00)	1,981,281.25	-
	\$ 37,385,000.00		\$ 54,703,650.00	\$ 92,088,650.00	\$ 1,139,659.38	\$ 117,250.00	\$ (5,511,972.39)	\$ (1,869,250.00)	\$ 85,964,336.98	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
Version Dated: Friday, October 6, 2023

Schedule XI
Mandatory Redemption for Phase II Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Port Admin Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Liquidation of Reserve	Semiannual Debt Service	Outstanding Balance
06/01/27										\$ 30,675,000.00
12/01/27	\$ -	6.0000%	\$ 920,250.00	\$ 920,250.00	\$ 19,171.88	\$ 1,750.00	\$ (922,000.00)	\$ -	\$ 19,171.88	\$ 30,675,000.00
12/01/28	-	6.0000%	1,840,500.00	1,840,500.00	38,343.75	3,500.00	(1,627,566.46)	-	254,777.29	30,675,000.00
12/01/29	-	6.0000%	1,840,500.00	1,840,500.00	38,343.75	3,500.00	(1,402,379.71)	-	479,964.04	30,675,000.00
12/01/30	-	6.0000%	1,840,500.00	1,840,500.00	38,343.75	3,500.00	(532,905.51)	-	1,349,438.24	30,675,000.00
12/01/31	360,000.00	6.0000%	1,840,500.00	2,200,500.00	38,343.75	3,500.00	-	-	2,242,343.75	30,315,000.00
12/01/32	400,000.00	6.0000%	1,818,900.00	2,218,900.00	37,893.75	3,500.00	-	-	2,260,293.75	29,915,000.00
12/01/33	310,000.00	6.0000%	1,794,900.00	2,104,900.00	37,393.75	3,500.00	-	-	2,145,793.75	29,605,000.00
12/01/34	350,000.00	6.0000%	1,776,300.00	2,126,300.00	37,006.25	3,500.00	-	-	2,166,806.25	29,255,000.00
12/01/35	385,000.00	6.0000%	1,755,300.00	2,140,300.00	36,568.75	3,500.00	-	-	2,180,368.75	28,870,000.00
12/01/36	425,000.00	6.0000%	1,732,200.00	2,157,200.00	36,087.50	3,500.00	-	-	2,196,787.50	28,445,000.00
12/01/37	455,000.00	6.0000%	1,706,700.00	2,161,700.00	35,556.25	3,500.00	-	-	2,200,756.25	27,990,000.00
12/01/38	495,000.00	6.0000%	1,679,400.00	2,174,400.00	34,987.50	3,500.00	-	-	2,212,887.50	27,495,000.00
12/01/39	535,000.00	6.0000%	1,649,700.00	2,184,700.00	34,368.75	3,500.00	-	-	2,222,568.75	26,960,000.00
12/01/40	580,000.00	6.0000%	1,617,600.00	2,197,600.00	33,700.00	3,500.00	-	-	2,234,800.00	26,380,000.00
12/01/41	625,000.00	6.0000%	1,582,800.00	2,207,800.00	32,975.00	3,500.00	-	-	2,244,275.00	25,755,000.00
12/01/42	675,000.00	6.0000%	1,545,300.00	2,220,300.00	32,193.75	3,500.00	-	-	2,255,993.75	25,080,000.00
12/01/43	725,000.00	6.0000%	1,504,800.00	2,229,800.00	31,350.00	3,500.00	-	-	2,264,650.00	24,355,000.00
12/01/44	780,000.00	6.0000%	1,461,300.00	2,241,300.00	30,443.75	3,500.00	-	-	2,275,243.75	23,575,000.00
12/01/45	840,000.00	6.0000%	1,414,500.00	2,254,500.00	29,468.75	3,500.00	-	-	2,287,468.75	22,735,000.00
12/01/46	905,000.00	6.0000%	1,364,100.00	2,269,100.00	28,418.75	3,500.00	-	-	2,301,018.75	21,830,000.00
12/01/47	970,000.00	6.0000%	1,309,800.00	2,279,800.00	27,287.50	3,500.00	-	-	2,310,587.50	20,860,000.00
12/01/48	1,045,000.00	6.0000%	1,251,600.00	2,296,600.00	26,075.00	3,500.00	-	-	2,326,175.00	19,815,000.00
12/01/49	1,120,000.00	6.0000%	1,188,900.00	2,308,900.00	24,768.75	3,500.00	-	-	2,337,168.75	18,695,000.00
12/01/50	1,200,000.00	6.0000%	1,121,700.00	2,321,700.00	23,368.75	3,500.00	-	-	2,348,568.75	17,495,000.00
12/01/51	1,290,000.00	6.0000%	1,049,700.00	2,339,700.00	21,868.75	3,500.00	-	-	2,365,068.75	16,205,000.00
12/01/52	1,380,000.00	6.0000%	972,300.00	2,352,300.00	20,256.25	3,500.00	-	-	2,376,056.25	14,825,000.00
12/01/53	1,475,000.00	6.0000%	889,500.00	2,364,500.00	18,531.25	3,500.00	-	-	2,386,531.25	13,350,000.00
12/01/54	1,580,000.00	6.0000%	801,000.00	2,381,000.00	16,687.50	3,500.00	-	-	2,401,187.50	11,770,000.00
12/01/55	1,785,000.00	6.0000%	706,200.00	2,491,200.00	14,712.50	3,500.00	-	-	2,509,412.50	9,985,000.00
12/01/56	1,905,000.00	6.0000%	599,100.00	2,504,100.00	12,481.25	3,500.00	-	-	2,520,081.25	8,080,000.00
12/01/57	2,040,000.00	6.0000%	484,800.00	2,524,800.00	10,100.00	3,500.00	-	-	2,538,400.00	6,040,000.00
12/01/58	2,180,000.00	6.0000%	362,400.00	2,542,400.00	7,550.00	3,500.00	-	-	2,553,450.00	3,860,000.00
12/01/59	3,860,000.00	6.0000%	231,600.00	4,091,600.00	4,825.00	3,500.00	-	(1,533,750.00)	2,566,175.00	-
	\$ 30,675,000.00		\$ 43,654,650.00	\$ 74,329,650.00	\$ 909,471.88	\$ 113,750.00	\$ (4,484,851.68)	\$ (1,533,750.00)	\$ 69,334,270.19	

Southside Redevelopment - Ann Arbor
Public Finance Bond Model
Version Dated: Friday, October 6, 2023



Schedule XII

Mandatory Redemption for Phase III Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Port Admin Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Liquidation of Reserve	Semiannual Debt Service	Outstanding Balance
12/01/29										\$ 32,150,000.00
12/01/30	\$ -	6.0000%	\$ 1,929,000.00	\$ 1,929,000.00	\$ 40,187.50	\$ 3,500.00	\$ (1,479,829.17)	\$ -	\$ 492,858.33	\$ 32,150,000.00
12/01/31	-	6.0000%	1,929,000.00	1,929,000.00	40,187.50	3,500.00	(1,496,797.55)	-	475,889.95	32,150,000.00
12/01/32	-	6.0000%	1,929,000.00	1,929,000.00	40,187.50	3,500.00	(1,485,454.05)	-	487,233.45	32,150,000.00
12/01/33	320,000.00	6.0000%	1,929,000.00	2,249,000.00	40,187.50	3,500.00	-	-	2,292,687.50	31,830,000.00
12/01/34	355,000.00	6.0000%	1,909,800.00	2,264,800.00	39,787.50	3,500.00	-	-	2,308,087.50	31,475,000.00
12/01/35	390,000.00	6.0000%	1,888,500.00	2,278,500.00	39,343.75	3,500.00	-	-	2,321,343.75	31,085,000.00
12/01/36	330,000.00	6.0000%	1,865,100.00	2,195,100.00	38,856.25	3,500.00	-	-	2,237,456.25	30,755,000.00
12/01/37	365,000.00	6.0000%	1,845,300.00	2,210,300.00	38,443.75	3,500.00	-	-	2,252,243.75	30,390,000.00
12/01/38	400,000.00	6.0000%	1,823,400.00	2,223,400.00	37,987.50	3,500.00	-	-	2,264,887.50	29,990,000.00
12/01/39	435,000.00	6.0000%	1,799,400.00	2,234,400.00	37,487.50	3,500.00	-	-	2,275,387.50	29,555,000.00
12/01/40	475,000.00	6.0000%	1,773,300.00	2,248,300.00	36,943.75	3,500.00	-	-	2,288,743.75	29,080,000.00
12/01/41	510,000.00	6.0000%	1,744,800.00	2,254,800.00	36,350.00	3,500.00	-	-	2,294,650.00	28,570,000.00
12/01/42	550,000.00	6.0000%	1,714,200.00	2,264,200.00	35,712.50	3,500.00	-	-	2,303,412.50	28,020,000.00
12/01/43	600,000.00	6.0000%	1,681,200.00	2,281,200.00	35,025.00	3,500.00	-	-	2,319,725.00	27,420,000.00
12/01/44	645,000.00	6.0000%	1,645,200.00	2,290,200.00	34,275.00	3,500.00	-	-	2,327,975.00	26,775,000.00
12/01/45	700,000.00	6.0000%	1,606,500.00	2,306,500.00	33,468.75	3,500.00	-	-	2,343,468.75	26,075,000.00
12/01/46	750,000.00	6.0000%	1,564,500.00	2,314,500.00	32,593.75	3,500.00	-	-	2,350,593.75	25,325,000.00
12/01/47	810,000.00	6.0000%	1,519,500.00	2,329,500.00	31,656.25	3,500.00	-	-	2,364,656.25	24,515,000.00
12/01/48	870,000.00	6.0000%	1,470,900.00	2,340,900.00	30,643.75	3,500.00	-	-	2,375,043.75	23,645,000.00
12/01/49	940,000.00	6.0000%	1,418,700.00	2,358,700.00	29,556.25	3,500.00	-	-	2,391,756.25	22,705,000.00
12/01/50	1,005,000.00	6.0000%	1,362,300.00	2,367,300.00	28,381.25	3,500.00	-	-	2,399,181.25	21,700,000.00
12/01/51	1,085,000.00	6.0000%	1,302,000.00	2,387,000.00	27,125.00	3,500.00	-	-	2,417,625.00	20,615,000.00
12/01/52	1,165,000.00	6.0000%	1,236,900.00	2,401,900.00	25,768.75	3,500.00	-	-	2,431,168.75	19,450,000.00
12/01/53	1,245,000.00	6.0000%	1,167,000.00	2,412,000.00	24,312.50	3,500.00	-	-	2,439,812.50	18,205,000.00
12/01/54	1,335,000.00	6.0000%	1,092,300.00	2,427,300.00	22,756.25	3,500.00	-	-	2,453,556.25	16,870,000.00
12/01/55	1,435,000.00	6.0000%	1,012,200.00	2,447,200.00	21,087.50	3,500.00	-	-	2,471,787.50	15,435,000.00
12/01/56	1,535,000.00	6.0000%	926,100.00	2,461,100.00	19,293.75	3,500.00	-	-	2,483,893.75	13,900,000.00
12/01/57	1,640,000.00	6.0000%	834,000.00	2,474,000.00	17,375.00	3,500.00	-	-	2,494,875.00	12,260,000.00
12/01/58	1,855,000.00	6.0000%	735,600.00	2,590,600.00	15,325.00	3,500.00	-	-	2,609,425.00	10,405,000.00
12/01/59	1,985,000.00	6.0000%	624,300.00	2,609,300.00	13,006.25	3,500.00	-	-	2,625,806.25	8,420,000.00
12/01/60	2,120,000.00	6.0000%	505,200.00	2,625,200.00	10,525.00	3,500.00	-	-	2,639,225.00	6,300,000.00
12/01/61	2,270,000.00	6.0000%	378,000.00	2,648,000.00	7,875.00	3,500.00	-	-	2,659,375.00	4,030,000.00
12/01/62	4,030,000.00	6.0000%	241,800.00	4,271,800.00	5,037.50	3,500.00	-	(1,607,500.00)	2,672,837.50	-
	\$ 32,150,000.00		\$ 46,404,000.00	\$ 78,554,000.00	\$ 966,750.00	\$ 115,500.00	\$ (4,462,080.77)	\$ (1,607,500.00)	\$ 73,566,669.23	

Southside Redevelopment - Ann Arbor
Public Finance Bond Model
Version Dated: Friday, October 6, 2023



Schedule XIII

Mandatory Redemption for Phase IV Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Port Admin Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Liquidation of Reserve	Semiannual Debt Service	Outstanding Balance
12/01/31										\$ 16,850,000.00
12/01/32	\$ -	6.0000%	\$ 1,011,000.00	\$ 1,011,000.00	\$ 21,062.50	\$ 3,500.00	\$ (1,014,500.00)	\$ -	\$ 21,062.50	\$ 16,850,000.00
12/01/33	-	6.0000%	1,011,000.00	1,011,000.00	21,062.50	3,500.00	(1,014,500.00)	-	21,062.50	16,850,000.00
12/01/34	-	6.0000%	1,011,000.00	1,011,000.00	21,062.50	3,500.00	(1,014,394.69)	-	21,167.81	16,850,000.00
12/01/35	175,000.00	6.0000%	1,011,000.00	1,186,000.00	21,062.50	3,500.00	-	-	1,210,562.50	16,675,000.00
12/01/36	190,000.00	6.0000%	1,000,500.00	1,190,500.00	20,843.75	3,500.00	-	-	1,214,843.75	16,485,000.00
12/01/37	205,000.00	6.0000%	989,100.00	1,194,100.00	20,606.25	3,500.00	-	-	1,218,206.25	16,280,000.00
12/01/38	225,000.00	6.0000%	976,800.00	1,201,800.00	20,350.00	3,500.00	-	-	1,225,650.00	16,055,000.00
12/01/39	245,000.00	6.0000%	963,300.00	1,208,300.00	20,068.75	3,500.00	-	-	1,231,868.75	15,810,000.00
12/01/40	260,000.00	6.0000%	948,600.00	1,208,600.00	19,762.50	3,500.00	-	-	1,231,862.50	15,550,000.00
12/01/41	280,000.00	6.0000%	933,000.00	1,213,000.00	19,437.50	3,500.00	-	-	1,235,937.50	15,270,000.00
12/01/42	295,000.00	6.0000%	916,200.00	1,211,200.00	19,087.50	3,500.00	-	-	1,233,787.50	14,975,000.00
12/01/43	310,000.00	6.0000%	898,500.00	1,208,500.00	18,718.75	3,500.00	-	-	1,230,718.75	14,665,000.00
12/01/44	330,000.00	6.0000%	879,900.00	1,209,900.00	18,331.25	3,500.00	-	-	1,231,731.25	14,335,000.00
12/01/45	350,000.00	6.0000%	860,100.00	1,210,100.00	17,918.75	3,500.00	-	-	1,231,518.75	13,985,000.00
12/01/46	375,000.00	6.0000%	839,100.00	1,214,100.00	17,481.25	3,500.00	-	-	1,235,081.25	13,610,000.00
12/01/47	395,000.00	6.0000%	816,600.00	1,211,600.00	17,012.50	3,500.00	-	-	1,232,112.50	13,215,000.00
12/01/48	420,000.00	6.0000%	792,900.00	1,212,900.00	16,518.75	3,500.00	-	-	1,232,918.75	12,795,000.00
12/01/49	445,000.00	6.0000%	767,700.00	1,212,700.00	15,993.75	3,500.00	-	-	1,232,193.75	12,350,000.00
12/01/50	475,000.00	6.0000%	741,000.00	1,216,000.00	15,437.50	3,500.00	-	-	1,234,937.50	11,875,000.00
12/01/51	505,000.00	6.0000%	712,500.00	1,217,500.00	14,843.75	3,500.00	-	-	1,235,843.75	11,370,000.00
12/01/52	535,000.00	6.0000%	682,200.00	1,217,200.00	14,212.50	3,500.00	-	-	1,234,912.50	10,835,000.00
12/01/53	565,000.00	6.0000%	650,100.00	1,215,100.00	13,543.75	3,500.00	-	-	1,232,143.75	10,270,000.00
12/01/54	600,000.00	6.0000%	616,200.00	1,216,200.00	12,837.50	3,500.00	-	-	1,232,537.50	9,670,000.00
12/01/55	640,000.00	6.0000%	580,200.00	1,220,200.00	12,087.50	3,500.00	-	-	1,235,787.50	9,030,000.00
12/01/56	675,000.00	6.0000%	541,800.00	1,216,800.00	11,287.50	3,500.00	-	-	1,231,587.50	8,355,000.00
12/01/57	720,000.00	6.0000%	501,300.00	1,221,300.00	10,443.75	3,500.00	-	-	1,235,243.75	7,635,000.00
12/01/58	760,000.00	6.0000%	458,100.00	1,218,100.00	9,543.75	3,500.00	-	-	1,231,143.75	6,875,000.00
12/01/59	810,000.00	6.0000%	412,500.00	1,222,500.00	8,593.75	3,500.00	-	-	1,234,593.75	6,065,000.00
12/01/60	925,000.00	6.0000%	363,900.00	1,288,900.00	7,581.25	3,500.00	-	-	1,299,981.25	5,140,000.00
12/01/61	980,000.00	6.0000%	308,400.00	1,288,400.00	6,425.00	3,500.00	-	-	1,298,325.00	4,160,000.00
12/01/62	1,040,000.00	6.0000%	249,600.00	1,289,600.00	5,200.00	3,500.00	-	-	1,298,300.00	3,120,000.00
12/01/63	1,105,000.00	6.0000%	187,200.00	1,292,200.00	3,900.00	3,500.00	-	-	1,299,600.00	2,015,000.00
12/01/64	2,015,000.00	6.0000%	120,900.00	2,135,900.00	2,518.75	3,500.00	-	(842,500.00)	1,299,418.75	-
	\$ 16,850,000.00		\$ 23,752,200.00	\$ 40,602,200.00	\$ 494,837.50	\$ 115,500.00	\$ (3,043,394.69)	\$ (842,500.00)	\$ 37,326,642.81	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model

Version Dated: Friday, October 6, 2023

Appendix A

Turbo Redemption for Phase I Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Issuer Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Semiannual Debt Service	Liquidation of Reserve	Additional Principal Retired (Turbo Sinker)	Outstanding Balance
06/01/24											\$ 37,385,000.00
12/01/24	\$ -	6.0000% \$ 1,121,550.00	\$ 1,121,550.00	\$ 23,365.63	\$ 1,750.00	\$ (1,123,300.00)	\$ 23,365.63	\$ -	\$ -		\$ 37,385,000.00
12/01/25	-	6.0000% 2,243,100.00	2,243,100.00	46,731.25	3,500.00	(2,246,600.00)	46,731.25	-	-		37,385,000.00
12/01/26	-	6.0000% 2,243,100.00	2,243,100.00	46,731.25	3,500.00	(1,636,178.01)	657,153.24	-	-		37,385,000.00
12/01/27	-	6.0000% 2,243,100.00	2,243,100.00	46,731.25	3,500.00	(505,894.38)	1,787,436.87	-	-		37,385,000.00
12/01/28	385,000.00	6.0000% 2,243,100.00	2,628,100.00	46,731.25	3,500.00	-	2,678,331.25	-	-		37,000,000.00
12/01/29	435,000.00	6.0000% 2,220,000.00	2,655,000.00	46,250.00	3,500.00	-	2,704,750.00	-	-		36,565,000.00
12/01/30	335,000.00	6.0000% 2,193,900.00	2,528,900.00	45,706.25	3,500.00	-	2,578,106.25	-	120,000.00		36,110,000.00
12/01/31	385,000.00	6.0000% 2,166,600.00	2,551,600.00	45,137.50	3,500.00	-	2,600,237.50	-	260,000.00		35,465,000.00
12/01/32	425,000.00	6.0000% 2,127,900.00	2,552,900.00	44,331.25	3,500.00	-	2,600,731.25	-	275,000.00		34,765,000.00
12/01/33	465,000.00	6.0000% 2,085,900.00	2,550,900.00	43,456.25	3,500.00	-	2,597,856.25	-	285,000.00		34,015,000.00
12/01/34	510,000.00	6.0000% 2,040,900.00	2,550,900.00	42,518.75	3,500.00	-	2,596,918.75	-	295,000.00		33,210,000.00
12/01/35	555,000.00	6.0000% 1,992,600.00	2,547,600.00	41,512.50	3,500.00	-	2,592,612.50	-	305,000.00		32,350,000.00
12/01/36	600,000.00	6.0000% 1,941,000.00	2,541,000.00	40,437.50	3,500.00	-	2,584,937.50	-	315,000.00		31,435,000.00
12/01/37	655,000.00	6.0000% 1,886,100.00	2,541,100.00	39,293.75	3,500.00	-	2,583,893.75	-	325,000.00		30,455,000.00
12/01/38	710,000.00	6.0000% 1,827,300.00	2,537,300.00	38,068.75	3,500.00	-	2,578,868.75	-	335,000.00		29,410,000.00
12/01/39	770,000.00	6.0000% 1,764,600.00	2,534,600.00	36,762.50	3,500.00	-	2,574,862.50	-	350,000.00		28,290,000.00
12/01/40	830,000.00	6.0000% 1,697,400.00	2,527,400.00	35,362.50	3,500.00	-	2,566,262.50	-	360,000.00		27,100,000.00
12/01/41	900,000.00	6.0000% 1,626,000.00	2,526,000.00	33,875.00	3,500.00	-	2,563,375.00	-	375,000.00		25,825,000.00
12/01/42	970,000.00	6.0000% 1,549,500.00	2,519,500.00	32,281.25	3,500.00	-	2,555,281.25	-	385,000.00		24,470,000.00
12/01/43	1,050,000.00	6.0000% 1,468,200.00	2,518,200.00	30,587.50	3,500.00	-	2,552,287.50	-	400,000.00		23,020,000.00
12/01/44	1,130,000.00	6.0000% 1,381,200.00	2,511,200.00	28,775.00	3,500.00	-	2,543,475.00	-	415,000.00		21,475,000.00
12/01/45	1,215,000.00	6.0000% 1,288,500.00	2,503,500.00	26,843.75	3,500.00	-	2,533,843.75	-	430,000.00		19,830,000.00
12/01/46	1,310,000.00	6.0000% 1,189,800.00	2,499,800.00	24,787.50	3,500.00	-	2,528,087.50	-	440,000.00		18,080,000.00
12/01/47	1,400,000.00	6.0000% 1,084,800.00	2,484,800.00	22,600.00	3,500.00	-	2,510,900.00	-	460,000.00		16,220,000.00
12/01/48	1,505,000.00	6.0000% 973,200.00	2,478,200.00	20,275.00	3,500.00	-	2,501,975.00	-	475,000.00		14,240,000.00
12/01/49	1,615,000.00	6.0000% 854,400.00	2,469,400.00	17,800.00	3,500.00	-	2,490,700.00	-	495,000.00		12,130,000.00
12/01/50	1,730,000.00	6.0000% 727,800.00	2,457,800.00	15,162.50	3,500.00	-	2,476,462.50	-	515,000.00		9,885,000.00
12/01/51	1,860,000.00	6.0000% 593,100.00	2,453,100.00	12,356.25	3,500.00	-	2,468,956.25	-	530,000.00		7,495,000.00
12/01/52	2,050,000.00	6.0000% 449,700.00	2,499,700.00	9,368.75	3,500.00	-	2,512,568.75	-	555,000.00		4,890,000.00
12/01/53	2,245,000.00	6.0000% 293,400.00	2,538,400.00	6,112.50	3,500.00	-	2,548,012.50	-	580,000.00		2,065,000.00
12/01/54	2,065,000.00	6.0000% 123,900.00	2,188,900.00	2,581.25	3,500.00	-	2,194,981.25	(1,869,250.00)	-	-	
12/01/55	-	6.0000% -	-	-	-	-	-	-	-	-	
12/01/56	-	6.0000% -	-	-	-	-	-	-	-	-	
	\$ 28,105,000.00	\$ 47,641,650.00	\$ 75,746,650.00	\$ 992,534.38	\$ 106,750.00	\$ (5,511,972.39)	\$ 71,333,961.98	\$ (1,869,250.00)	\$ 9,280,000.00		



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
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Appendix B
Turbo Redemption for Phase II Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Port Admin Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Semiannual Debt Service	Liquidation of Reserve	Additional Principal Retired (Turbo Sinker)	Outstanding Balance
06/01/27											\$ 30,675,000.00
12/01/27	\$ -	6.0000%	\$ 920,250.00	\$ 920,250.00	\$ 19,171.88	\$ 1,750.00	\$ (922,000.00)	\$ 19,171.88	\$ -	\$ -	\$ 30,675,000.00
12/01/28	-	6.0000%	1,840,500.00	1,840,500.00	38,343.75	3,500.00	(1,627,566.46)	254,777.29	-	-	30,675,000.00
12/01/29	-	6.0000%	1,840,500.00	1,840,500.00	38,343.75	3,500.00	(1,402,379.71)	479,964.04	-	-	30,675,000.00
12/01/30	-	6.0000%	1,840,500.00	1,840,500.00	38,343.75	3,500.00	(532,905.51)	1,349,438.24	-	-	30,675,000.00
12/01/31	360,000.00	6.0000%	1,840,500.00	2,200,500.00	38,343.75	3,500.00	-	2,242,343.75	-	-	30,315,000.00
12/01/32	400,000.00	6.0000%	1,818,900.00	2,218,900.00	37,893.75	3,500.00	-	2,260,293.75	-	-	29,915,000.00
12/01/33	310,000.00	6.0000%	1,794,900.00	2,104,900.00	37,393.75	3,500.00	-	2,145,793.75	-	125,000.00	29,480,000.00
12/01/34	350,000.00	6.0000%	1,768,800.00	2,118,800.00	36,850.00	3,500.00	-	2,159,150.00	-	225,000.00	28,905,000.00
12/01/35	385,000.00	6.0000%	1,734,300.00	2,119,300.00	36,131.25	3,500.00	-	2,158,931.25	-	230,000.00	28,290,000.00
12/01/36	425,000.00	6.0000%	1,697,400.00	2,122,400.00	35,362.50	3,500.00	-	2,161,262.50	-	240,000.00	27,625,000.00
12/01/37	455,000.00	6.0000%	1,657,500.00	2,112,500.00	34,531.25	3,500.00	-	2,150,531.25	-	250,000.00	26,920,000.00
12/01/38	495,000.00	6.0000%	1,615,200.00	2,110,200.00	33,650.00	3,500.00	-	2,147,350.00	-	260,000.00	26,165,000.00
12/01/39	535,000.00	6.0000%	1,569,900.00	2,104,900.00	32,706.25	3,500.00	-	2,141,106.25	-	265,000.00	25,365,000.00
12/01/40	580,000.00	6.0000%	1,521,900.00	2,101,900.00	31,706.25	3,500.00	-	2,137,106.25	-	275,000.00	24,510,000.00
12/01/41	625,000.00	6.0000%	1,470,600.00	2,095,600.00	30,637.50	3,500.00	-	2,129,737.50	-	285,000.00	23,600,000.00
12/01/42	675,000.00	6.0000%	1,416,000.00	2,091,000.00	29,500.00	3,500.00	-	2,124,000.00	-	295,000.00	22,630,000.00
12/01/43	725,000.00	6.0000%	1,357,800.00	2,082,800.00	28,287.50	3,500.00	-	2,114,587.50	-	305,000.00	21,600,000.00
12/01/44	780,000.00	6.0000%	1,296,000.00	2,076,000.00	27,000.00	3,500.00	-	2,106,500.00	-	315,000.00	20,505,000.00
12/01/45	840,000.00	6.0000%	1,230,300.00	2,070,300.00	25,631.25	3,500.00	-	2,099,431.25	-	325,000.00	19,340,000.00
12/01/46	905,000.00	6.0000%	1,160,400.00	2,065,400.00	24,175.00	3,500.00	-	2,093,075.00	-	335,000.00	18,100,000.00
12/01/47	970,000.00	6.0000%	1,086,000.00	2,056,000.00	22,625.00	3,500.00	-	2,082,125.00	-	350,000.00	16,780,000.00
12/01/48	1,045,000.00	6.0000%	1,006,800.00	2,051,800.00	20,975.00	3,500.00	-	2,076,275.00	-	360,000.00	15,375,000.00
12/01/49	1,120,000.00	6.0000%	922,500.00	2,042,500.00	19,218.75	3,500.00	-	2,065,218.75	-	370,000.00	13,885,000.00
12/01/50	1,200,000.00	6.0000%	833,100.00	2,033,100.00	17,356.25	3,500.00	-	2,053,956.25	-	385,000.00	12,300,000.00
12/01/51	1,290,000.00	6.0000%	738,000.00	2,028,000.00	15,375.00	3,500.00	-	2,046,875.00	-	395,000.00	10,615,000.00
12/01/52	1,380,000.00	6.0000%	636,900.00	2,016,900.00	13,268.75	3,500.00	-	2,033,668.75	-	410,000.00	8,825,000.00
12/01/53	1,475,000.00	6.0000%	529,500.00	2,004,500.00	11,031.25	3,500.00	-	2,019,031.25	-	425,000.00	6,925,000.00
12/01/54	1,580,000.00	6.0000%	415,500.00	1,995,500.00	8,656.25	3,500.00	-	2,007,656.25	-	1,760,000.00	3,585,000.00
12/01/55	1,785,000.00	6.0000%	215,100.00	2,000,100.00	4,481.25	3,500.00	-	2,008,081.25	(1,533,750.00)	650,000.00	-
12/01/56	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/57	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/58	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/59	-	6.0000%	-	-	-	-	-	-	-	-	-
	\$ 20,690,000.00		\$ 37,775,550.00	\$ 58,465,550.00	\$ 786,990.63	\$ 99,750.00	\$ (4,484,851.68)	\$ 54,867,438.94	\$ (1,533,750.00)	\$ 8,835,000.00	



Southside Redevelopment - Ann Arbor
Public Finance Bond Model
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Appendix C
Turbo Redemption for Phase III Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Port Admin Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Semiannual Debt Service	Liquidation of Reserve	Additional Principal Retired (Turbo Sinker)	Outstanding Balance
12/01/29											\$ 32,150,000.00
12/01/30	\$ -	6.0000%	\$ 1,929,000.00	\$ 1,929,000.00	\$ 40,187.50	\$ 3,500.00	\$ (1,479,829.17)	\$ 492,858.33	\$ -	\$ -	\$ 32,150,000.00
12/01/31	-	6.0000%	1,929,000.00	1,929,000.00	40,187.50	3,500.00	(1,496,797.55)	475,889.95	-	-	32,150,000.00
12/01/32	-	6.0000%	1,929,000.00	1,929,000.00	40,187.50	3,500.00	(1,485,454.05)	487,233.45	-	-	32,150,000.00
12/01/33	320,000.00	6.0000%	1,929,000.00	2,249,000.00	40,187.50	3,500.00	-	2,292,687.50	-	-	31,830,000.00
12/01/34	355,000.00	6.0000%	1,909,800.00	2,264,800.00	39,787.50	3,500.00	-	2,308,087.50	-	-	31,475,000.00
12/01/35	390,000.00	6.0000%	1,888,500.00	2,278,500.00	39,343.75	3,500.00	-	2,321,343.75	-	60,000.00	31,025,000.00
12/01/36	330,000.00	6.0000%	1,861,500.00	2,191,500.00	38,781.25	3,500.00	-	2,233,781.25	-	230,000.00	30,465,000.00
12/01/37	365,000.00	6.0000%	1,827,900.00	2,192,900.00	38,081.25	3,500.00	-	2,234,481.25	-	235,000.00	29,865,000.00
12/01/38	400,000.00	6.0000%	1,791,900.00	2,191,900.00	37,331.25	3,500.00	-	2,232,731.25	-	245,000.00	29,220,000.00
12/01/39	435,000.00	6.0000%	1,753,200.00	2,188,200.00	36,525.00	3,500.00	-	2,228,225.00	-	250,000.00	28,535,000.00
12/01/40	475,000.00	6.0000%	1,712,100.00	2,187,100.00	35,668.75	3,500.00	-	2,226,268.75	-	260,000.00	27,800,000.00
12/01/41	510,000.00	6.0000%	1,668,000.00	2,178,000.00	34,750.00	3,500.00	-	2,216,250.00	-	270,000.00	27,020,000.00
12/01/42	550,000.00	6.0000%	1,621,200.00	2,171,200.00	33,775.00	3,500.00	-	2,208,475.00	-	280,000.00	26,190,000.00
12/01/43	600,000.00	6.0000%	1,571,400.00	2,171,400.00	32,737.50	3,500.00	-	2,207,637.50	-	290,000.00	25,300,000.00
12/01/44	645,000.00	6.0000%	1,518,000.00	2,163,000.00	31,625.00	3,500.00	-	2,198,125.00	-	300,000.00	24,355,000.00
12/01/45	700,000.00	6.0000%	1,461,300.00	2,161,300.00	30,443.75	3,500.00	-	2,195,243.75	-	310,000.00	23,345,000.00
12/01/46	750,000.00	6.0000%	1,400,700.00	2,150,700.00	29,181.25	3,500.00	-	2,183,381.25	-	320,000.00	22,275,000.00
12/01/47	810,000.00	6.0000%	1,336,500.00	2,146,500.00	27,843.75	3,500.00	-	2,177,843.75	-	330,000.00	21,135,000.00
12/01/48	870,000.00	6.0000%	1,268,100.00	2,138,100.00	26,418.75	3,500.00	-	2,168,018.75	-	345,000.00	19,920,000.00
12/01/49	940,000.00	6.0000%	1,195,200.00	2,135,200.00	24,900.00	3,500.00	-	2,163,600.00	-	355,000.00	18,625,000.00
12/01/50	1,005,000.00	6.0000%	1,117,500.00	2,122,500.00	23,281.25	3,500.00	-	2,149,281.25	-	370,000.00	17,250,000.00
12/01/51	1,085,000.00	6.0000%	1,035,000.00	2,120,000.00	21,562.50	3,500.00	-	2,145,062.50	-	380,000.00	15,785,000.00
12/01/52	1,165,000.00	6.0000%	947,100.00	2,112,100.00	19,731.25	3,500.00	-	2,135,331.25	-	390,000.00	14,230,000.00
12/01/53	1,245,000.00	6.0000%	853,800.00	2,098,800.00	17,787.50	3,500.00	-	2,120,087.50	-	405,000.00	12,580,000.00
12/01/54	1,335,000.00	6.0000%	754,800.00	2,089,800.00	15,725.00	3,500.00	-	2,109,025.00	-	420,000.00	10,825,000.00
12/01/55	1,435,000.00	6.0000%	649,500.00	2,084,500.00	13,531.25	3,500.00	-	2,101,531.25	-	1,200,000.00	8,190,000.00
12/01/56	1,535,000.00	6.0000%	491,400.00	2,026,400.00	10,237.50	3,500.00	-	2,040,137.50	-	1,670,000.00	4,985,000.00
12/01/57	1,640,000.00	6.0000%	299,100.00	1,939,100.00	6,231.25	3,500.00	-	1,948,831.25	-	1,555,000.00	1,790,000.00
12/01/58	1,790,000.00	6.0000%	107,400.00	1,897,400.00	2,237.50	3,500.00	-	1,903,137.50	(1,607,500.00)	-	-
12/01/59	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/60	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/61	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/62	-	6.0000%	-	-	-	-	-	-	-	-	-
	\$ 21,680,000.00		\$ 39,756,900.00	\$ 61,436,900.00	\$ 828,268.75	\$ 101,500.00	\$ (4,462,080.77)	\$ 57,904,587.98	\$ (1,607,500.00)	\$ 10,470,000.00	



Southside Redevelopment - Ann Arbor
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Appendix D
Turbo Redemption for Phase IV Bonds

Bondholder Payment Date	Principal	Coupon	Interest 6.000%	P+I	Port Admin Fee 0.125%	Trustee Fee \$3,500	Capitalized Interest and Fees	Semiannual Debt Service	Liquidation of Reserve	Additional Principal Retired (Turbo Sinker)	Outstanding Balance
12/01/31											\$ 16,850,000.00
12/01/32	\$ -	6.0000%	\$ 1,011,000.00	\$ 1,011,000.00	\$ 21,062.50	\$ 3,500.00	\$ (1,014,500.00)	\$ 21,062.50	\$ -	\$ -	\$ 16,850,000.00
12/01/33	-	6.0000%	1,011,000.00	1,011,000.00	21,062.50	3,500.00	(1,014,500.00)	21,062.50	-	-	16,850,000.00
12/01/34	-	6.0000%	1,011,000.00	1,011,000.00	21,062.50	3,500.00	(1,014,394.69)	21,167.81	-	-	16,850,000.00
12/01/35	175,000.00	6.0000%	1,011,000.00	1,186,000.00	21,062.50	3,500.00	-	1,210,562.50	-	-	16,675,000.00
12/01/36	190,000.00	6.0000%	1,000,500.00	1,190,500.00	20,843.75	3,500.00	-	1,214,843.75	-	-	16,485,000.00
12/01/37	205,000.00	6.0000%	989,100.00	1,194,100.00	20,606.25	3,500.00	-	1,218,206.25	-	-	16,280,000.00
12/01/38	225,000.00	6.0000%	976,800.00	1,201,800.00	20,350.00	3,500.00	-	1,225,650.00	-	85,000.00	15,970,000.00
12/01/39	245,000.00	6.0000%	958,200.00	1,203,200.00	19,962.50	3,500.00	-	1,226,662.50	-	130,000.00	15,595,000.00
12/01/40	260,000.00	6.0000%	935,700.00	1,195,700.00	19,493.75	3,500.00	-	1,218,693.75	-	130,000.00	15,205,000.00
12/01/41	280,000.00	6.0000%	912,300.00	1,192,300.00	19,006.25	3,500.00	-	1,214,806.25	-	135,000.00	14,790,000.00
12/01/42	295,000.00	6.0000%	887,400.00	1,182,400.00	18,487.50	3,500.00	-	1,204,387.50	-	140,000.00	14,355,000.00
12/01/43	310,000.00	6.0000%	861,300.00	1,171,300.00	17,943.75	3,500.00	-	1,192,743.75	-	145,000.00	13,900,000.00
12/01/44	330,000.00	6.0000%	834,000.00	1,164,000.00	17,375.00	3,500.00	-	1,184,875.00	-	150,000.00	13,420,000.00
12/01/45	350,000.00	6.0000%	805,200.00	1,155,200.00	16,775.00	3,500.00	-	1,175,475.00	-	155,000.00	12,915,000.00
12/01/46	375,000.00	6.0000%	774,900.00	1,149,900.00	16,143.75	3,500.00	-	1,169,543.75	-	160,000.00	12,380,000.00
12/01/47	395,000.00	6.0000%	742,800.00	1,137,800.00	15,475.00	3,500.00	-	1,156,775.00	-	165,000.00	11,820,000.00
12/01/48	420,000.00	6.0000%	709,200.00	1,129,200.00	14,775.00	3,500.00	-	1,147,475.00	-	165,000.00	11,235,000.00
12/01/49	445,000.00	6.0000%	674,100.00	1,119,100.00	14,043.75	3,500.00	-	1,136,643.75	-	170,000.00	10,620,000.00
12/01/50	475,000.00	6.0000%	637,200.00	1,112,200.00	13,275.00	3,500.00	-	1,128,975.00	-	175,000.00	9,970,000.00
12/01/51	505,000.00	6.0000%	598,200.00	1,103,200.00	12,462.50	3,500.00	-	1,119,162.50	-	180,000.00	9,285,000.00
12/01/52	535,000.00	6.0000%	557,100.00	1,092,100.00	11,606.25	3,500.00	-	1,107,206.25	-	190,000.00	8,560,000.00
12/01/53	565,000.00	6.0000%	513,600.00	1,078,600.00	10,700.00	3,500.00	-	1,092,800.00	-	195,000.00	7,800,000.00
12/01/54	600,000.00	6.0000%	468,000.00	1,068,000.00	9,750.00	3,500.00	-	1,081,250.00	-	200,000.00	7,000,000.00
12/01/55	640,000.00	6.0000%	420,000.00	1,060,000.00	8,750.00	3,500.00	-	1,072,250.00	-	205,000.00	6,155,000.00
12/01/56	675,000.00	6.0000%	369,300.00	1,044,300.00	7,693.75	3,500.00	-	1,055,493.75	-	215,000.00	5,265,000.00
12/01/57	720,000.00	6.0000%	315,900.00	1,035,900.00	6,581.25	3,500.00	-	1,045,981.25	-	215,000.00	4,330,000.00
12/01/58	760,000.00	6.0000%	259,800.00	1,019,800.00	5,412.50	3,500.00	-	1,028,712.50	-	1,310,000.00	2,260,000.00
12/01/59	810,000.00	6.0000%	135,600.00	945,600.00	2,825.00	3,500.00	-	951,925.00	(842,500.00)	985,000.00	-
12/01/60	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/61	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/62	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/63	-	6.0000%	-	-	-	-	-	-	-	-	-
12/01/64	-	6.0000%	-	-	-	-	-	-	-	-	-
	\$ 10,785,000.00		\$ 20,380,200.00	\$ 31,165,200.00	\$ 424,587.50	\$ 98,000.00	\$ (3,043,394.69)	\$ 28,644,392.81	\$ (842,500.00)	\$ 5,600,000.00	

Southside Redevelopment
Ann Arbor, MI

Property Comparables - Auditor Values

TAX COMPARABLES

Commercial

Parcel Number	Name	Address	Year Built	Acres	Land Value	Value/Acre	Square Feet	Building Value	Value/SF
L-12-07-120-001	Texas Roadhouse	3133 Ann Arbor-Saline Road	2015	1.221	\$ 650,800	\$ 533,006	7,397	\$ 547,234	\$ 74
L-12-07-120-002	Starbucks	3141 Ann Arbor-Saline Road	2015	0.410	179,800	438,537	2,013	137,871	68
09-08-25-103-010	Smoothie King	2625 Jackson Avenue	2020	0.548	360,400	657,664	5,040	289,340	57
Avg Value/Acre \$ 546,581					Avg Value/SF \$ 67				

Multi-Family Apartments

Parcel Number	Name	Address	Year Built	Acres	Land Value	Value/Acre	Square Feet	Units	Taxable Value	Value/SF	Value/Unit
09-09-32-110-017	Hoover and Greene	950 Greene Street	2020	1.633	\$ 1,120,000	\$ 685,854	140,670	167	\$ 18,409,000	\$ 131	\$ 110,234
09-09-29-431-013	The Yard	615 S. Main Street	2015	2.059	6,525,600	3,169,305	186,029	217	21,978,752	118	101,285
09-09-29-107-006	The Varsity	425 E. Washington Street	2012	0.576	3,763,200	6,533,333	189,221	181	17,755,557	94	98,097
09-09-29-106-082	The Foundry Lofts	413 E. Huron Street	2016	0.735	4,376,200	5,954,014	268,612	204	35,831,000	133	175,642
09-12-04-403-010	The George	2502 Packard Street	2016	6.567	2,870,000	437,034	315,108	249	21,786,986	69	87,498
09-09-21-302-120	Bekman on Broadway	1200 Broadway Street	2019	3.120	679,600	217,821	253,641	254	23,170,400	91	91,222
09-09-22-200-003	The Courtyards Apartments	1756 Broadway Street	2008	5.42	2,597,000	479,151	358,683	320	39,382,600	110	123,071
Avg Value/Acre \$ 1,090,582					Avg Value/SF \$ 104					\$ 105,000	

Hotels

Parcel Number	Name	Address	Year Built	Acres	Land Value	Value/Acre	Square Feet	Keys	Building Value	Value/SF	Value/Key
09-12-09-200-084	Hyatt Place	3223 S. State Street	2015	2.479	\$ 1,689,000	\$ 681,323	87,252	142	\$ 5,739,600	\$ 66	\$ 40,420
09-12-04-200-037	Homewood Suites	2457 S. State Street	2021	1.983	852,000	429,652	85,490	107	3,627,173	42	33,899
09-12-08-200-008	Hilton Garden Inn	1401 Briarwood Circle	2012	3.700	924,400	249,838	82,748	130	4,969,200	60	38,225
09-12-09-301-015	Staybridge Suites	3850 Research Park Drive	2015	3.471	245,600	70,758	100,136	130	4,738,625	47	36,451
Avg Value/Acre \$ 319,006					Avg Value/SF \$ 54					\$ 37,475	

Condo Units

Parcel Number	Name	Address	Year Built	Acres	Land Value	Value/Acre	Square Feet	Building Value	Value/SF
09-09-29-411-058	Yeh Baiyau & Huang Pei Yao	111 Ashley Mews	2002	N/A	\$ 235,000	N/A	1,358	\$ 83,000	\$ 61
09-09-29-111-017	Widra Howard Revoc Trust	322 E. Liberty Street	2006	N/A	217,000	N/A	1,069	82,400	77
Avg Value/Acre N/A					Avg Value/SF \$ 68				

APPENDIX 3

Year	2024	2025	2026	2027	2028	2029	2030	2031	2032
I. Pledged Revenues									
B2 Parking Garage									
Apartment Leases-24 Hour		\$ 686,675	\$ 700,408	\$ 714,416	\$ 728,705	\$ 743,279	\$ 758,144	\$ 773,307	
Transient (Hourly)		\$ 280,774	\$ 286,389	\$ 292,117	\$ 297,959	\$ 303,918	\$ 309,997	\$ 316,197	
Office Parking		\$ 400,192	\$ 408,196	\$ 416,360	\$ 424,687	\$ 433,181	\$ 441,844	\$ 450,681	
Vacancy (10%)		(\$136,764)	(\$139,499)	(\$142,289)	(\$145,135)	(\$148,038)	(\$150,999)	(\$154,018)	
Facility Operation Costs		(\$351,858)	(\$358,895)	(\$366,073)	(\$373,395)	(\$380,862)	(\$388,480)	(\$396,249)	
Parking Operation Costs		(\$123,088)	(\$125,550)	(\$128,061)	(\$130,622)	(\$133,234)	(\$135,899)	(\$138,617)	
Parking Garage NOI		\$ 755,930	\$ 771,049	\$ 786,470	\$ 802,199	\$ 818,243	\$ 834,608	\$ 851,300	
Tax Increment Financing									
Residential - B1			\$ 1,253,272	\$ 1,278,337	\$ 1,303,904	\$ 1,329,982	\$ 1,356,582	\$ 1,383,714	
Commercial - B1			\$ 217,937	\$ 222,296	\$ 226,742	\$ 231,276	\$ 235,902	\$ 240,620	
Residential - B3				\$ 1,056,127	\$ 1,077,250	\$ 1,098,795	\$ 1,120,770	\$ 1,143,186	
Commercial - B3				\$ 93,959	\$ 95,838	\$ 97,755	\$ 99,710	\$ 101,704	
Statutory Service Payment Subtotal		\$ -	\$ 1,471,209	\$ 2,650,719	\$ 2,703,734	\$ 2,757,808	\$ 2,812,964	\$ 2,869,224	
Issuer Bond Reserves									
Phase I Bonds Capitalized Interest	\$ 834,250	\$ 1,668,500	\$ 1,668,500	\$ 1,668,500	\$ 1,668,500				
Phase I Bonds Debt Service Reserve Liquidation (Mandatory)									
Phase I Bonds DSR Earnings (3.00%)	\$ 23,888	\$ 47,775	\$ 49,208	\$ 50,684	\$ 52,205	\$ 53,771	\$ 55,384	\$ 57,046	\$ 58,757
Bond Revenues Subtotal	\$ 858,138	\$ 1,716,275	\$ 1,717,708	\$ 1,719,184	\$ 52,205	\$ 53,771	\$ 55,384	\$ 57,046	\$ 58,757
Total Pledged Revenues	\$ 858,138	\$ 1,716,275	\$ 2,473,638	\$ 3,961,442	\$ 3,489,394	\$ 3,559,704	\$ 3,631,436	\$ 3,704,618	\$ 3,779,281
II. Waterfall for Pledged Revenues									
(1) To State Brownfield Redevelopment Fund (3 mills, first 25 years)					\$ 72,402	\$ 129,001	\$ 129,001	\$ 129,001	\$ 129,001
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)					\$ 22,696	\$ 40,439	\$ 40,439	\$ 40,439	\$ 40,439
(3) Admin Fees LBRA (2.5% of Local Capture)					\$ 22,696	\$ 40,439	\$ 40,439	\$ 40,439	\$ 40,439
(4) Garage O&M Reserve (5% of annual OpEx)				\$ 23,747	\$ 24,222	\$ 24,707	\$ 25,201	\$ 25,705	\$ 26,219
(5) Beginning in 2030 to Garage Capital Improvement Reserve (\$200/space)								\$ 184,000	\$ 184,000
(6a) Principal and Interest on Phase I Bonds (Mandatory)	\$ 834,250	\$ 1,668,500	\$ 1,668,500	\$ 1,668,500	\$ 2,348,250	\$ 2,348,250	\$ 2,348,250	\$ 2,348,250	\$ 2,348,250
(7) TIF Administrator Fees				\$ 0	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
(8) Excess to Phase I Debt Service Reserve (until 10% of par)	\$ 23,888	\$ 47,775	\$ 781,391	\$ 988,083					
Total Waterfall Deposits	\$ 858,138	\$ 1,716,275	\$ 2,473,638	\$ 2,808,600	\$ 2,592,835	\$ 2,593,329	\$ 2,777,833	\$ 2,778,347	\$ 2,778,872
III. Debt Coverage Analysis									
Debt Service Coverage Ratio (Mandatory redemptions)					CAPI Period		1.38	1.41	1.36
IV. Reserve Balances							1.39	1.42	

Year	2051	2052	2053	Total
I. Pledged Revenues				
B2 Parking Garage				
Apartment Leases-24 Hour	\$ 1,126,562	\$ 1,149,094	\$ 1,172,076	\$ 25,442,124
Transient (Hourly)	\$ 460,639	\$ 469,852	\$ 479,249	\$ 10,403,000
Office Parking	\$ 656,557	\$ 669,688	\$ 683,082	\$ 14,827,597
Vacancy (10%)	(\$224,376)	(\$228,863)	(\$233,441)	\$ (5,067,272)
Facility Operation Costs	\$ (577,260)	\$ (588,806)	\$ (600,582)	\$ (13,036,765)
Parking Operation Costs	<u>\$ (201,939)</u>	<u>\$ (205,978)</u>	<u>\$ (210,097)</u>	<u>\$ (4,560,559)</u>
Parking Garage NOI	\$ 1,240,183	\$ 1,264,987	\$ 1,290,287	\$ 28,008,124
Tax Increment Financing				
Residential - B1	\$ 2,015,809	\$ 2,056,126	\$ 2,097,248	\$ 44,296,051
Commercial - B1	\$ 350,538	\$ 357,549	\$ 364,700	\$ 7,702,836
Residential - B3	\$ 1,665,406	\$ 1,698,714	\$ 1,732,688	\$ 35,560,753
Commercial - B3	<u>\$ 148,164</u>	<u>\$ 151,127</u>	<u>\$ 154,150</u>	<u>\$ 3,163,685</u>
Statutory Service Payment Subtotal	\$ 4,179,917	\$ 4,263,515	\$ 4,348,786	\$ 90,723,325
Issuer Bond Reserves				
Phase I Bonds Capitalized Interest				\$ 5,839,750
Phase I Bonds Debt Service Reserve Liquidation (Mandatory)			\$ 1,592,500	\$ 1,592,500
Phase I Bonds DSR Earnings (3.00%)	\$ 103,031	\$ 106,122	\$ 109,306	\$ 2,184,218
Bond Revenues Subtotal	\$ 103,031	\$ 106,122	\$ 1,701,806	\$ 9,616,468
Total Pledged Revenues	\$ 5,523,132	\$ 5,634,625	\$ 7,340,878	\$ 128,347,917
II. Waterfall for Pledged Revenues				
(1) To State Brownfield Redevelopment Fund (3 mills, first 25 years)	\$129,001	\$56,599	\$	3,225,032
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	\$40,439	\$40,439	\$40,439	\$ 1,074,099
(3) Admin Fees to LBRA (2.5% of Local Capture)	\$40,439	\$40,439	\$40,439	\$ 1,074,099
(4) Garage O&M Reserve (5% of annual OpEx)	\$38,960	\$39,739	\$40,534	\$ 879,866
(5) Beginning in 2030 to Garage Capital Improvement Reserve (\$200/space)	\$184,000	\$184,000	\$184,000	\$ 4,416,000
(6a) Principal and Interest on Phase I Bonds (Mandatory)	\$2,348,250	\$2,348,250	\$2,348,250	\$ 66,894,250
(7) TIF Administrator Fees	\$10,000	\$10,000	\$10,000	\$ 270,000
(8) Excess to Phase I Debt Service Reserve (until 10% of par)				\$ 1,841,137
Total Waterfall Deposits	\$2,791,088	\$2,719,465	\$2,663,661	\$ 79,674,483
III. Debt Coverage Analysis				
Debt Service Coverage Ratio (Mandatory redemptions)	2.16	2.24	7.11	
IV. Reserve Balances				

Year	2027	2028	2029	2030	2031	2032	2033	2034	2035
I. Pledged Revenues									
A2 Parking Garage									
Apartment Leases-24 Hour	\$ 34,543	\$ 69,086	\$ 70,468	\$ 71,877	\$ 73,315	\$ 74,781	\$ 76,277	\$ 77,802	
Transient (Hourly)	\$ 194,873	\$ 389,746	\$ 397,541	\$ 405,492	\$ 413,602	\$ 421,874	\$ 430,312	\$ 438,918	
Hotel - 24 hour	\$ 220,369	\$ 440,738	\$ 449,552	\$ 458,543	\$ 467,714	\$ 477,068	\$ 486,610	\$ 496,342	
Office Parking	\$ 67,177	\$ 134,354	\$ 137,041	\$ 139,782	\$ 142,578	\$ 145,429	\$ 148,338	\$ 151,305	
Vacancy	\$ (51,696)	\$ (103,392)	\$ (105,460)	\$ (107,569)	\$ (109,721)	\$ (111,915)	\$ (114,154)	\$ (116,437)	
Facility Operation Costs	\$ (162,235)	\$ (324,470)	\$ (330,959)	\$ (337,579)	\$ (344,330)	\$ (351,217)	\$ (358,241)	\$ (365,406)	
Parking Operation Costs	\$ (47,461)	\$ (94,922)	\$ (96,820)	\$ (98,757)	\$ (100,732)	\$ (102,747)	\$ (104,802)	\$ (106,898)	
Parking Garage NOI	\$ 255,570	\$ 511,140	\$ 521,363	\$ 531,790	\$ 542,426	\$ 553,274	\$ 564,340	\$ 575,626	
Tax Increment Financing									
Hotel - A1			\$ 219,455	\$ 438,909	\$ 447,687	\$ 456,641	\$ 465,774	\$ 475,089	
Residential - A3			\$ 306,277	\$ 612,554	\$ 624,805	\$ 637,301	\$ 650,047	\$ 663,048	
Commercial - A3			\$ 114,153	\$ 228,306	\$ 232,872	\$ 237,530	\$ 242,280	\$ 247,126	
Condo Residential - A3			\$ 488,350	\$ 976,699	\$ 996,233	\$ 1,016,158	\$ 1,036,481	\$ 1,057,210	
Commercial - A4			\$ 13,656	\$ 27,311	\$ 27,857	\$ 28,414	\$ 28,983	\$ 29,562	
Commercial - A5			\$ 13,656	\$ 27,311	\$ 27,857	\$ 28,414	\$ 28,983	\$ 29,562	
Statutory Service Payment Subtotal			\$ 1,155,545	\$ 2,311,090	\$ 2,357,312	\$ 2,404,458	\$ 2,452,547	\$ 2,501,598	
Issuer Bond Reserves									
Phase II Bonds Capitalized Interest	\$ 794,250	\$ 1,588,500	\$ 1,588,500	\$ 1,588,500					
Phase II Bonds Debt Service Reserve Liquidation (Mandatory)									
Phase II Bonds DSR Earnings (3.00%)	\$ 23,006	\$ 46,013	\$ 47,393	\$ 48,815	\$ 50,279	\$ 51,787	\$ 53,341	\$ 54,941	\$ 56,590
Bond Revenues Subtotal	\$ 945,006	\$ 1,673,579	\$ 1,448,507	\$ 580,562	\$ 50,279	\$ 51,787	\$ 53,341	\$ 54,941	\$ 56,590
Total Pledged Revenues	\$ 945,006	\$ 1,929,149	\$ 1,959,647	\$ 2,257,470	\$ 2,893,159	\$ 2,951,525	\$ 3,011,073	\$ 3,071,828	\$ 3,133,814
II. Waterfall for Pledged Revenues									
(1) To State Brownfield Redevelopment Fund (3 mills, first 25 years)					\$ 55,877	\$ 111,754	\$ 111,754	\$ 111,754	\$ 111,754
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)					\$ 17,516	\$ 35,032	\$ 35,032	\$ 35,032	\$ 35,032
(3) Admin Fees to LBRA (2.5% of Local Capture)					\$ 17,516	\$ 35,032	\$ 35,032	\$ 35,032	\$ 35,032
(4) Garage O&M Reserve (5% of annual OpEx)					\$ 21,389	\$ 21,817	\$ 22,253	\$ 22,698	\$ 23,152
(5) Beginning in 2033 to Garage Capital Improvement Reserve (\$200/space)								\$ 156,800	\$ 156,800
(6a) Principal and Interest on Phase I Bonds (Mandatory)	\$ 794,250	\$ 1,588,500	\$ 1,588,500	\$ 1,588,500	\$ 2,236,500	\$ 2,236,500	\$ 2,236,500	\$ 2,236,500	\$ 2,236,500
(7) TIF Administrator Fees					\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
(8) Excess to Phase II Debt Service Reserve (until 10% of par)	\$ 150,756	\$ 340,649	\$ 371,147	\$ 546,671	\$ 443,023	\$ 111,559			
Total Waterfall Deposits	\$ 945,006	\$ 1,929,149	\$ 1,959,647	\$ 2,257,470	\$ 2,893,159	\$ 2,562,131	\$ 2,607,817	\$ 2,608,271	\$ 2,608,734
III. Debt Coverage Analysis									
Debt Service Coverage Ratio (Mandatory redemptions)					CAPI Period				
IV. Reserve Balances						1.20	1.22	1.18	1.21

Year	2054	2055	2056	Total
I. Pledged Revenues				
A2 Parking Garage				
Apartment Leases-24 Hour	\$ 113,343	\$ 115,610	\$ 117,922	\$ 2,594,269
Transient (Hourly)	\$ 639,420	\$ 652,209	\$ 665,253	\$ 14,635,451
Hotel - 24 hour	\$ 723,077	\$ 737,538	\$ 752,289	\$ 16,550,227
Office Parking	\$ 220,422	\$ 224,831	\$ 229,327	\$ 5,045,161
Vacancy	\$ (169,626)	\$ (173,019)	\$ (176,479)	\$ (3,882,511)
Facility Operation Costs	\$ (532,327)	\$ (542,974)	\$ (553,833)	\$ (12,184,241)
Parking Operation Costs	\$ (155,730)	\$ (158,844)	\$ (162,021)	\$ (3,564,436)
Parking Garage NOI	\$ 838,579	\$ 855,351	\$ 872,458	\$ 19,193,920
Tax Increment Financing				
Hotel - A1	\$ 692,115	\$ 705,958	\$ 720,077	\$ 14,997,918
Residential - A3	\$ 965,936	\$ 985,255	\$ 1,004,960	\$ 20,931,525
Commercial - A3	\$ 360,016	\$ 367,216	\$ 374,560	\$ 7,801,423
Condo Residential - A3	\$ 1,540,156	\$ 1,570,959	\$ 1,602,378	\$ 33,374,689
Commercial - A4	\$ 43,067	\$ 43,928	\$ 44,807	\$ 933,242
Commercial - A5	\$ 43,067	\$ 43,928	\$ 44,807	\$ 933,242
Statutory Service Payment Subtotal	\$ 3,644,356	\$ 3,717,243	\$ 3,791,588	\$ 78,972,038
Issuer Bond Reserves				
Phase II Bonds Capitalized Interest				\$ 5,559,750
Phase II Bonds Debt Service Reserve Liquidation (Mandatory)			\$ 1,533,750	\$ 1,533,750
Phase II Bonds DSR Earnings (3.00%)	\$ 99,230	\$ 102,207	\$ 105,273	\$ 2,103,638
Bond Revenues Subtotal	\$ 99,230	\$ 102,207	\$ 105,273	\$ 9,197,138
Total Pledged Revenues	\$ 4,582,165	\$ 4,674,801	\$ 4,769,319	\$ 107,363,096
II. Waterfall for Pledged Revenues				
(1) To State Brownfield Redevelopment Fund (3 mills, first 25 years)	\$111,754			\$ 2,737,985
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	\$35,032	\$35,032	\$35,032	\$ 928,352
(3) Admin Fees to LBRA (2.5% of Local Capture)	\$35,032	\$35,032	\$35,032	\$ 928,352
(4) Garage O&M Reserve (5% of annual OpEx)	\$34,403	\$35,091	\$35,793	\$ 755,979
(5) Beginning in 2033 to Garage Capital Improvement Reserve (\$200/space)	\$156,800	\$156,800	\$156,800	\$ 3,763,200
(6a) Principal and Interest on Phase I Bonds (Mandatory)	\$2,236,500	\$2,236,500	\$2,236,500	\$ 63,708,750
(7) TIF Administrator Fees	\$10,000	\$10,000	\$10,000	\$ 270,000
(8) Excess to Phase II Debt Service Reserve (until 10% of par)				\$ 1,963,806
Total Waterfall Deposits	\$2,619,522	\$2,508,455	\$2,509,157	\$ 75,056,424
III. Debt Coverage Analysis				
Debt Service Coverage Ratio (Mandatory redemptions)	1.87	1.96	6.32	
IV. Reserve Balances				

Year	2057	2058	2059 Total
I. Pledged Revenues			
C2 Parking Garage			
Apartment Leases-24 Hour	\$ 1,139,915	\$ 1,162,713	\$ 1,185,967
Transient (Hourly)	\$ 411,595	\$ 419,826	\$ 428,223
Office Parking	\$ 193,778	\$ 197,653	\$ 201,607
Vacancy	\$ (174,529)	\$ (178,019)	\$ (181,580)
Facility Operation Costs	\$ (486,403)	\$ (496,131)	\$ (506,054)
Parking Operation Costs	\$ (157,066)	\$ (160,207)	\$ (163,411)
Parking Garage NOI	\$ 927,290	\$ 945,836	\$ 964,752
Tax Increment Financing			\$ 22,039,172
Residential - C1	\$ 1,358,972	\$ 1,386,151	\$ 1,413,874
Commercial - C1	\$ 109,345	\$ 111,532	\$ 113,762
Residential - C3	\$ 2,253,626	\$ 2,298,699	\$ 2,344,673
Commercial - C4	\$ 51,065	\$ 52,086	\$ 53,128
Statutory Service Payment Subtotal	\$ 3,773,008	\$ 3,848,468	\$ 3,925,437
Issuer Bond Reserves			\$ 82,909,301
Phase III Bonds Capitalized Interest			\$ 4,884,750
Phase III Bonds Debt Service Reserve Liquidation (Mandatory)			\$ 1,607,500
Phase III Bonds DSR Earnings (3.00%)	\$ 107,122	\$ 110,335	\$ 113,645
Bond Revenues Subtotal	\$ 107,122	\$ 110,335	\$ 1,721,145
Total Pledged Revenues	\$ 4,807,419	\$ 4,904,639	\$ 6,611,335
			\$ 113,735,047
II. Waterfall for Pledged Revenues			
(1) To State Brownfield Redevelopment Fund (<i>3 mills, first 25 years</i>)	\$115,442		\$ 2,886,038
(2) To Local Brownfield Revolving Fund (<i>2.5% of Local Capture</i>)	\$36,188	\$36,188	\$ 977,074
(3) Admin Fees to LBRA (<i>2.5% of Local Capture</i>)	\$36,188	\$36,188	\$ 977,074
(4) Garage O&M Reserve (<i>5% of annual OpEx</i>)	\$32,173	\$32,817	\$ 33,473
(5) Beginning in 2030 to Garage Capital Improvement Reserve (\$200/space)	\$132,400	\$132,400	\$ 132,400
(6a) Principal and Interest on Phase III Bonds (Mandatory)	\$2,252,250	\$2,252,250	\$ 2,252,250
(7) TIF Administrator Fees	\$10,000	\$10,000	\$ 10,000
(8) Excess to Phase III Debt Service Reserve (until 10% of par)			\$ 1,986,790
Total Waterfall Deposits	\$2,614,641	\$2,499,843	\$ 2,500,499
			\$ 76,735,903
III. Debt Coverage Analysis			
Debt Service Coverage Ratio (Mandatory redemptions)	1.97	2.06	7.28
IV. Reserve Balances			

Year	2059	2060	2061	Total
I. Pledged Revenues				
Tax Increment Financing				
Residential - D1	\$ 2,525,420	\$ 2,575,929	\$ 2,627,447	\$ 55,494,406
Statutory Service Payment Subtotal	\$ 2,525,420	\$ 2,575,929	\$ 2,627,447	\$ 55,494,406
Issuer Bond Reserves				
Phase IV Bonds Capitalized Interest				\$ 2,430,000
Phase IV Bonds Debt Service Reserve Liquidation (Mandatory)			\$ 842,500	\$ 842,500
Phase IV Bonds DSR Earnings (3.00%)	\$ 56,143	\$ 57,827	\$ 59,562	\$ 1,202,469
Bond Revenues Subtotal	\$ 56,143	\$ 57,827	\$ 902,062	\$ 4,474,969
Total Pledged Revenues	\$ 2,581,563	\$ 2,633,756	\$ 3,529,509	\$ 59,969,374
II. Waterfall for Pledged Revenues				
(1) To State Brownfield Redevelopment Fund (3 mills, first 25 years)	\$77,270			\$ 1,931,738
(2) To Local Brownfield Revolving Fund (2.5% of Local Capture)	\$24,222	\$24,222	\$24,222	\$ 653,994
(3) Admin Fees to LBRA (2.5% of Local Capture)	\$24,222	\$24,222	\$24,222	\$ 653,994
(4a) Principal and Interest on Phase IV Bonds (Mandatory)	\$1,119,000	\$1,119,000	\$1,119,000	\$ 32,643,000
(5) TIF Administrator Fees	\$10,000	\$10,000	\$10,000	\$ 270,000
(6) Excess to Phase IV Debt Service Reserve (until 10% of par)				\$ 842,500
Total Waterfall Deposits	\$1,254,713	\$1,177,444	\$1,177,444	\$ 36,995,225
III. Debt Coverage Analysis				
Debt Service Coverage Ratio (Mandatory edemptions)	2.18	2.29	9.21	
IV. Reserve Balances				