

## **IX.** Transformative Vision





Re:	Tax Revenue/Economic Impact	To:	Joe Canfora
	Analysis for the Proposed South		President
	Philadelphia Entertainment &		PHL Local Gaming, LLC
	Recreation District		
Date:	July 23, 2013	From:	Mike Weber
			Andy Struckhoff
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#### Introduction

PGAV Planners was retained to review the South Philadelphia Entertainment and Recreation District Master Plan (the "Master Plan") and develop order of magnitude estimates of the tax revenue generation and annual economic activity generated by each component of the Master Plan in terms of annual visitors, spending, jobs created, and payroll. This memorandum summarizes these estimated impacts. Detailed tables are transmitted herewith and provide the methods of analysis and assumptions.

#### Master Plan Summary and Basis for Assumptions

PGAV Planners was provided with Master Plan drawings and documents prepared by the Philadelphia architecture firm Varenhorst for PHL Local Gaming, LLC, dated April 16, 2013. The Master Plan illustrates a large multi-use commercial entertainment and recreation district to be developed in the area roughly between existing stadiums west of Seventh Street and PHL Gaming's proposed Casino Revolution at the intersection of Front Street and Pattison Avenue. For the purposes of our analysis, we divided uses in the Master Plan into the following five categories:

- commercial recreation;
- entertainment;
- lodging;
- restaurant/bar; and
- retail.

The Master Plan provides for development to occur in four phases: expedited, near-term, mediumterm, and long-term. In total, the Master Plan consists of 28 separate components. All of the analysis presented in the following tables is based on information presented in narrative or graphic form in the Master Plan.



#### Summary of Analysis

Two summary tables are presented in this memorandum. The first is a Tax Revenue Estimate summarizing the Master Plan's impacts by development phase. The table provides the following measures of economic activity that would be created by the development envisioned in the Master Plan: retail sales, hotel revenue, admissions to entertainment and recreation venues, employment, and payroll. The rows in the Tax Revenue Estimate table shaded in gray are key streams of tax revenue that would be created by this economic activity.

		By Proj	ect F	Phase		
	Expedited	Near-Term	٨	Aedium-Term	Long-Term	TOTAL, ALL PHASES
Assessed Value of Improvements	\$ 23,560,000	\$ 94,000,000	\$	53,420,000	\$ 107,080,000	\$ 278,060,000
Annual Property Tax Revenue	\$ 315,704	\$ 1,259,600	\$	715,828	\$ 1,434,872	\$ 3,726,004
Annual Taxable Retail Sales	\$ 36,050,000	\$ 97,450,000	\$	14,450,000	\$ 109,400,000	\$ 257,350,000
Annual Sales Tax Revenue to City	\$ 721,000	\$ 1,949,000	\$	289,000	\$ 2,189,000	\$ 5,148,000
Annual Sales Tax Revenue to State	\$ 2,163,000	\$ 5,847,000	\$	867,000	\$ 6,567,000	\$ 15,444,000
Total Annual Sales Tax Revenue	\$ 2,884,000	\$ 7,796,000	\$	1,156,000	\$ 8,752,000	\$ 20,588,000
Annual Taxable Hotel Revenue		\$ 7,824,688	\$	2,044,000	\$ 11,178,125	\$ 21,046,813
Annual Hotel Tax Revenue		\$ 665,098	\$	173,740	\$ 950,141	\$ 1,788,979
Annual Admissions to Ent./Rec. Venues	\$ 310,000	\$ 3,375,000	\$	37,750,000	\$ 11,915,000	\$ 53,350,000
Annual Amusement Tax Revenue	\$ 15,500	\$ 168,750	\$	1,887,500	\$ 595,750	\$ 2,667,500
Projected employment (FTE)	299	883		251	1,027	2,459
Annual Payroll	\$ 8,748,492	\$ 26,122,897	\$	7,489,063	\$ 30,576,418	\$ 72,936,871
Annual Wage Tax Revenue	\$ 318,145	\$ 949,977	\$	272,345	\$ 1,111,933	\$ 2,652,400
Total Annual Tax Revenue	\$ 3,533,349	\$ 10,839,426	\$	4,205,413	\$ 12,844,695	\$ 31,422,883

Tax Revenue Estimate Summary South Philadelphia Entertainment & Recreation District Master Plan

The development envisioned by the Master Plan would generate more than \$263 million in assessed value, nearly \$260 million in annual retail sales, and well over \$70 million in annual revenue to hotels, entertainment, and recreation venues. This activity would require the employment of more than 2,400 full-time equivalent (FTE) jobs that would provide nearly \$73 million in annual payroll. All of this activity would generate in excess of \$31 million in tax revenue to units of state and local government to support public services.

The second main component of our analysis was to assess the larger economic activity that the Master Plan would spur in the local economy using the Regional Input-Output Modeling System (RIMS II). This model was developed by the US Bureau of Economic Analysis to assess the potential impacts of economic activities on regional economies. This model provides multipliers that illustrate the cumulative effect that an initial input (e.g. hotel revenue) has on key regional economic outputs (e.g. jobs created) in addition to those directly created by the project in question.



As is shown in the Economic Impact Summary table, the development proposed in the Master Plan would create approximately 2,600 construction jobs and more than 6,000 additional permanent jobs. The total economic output that would be induced by the development is estimated to be in excess of \$550 million. This economic impact is above and beyond the direct impact created by components of the Master Plan.

		By Proje	ect	Phase		
	Expedited	Near-Term		Medium-Term	Long-Term	TOTAL, ALL PHASES
CONSTRUCTION						
Capital Investment						\$ 431,950,000
Construction Payroll						\$ 194,377,500
Construction Jobs						2,592
RETAIL						
Total Induced Economic Output	\$ 31,640,400	\$ 84,374,400	\$	-	\$ 94,921,200	\$ 210,936,000
Total Jobs Created (Direct & Indirect)	318	848		0	954	2,121
RESTAURANT & BAR						
Total Induced Economic Output	\$ 21,611,760	\$ 57,631,360	\$	6,780,160	\$ 64,835,280	\$ 150,858,560
Total Jobs Created (Direct & Indirect)	257	684		81	770	1791
LODGING						
Total Induced Economic Output	\$ -	\$ 17,230,604	\$	4,581,881	\$ 24,568,260	\$ 46,380,745
Total Jobs Created (Direct & Indirect)	0	136		36	194	366
ENTERTAINMENT						
Total Induced Economic Output	\$ 244,213	\$ 8,277,405	\$	35,692,640	\$ -	\$ 44,214,258
Total Jobs Created (Direct & Indirect)	3	92		395	0	490
RECREATION						
Total Induced Economic Output	\$ 1,519,245	\$ -	\$	67,177,500	\$ 29,382,405	\$ 98,079,150
Total Jobs Created (Direct & Indirect)	20	0		883	386	1289
TOTAL NON-CONSTRUCTION IMPACTS						
Total Induced Economic Output	\$ 55,015,618	\$ 167,513,769	\$	114,232,181	\$ 213,707,145	\$ 550,468,713
Total Jobs Created (Direct & Indirect)	597	1,760		1,395	2,304	6,057

Economic Impact Summary

South Philadelphia Entertainment & Recreation District Master Plan



#### **Supporting Tables**

Included with this memorandum is a collection of detailed tables that illustrate the consultant's methodology and underlying assumptions. Each detailed table is listed below:

- Table 1 Development Project Concept, by Phase
- Table 2 Project Concept by Use Category
- Table 3 Estimated Property Tax Revenue Projections
- Table 4 Estimated Retail Sales and Sales Tax Revenue Projections
- Table 5 Estimated Hotel Tax Revenue Projections
- Table 6 Estimated Amusement Tax Revenue Projections
- Table 7 Estimated Annual Payroll and Wage Tax Revenue
- Table 8 Economic Impact Analysis-Construction
- Tables 9 through 12 Economic Impact Analysis Retail
- Tables 13 through 16 Economic Impact Analysis Restaurant & Bar
- Tables 17 through 20 Economic Impact Analysis Lodging
- Tables 21 through 24 Economic Impact Analysis Entertainment
- Tables 25 through 28 Economic Impact Analysis Recreation



## Table 1 Development Project Concept, by Phase South Philadelphia Entertainment & Recreation District Master Plan

Phase	Component	Use Category	Size	Unit	Notes
Expedited	Swimming Pool	Commercial Recreation	1	Facility	Includes F & B concessions
Expedited	Retail Food & Beverage	Retail	102,000	Sq. Ft.	Retail portion of 4 "retail F & B" structures on Pattison Ave. west of pool
Expedited	Retail Food & Beverage	Restaurant/Bar	25,500	Sq. Ft.	Restaurant/bar portion of 4 "retail F & B" structures on Pattison Ave. west of pool
Expedited	Tailgate Park	Entertainment	1	Facility	South side of Pattison with frontage on I-95. Includes bleachers and F & B concessions.
Near-Term	East Hotel	Lodging	175	Rooms	High-rise hotel east of Front Street
Near-Term	Cinema	Entertainment	142,000	Sq. Ft.	15-screen cinema
Near-Term	Retail Food & Beverage	Retail	272,000	Sq. Ft.	Retail portion of 12 "retail F & B" structures on south side of Pattison Ave.
Near-Term	Retail Food & Beverage	Restaurant/Bar	68,000	Sq. Ft.	Restaurant/bar portion of 12 "retail F & B" structures on south side of Pattison Ave.
Medium-Term	6,000-Seat Entertainment Theater	Entertainment	1	Facility	6,000-seat theater, music museum, dining theater, night club w/ F & B on 6.38 ac.
Medium-Term	Soundscene Black Box Theater/Dining	Entertainment	1	Facility	Part of theater complex
Medium-Term	Soundscene Music Museum	Entertainment	1	Facility	Part of theater complex (5,000 sq. ft.)
Medium-Term	Soundscene Nightclub	Restaurant/Bar	8,000	Sq. Ft.	Part of theater complex
Medium-Term	Circus	Entertainment	1	Facility	Includes F & B concessions. On 1.95 ac.
Medium-Term	Water-Park	Commercial Recreation	1	Facility	Includes 3 restaurants. On 8.03 ac.
Medium-Term	Ski Resort	Commercial Recreation	1	Facility	Includes 50-room lodge, F & B, with pro shop retail on 8.84 ac.
Medium-Term	Lodge for Ski Resort	Lodging	50	Rooms	Part of 8.8-acre ski lodge
Medium-Term	Climbing Park	Commercial Recreation	1	Facility	Includes F & B concessions, pro shop retail
Long-Term	Hotel	Lodging	250	Rooms	High-rise hotel on Pattison Ave. west of Lawrence St.
Long-Term	Retail Food & Beverage	Retail	306,000	Sq. Ft.	Retail portion of approx. 10 "F & B retail" buildings on north side of Pattison
Long-Term	Retail Food & Beverage	Restaurant/Bar	76,500	Sq. Ft.	Restaurant portion of approx. 10 "F & B retail" buildings on north side of Pattison
Long-Term	Skating Rink (Ice)	Commercial Recreation	1	Facility	Includes restaurant/bar. On 1.91 acres.
Long-Term	Roller Rink	Commercial Recreation	1	Facility	includes restaurant/bar. On 1.91 acres.
Long-Term	Racquet Sports Center	Commercial Recreation	1	Facility	Tennis, squash, raquetball, & badmitton courts with club facilities, concessions and pro shop retail. "Center Court" tennis venue. 3.44 ac. complex.
Long-Term	Paintball Park	Commercial Recreation	1	Facility	
Long-Term	Go-Kart Racing Track	Commercial Recreation	1	Facility	
Long-Term	Soccer Fields	Commercial Recreation	1	Facility	Three soccer fields with bleachers and dedicated surface parking
Long-Term	Golf Driving Range	Commercial Recreation	1	Facility	Includes F & B concessions and pro shop retail
Long-Term	Zip-Line Park	Commercial Recreation	1	Facility	Includes elevators



## Table 2 Development Project Concept, by Use Category South Philadelphia Entertainment & Recreation District Master Plan

Phase	Component	Use Category	Size	Unit	Notes
Expedited	Retail Food & Beverage	Retail	102,000	Sq. Ft.	Retail portion of 4 "retail F & B" structures on Pattison Ave. west of pool
Near-Term	Retail Food & Beverage	Retail	272,000	Sq. Ft.	Retail portion of 12 "retail F & B" structures on south side of Pattison Ave.
Long-Term	Retail Food & Beverage	Retail	306,000	Sq. Ft.	Retail portion of approx. 10 "F & B retail" buildings on north side of Pattison
		Retail Subtotal	680,000	Sq. Ft.	
Expedited	Retail Food & Beverage	Restaurant/Bar	25,500	Sq. Ft.	Restaurant/bar portion of 4 "retail F & B" structures on Pattison Ave. west of pool
Medium-Term	Soundscene Nightclub	Restaurant/Bar	8,000	Sq. Ft.	Part of theater complex
Near-Term	Retail Food & Beverage	Restaurant/Bar	68,000	Sq. Ft.	Restaurant/bar portion of 12 "retail F & B" structures on south side of Pattison Ave.
Long-Term	Retail Food & Beverage	Restaurant/Bar	76,500	Sq. Ft.	Restaurant portion of approx. 10 "F & B retail" buildings on north side of Pattison
	-	Restaurant/Bar Subtotal	178,000	Sq. Ft.	-
Near-Term	East Hotel	Lodging	175	Rooms	High-rise hotel east of Front Street
Medium-Term	Lodge for Ski Resort	Lodging	50	Rooms	Part of 8.8-acre ski lodge
Long-Term	Hotel	Lodging	250	Rooms	High-rise hotel on Pattison Ave. west of Lawrence St.
		Lodging Subtotal	475	Rooms	
Expedited	Tailgate Park	Entertainment	1	Facility	South side of Pattison with frontage on I-95. Includes bleachers and F & B concessions.
Near-Term	Cinema	Entertainment	142,000	Sq. Ft.	15-screen cinema
Medium-Term	6,000-Seat Entertainment Theater	Entertainment	1	Facility	6,000-seat theater, music museum, dining theater, night club w/ F & B on 6.38 ac.
Medium-Term	Soundscene Black Box Theater/Dining	Entertainment	1	Facility	Part of theater complex
Medium-Term	Soundscene Music Museum	Entertainment	1	Facility	Part of theater complex (5,000 sq. ft.)
Medium-Term	Circus	Entertainment	1	Facility	Includes F & B concessions
Expedited	Swimming Pool	Commercial Recreation	1	Facility	Includes F & B concessions

Expedited	Swimming Pool	Commercial Recreation	1	Facility	Includes F & B concessions				
Medium-Term	Water-Park	Commercial Recreation	1	Facility	Includes 3 restaurants				
Medium-Term	Ski Resort	Commercial Recreation	1	Facility	Includes F & B, pro shop retail				
Medium-Term	Climbing Park	Commercial Recreation	1	Facility	Includes F & B concessions, pro shop retail				
Long-Term	Skating Rink (Ice)	Commercial Recreation	1	Facility	Includes restaurant/bar				
Long-Term	Roller Rink	Commercial Recreation	1	Facility	Includes restaurant/bar				
Long-Term	Racquet Sports Center	Commercial Recreation	1	Facility	Tennis, squash, raquetball, & badmitton courts with club facilities, concessions and pro shop retail. "Center Court" tennis venue. 3.44 ac. complex.				
Long-Term	Paintball Park	Commercial Recreation	1	Facility					
Long-Term	Go-Kart Racing Track	Commercial Recreation	1	Facility					
Long-Term	Soccer Fields	Commercial Recreation	1	Facility	Fields, bleachers, and surface parking				
Long-Term	Golf Driving Range	Commercial Recreation	1	Facility	Includes F & B concessions and pro shop retail				
Long-Term	Zip-Line Park	Commercial Recreation	1	Facility	Includes elevators				



## Table 3 Estimated Property Tax Revenue Projections South Philadelphia Entertainment & Recreation District Master Plan

Phase	Component	Use Category	Size	Unit	onstruction Cost / Unit <sup>1</sup>	0	Construction Cost	-	sessed Value of mprovements <sup>2</sup>	ojected Annual Property Tax Revenue <sup>3</sup>
Expedited	Swimming Pool <sup>4</sup>	Commercial Recreation	1	Facility	\$ 12,000,000	\$	12,000,000	\$	4,800,000	\$ 64,320
Expedited	Retail Food & Beverage	Retail	102,000	Sq. Ft.	\$ 150	\$	15,300,000	\$	12,240,000	\$ 164,016
Expedited	Retail Food & Beverage	Restaurant/Bar	25,500	Sq. Ft.	\$ 300	\$	7,650,000	\$	6,120,000	\$ 82,008
Expedited	Tailgate Park	Entertainment	1	Facility	\$ 500,000	\$	500,000	\$	400,000	\$ 5,360
	S	Subtotal for Expedited Phas	se	-		\$	35,450,000	\$	23,560,000	\$ 315,704
Near-Term	East Hotel	Lodging (upper/upscale)	175	Rooms	\$ 200,000	\$	35,000,000	\$	28,000,000	\$ 375,200
Near-Term	Cinema	Entertainment	142,000	Sq. Ft.	\$ 150	\$	21,300,000	\$	17,040,000	\$ 228,336
Near-Term	Retail Food & Beverage	Retail	272,000	Sq. Ft.	\$ 150	\$	40,800,000	\$	32,640,000	\$ 437,376
Near-Term	Retail Food & Beverage	Restaurant/Bar	68,000	Sq. Ft.	\$ 300	\$	20,400,000	\$	16,320,000	\$ 218,688
	· č	ubtotal for Near-Term Pha				\$		\$	94,000,000	\$ 1,259,600
Medium-Term	6,000-Seat Entertainment Theater	Entertainment	6,000	Seats	\$ 5,000	\$	30,000,000	\$	24,000,000	\$ 321,600
Medium-Term	Soundscene Black Box Theater/Dining	Entertainment	15,000	Sq. Ft.	\$ 300	\$	4,500,000	\$	3,600,000	\$ 48,240
Medium-Term	Soundscene Music Museum	Entertainment	5,000	Sq. Ft.	\$ 250	\$	1,250,000	\$	1,000,000	\$ 13,400
Medium-Term	Soundscene Nightclub	Restaurant/Bar	8,000	Sq. Ft.	\$ 300	\$	2,400,000	\$	1,920,000	\$ 25,728
Medium-Term	Circus <sup>5</sup>	Entertainment	1	Facility	\$ 3,500,000	\$	3,500,000	\$	700,000	\$ 9,380
Medium-Term	Water-Park <sup>5</sup>	Commercial Recreation	1	Facility	\$ 60,000,000	\$	60,000,000	\$	12,000,000	\$ 160,800
Medium-Term	Ski Resort <sup>5</sup>	Commercial Recreation	1	Facility	\$ 20,000,000	\$	20,000,000	\$	4,000,000	\$ 53,600
Medium-Term	Lodge for Ski Resort	Lodging	50	Rooms	\$ 150,000	\$	7,500,000	\$	6,000,000	\$ 80,400
Medium-Term	Climbing Park <sup>5</sup>	Commercial Recreation	1	Facility	\$ 1,000,000	\$	1,000,000	\$	200,000	\$ 2,680
	Sul	btotal for Medium-Term Ph	ase			\$	130,150,000	\$	53,420,000	\$ 715,828
Long-Term	Hotel	Lodging	250	Rooms	\$ 200,000	\$	50,000,000	\$	40,000,000	\$ 536,000
Long-Term	Retail Food & Beverage	Retail	306,000	Sq. Ft.	\$ 150	\$	45,900,000	\$	36,720,000	\$ 492,048
Long-Term	Retail Food & Beverage	Restaurant/Bar	76,500	Sq. Ft.	\$ 300	\$	22,950,000	\$	18,360,000	\$ 246,024
Long-Term	Skating Rink (ice)4	Commercial Recreation	1	Facility	\$ 10,000,000	\$	10,000,000	\$	4,000,000	\$ 53,600
Long-Term	Roller Rink <sup>4</sup>	Commercial Recreation	1	Facility	\$ 5,000,000	\$	5,000,000	\$	2,000,000	\$ 26,800
Long-Term	Racquet Sports Center <sup>4</sup>	Commercial Recreation	1	Facility	\$ 10,000,000	\$	10,000,000	\$	4,000,000	\$ 53,600
Long-Term	Paintball Park <sup>4</sup>	Commercial Recreation	1	Facility	\$ 500,000	\$	500,000	\$	200,000	\$ 2,680
Long-Term	Go-Kart Racing Track <sup>4</sup>	Commercial Recreation	1	Facility	\$ 500,000	\$	500,000	\$	200,000	\$ 2,680
Long-Term	Soccer Fields <sup>4</sup>	Commercial Recreation	1	Facility	\$ 2,000,000	\$	2,000,000	\$	800,000	\$ 10,720
Long-Term	Golf Driving Range <sup>4</sup>	Commercial Recreation	1	Facility	\$ 1,000,000	\$	1,000,000	\$	400,000	\$ 5,360
Long-Term	Zip-Line Park <sup>4</sup>	Commercial Recreation	1	Facility	\$ 1,000,000	\$	1,000,000	\$	400,000	\$ 5,360
	Subtotal fo	r Long-Term Phase	-			\$		\$	107,080,000	\$ 1,434,872
	GRAND TO	DTAL, ALL PHASES				\$	431,950,000	\$	278,060,000	\$ 3,726,004

<sup>1</sup> Construction cost based on national averages for comparable facilities and adjusted based on comparable assessment data for Philadelphia.

<sup>2</sup> Assessed valued based on 80% of estimated construction cost except as otherwise noted.

<sup>3</sup> Property tax revenue calculated using a 2014 property tax rate of 1.34% as adopted by the Philadelphia City Council on 6/13/13.

<sup>4</sup>Assessed value based on 40% of estimated construction cost due to the unique nature of improvements.

<sup>5</sup>Assessed value based on 20% of estimated construction cost due to unique nature of improvements and limited marketability for re-use.



## Table 4 Estimated Retail Sales and Sales Tax Revenue Projections South Philadelphia Entertainment & Recreation District Master Plan

				Ι		Ta	xable Retail	Ar	nual Retail		Annual F	leta	il Sales Tax	Rev	enue <sup>2</sup>
Phase	Component	Use Category	Size	Unit	Notes	s	ales/Unit1		Sales		State		City		Total
Expedited	Swimming Pool	Commercial Recreation	1	Facility	Includes F & B concessions	\$	250,000	\$	250,000	\$	15,000	\$	5,000	\$	20,000
Expedited	Retail Food & Beverage	Retail	102,000	Sq. Ft.	Retail portion of 4 "retail F & B" structures on Pattison Ave. west of pool	\$	250	\$	25,500,000	\$	1,530,000	\$	510,000	\$	2,040,000
Expedited	Retail Food & Beverage	Restaurant/Bar	25,500	Sq. Ft.	Restaurant/bar portion of 4 "retail F & B" structures on Pattison Ave. west of pool	\$	400	\$	10,200,000	\$	612,000	\$	204,000	\$	816,000
Expedited	Tailgate Park	Entertainment	1	Facility	South side of Pattison with frontage on I-95. Includes bleachers and F & B concessions.	\$	100,000	\$	100,000	\$	6,000	\$	2,000	\$	8,000
		Subtotal for	Expedited I	Phase				\$	36,050,000	\$	2,163,000	\$	721,000	\$	2,884,000
Near-Term	East Hotel	Lodging	1	Facility	High-rise hotel east of Front Street	\$	50,000	\$	50,000	\$	3,000	\$	1,000	\$	4,000
Near-Term	Cinema	Entertainment	15	Screens	15-screen cinema	\$	150,000	\$	2,250,000	\$	135,000	\$	45,000	\$	180,000
Near-Term	Retail Food & Beverage	Retail	272,000	Sq. Ft.	Retail portion of 12 "retail F & B" structures on south side of Pattison Ave.	\$	250	\$	68,000,000	\$	4,080,000	\$	1,360,000	\$	5,440,000
Near-Term	Retail Food & Beverage	Restaurant/Bar	68,000	Sq. Ft.	Restaurant/bar portion of 12 "retail F & B" structures on south side of Pattison Ave.	\$	400	\$	27,200,000	\$	1,632,000	\$	544,000	\$	2,176,000
		Subtotal for	Near-Term	Phase				\$	97,450,000	\$	5,847,000	\$	1,949,000	\$	7,796,000
Medium-Term	6,000-Seat Entertainment Theater	Entertainment	1	Facility	6,000-seat theater, music museum, dining theater, night club w/ F & B on 6.38 ac.	\$	750,000	\$	750,000	\$	45,000	\$	15,000	\$	60,000
Medium-Term	Soundscene Black Box Theater/Dining	Entertainment	1	Facility	Part of theater complex	\$	2,000,000	\$	2,000,000	\$	120,000	\$	40,000	\$	160,000
Medium-Term	Soundscene Music Museum	Entertainment	1	Facility	Part of theater complex (5,000 sq. ft.)	eater complex (5,000 sq. ft.) \$ 200,000 \$		\$	200,000	\$	12,000	\$	4,000	\$	16,000
Medium-Term	Soundscene Nightclub	Restaurant/Bar	8,000	Sq. Ft.			400	\$	3,200,000	\$	192,000	\$	64,000	\$	256,000
Medium-Term	Circus	Entertainment	1	Facility			500,000	\$	500,000	\$	30,000	\$	10,000	\$	40,000
Medium-Term	Water-Park	Commercial Recreation	1	Facility			\$	6,000,000	\$	360,000	\$	120,000	\$	480,000	
Medium-Term		Commercial Recreation	1	Facility	Includes 50-room lodge, F & B, with pro shop retail on 8.84 ac.	\$ \$	1,500,000	\$ \$	1,500,000	\$	90,000	\$	30,000	\$ \$	120,000
		Lodging	50	Facility	Part of 8.8-acre ski lodge	\$ \$	]	ծ Տ	]	\$ \$	- 1	\$ \$		\$ \$	1
Medium-Term	Climbing Park	Commercial Recreation		Facility	Includes F & B concessions, pro shop retail	Þ	250,000		250,000	-	15,000	Ť	5,000	Ŧ	20,000
		Subtotal for M	edium-Tern	n Phase				\$	14,450,000	\$	867,000	\$	289,000	\$	1,156,000
Long-Term	Hotel	Lodging	250	Rooms	High-rise hotel on Pattison Ave. west of Lawrence St.	\$	50,000	\$	50,000	\$	3,000	\$	1,000	\$	4,000
Long-Term	Retail Food & Beverage	Retail	306,000	Sq. Ft.	Retail portion of approx. 10 "F & B retail" buildings on north side of Pattison	\$	250	\$	76,500,000	\$	4,590,000	\$	1,530,000	\$	6,120,000
Long-Term	ő	Restaurant/Bar	76,500	Sq. Ft.	Restaurant portion of approx. 10 "F & B retail" buildings on north side of Pattison	\$	400	\$	30,600,000	\$	1,836,000	\$	612,000	\$	2,448,000
Long-Term	Skating Rink (Ice)	Commercial Recreation	1	Facility	Includes restaurant/bar. On 1.91 acres.	\$	500,000	\$	500,000	\$	30,000	\$	10,000	\$	40,000
Long-Term	Roller Rink	Commercial Recreation	1	Facility	Includes concessions, incidental retail sales.	\$	200,000	\$	200,000	\$	12,000	\$	4,000	\$	16,000
Long-Term	Racquet Sports Center	Commercial Recreation	1	Facility	Tennis, squash, raquetball, & badmitton courts with club facilities, concessions and pro shop retail. "Center Court" tennis venue. 3.44 ac. complex.	\$	750,000	\$	750,000	\$	45,000	\$	15,000	\$	60,000
Long-Term	Paintball Park	Commercial Recreation	1	Facility		\$	200,000	\$	200,000	\$	12,000	\$	4,000	\$	16,000
Long-Term	Go-Kart Racing Track	Commercial Recreation	1	Facility		\$	50,000	\$	50,000	\$	3,000	\$	1,000	\$	4,000
Long-Term	Soccer Fields	Commercial Recreation	1	Facility	Three soccer fields with bleachers and dedicated surface parking	\$	50,000	\$	50,000	\$	3,000	\$	1,000	\$	4,000
Long-Term	Golf Driving Range	Commercial Recreation	1	Facility	Includes F & B concessions and pro shop retail	\$	500,000	\$	500,000	\$	30,000	\$	10,000	\$	40,000
Long-Term	Zip-Line Park	Commercial Recreation	1	Facility	Includes elevators	\$	50,000	\$	50,000	\$	3,000	\$	1,000	\$	4,000
		Subtotal for	Long-Term	Phase				\$	109,400,000	\$	6,567,000	\$	2,189,000	\$	8,752,000
					GRAND TOTAL, ALL PHASES			\$	257,350,000	\$	15,444,000	\$	5,148,000	\$	20,588,000

<sup>1</sup> Projected taxable retail sales per unit is based on national averages for comparable uses.
 <sup>2</sup> Calculated using 8.0% retail sales tax rate (6% to State of Pennsylvania, 2% to City of Philadelphia).



## Table 5 Estimated Hotel Tax Revenue Projections South Philadelphia Entertainment & Recreation District Master Plan

Phase	Component	Use Category	Size	Unit	Notes	° I				Daily Room		Daily Room		Daily Room		Daily Room		Daily Room		Daily Room		Average Occupancy Rate <sup>1</sup>	Annual Taxable Revenue	ual Hotel Tax Revenue <sup>2</sup>
Near-Term	East Hotel	Lodging	175	Rooms	High-rise hotel east of Front Street	\$	175	70%	\$ 7,824,688	\$ 665,098														
Medium-Term	Lodge for Ski Resort	Lodging	50	Rooms	Part of 8.8-acre ski lodge	\$	160	70%	\$ 2,044,000	\$ 173,740														
Long-Term	Hotel	Lodging	250	Roome	High-rise hotel on Pattison Ave. west of Lawrence St.	\$	175	70%	\$ 11,178,125	\$ 950,141														
					GRAND TOTAL, ALL PHASE	s			\$ 21,046,813	\$ 1,788,979														

<sup>1</sup> Average daily room rate and assumed occupancy rate based on data included in 2012 Philadelphia Hotel Development report published by Philadelphia Industrial Development Corporation. <sup>2</sup> Annual hotel tax revenue calculated using 8.5% rate (increase effective July 2013).



#### Table 6 Estimated Amusement Tax Revenue Projections

Phase	Component	Use Category	Size	Unit	Notes	Estimated Annual Admissions	Average Admission per Visitor	Taxable Admission Fees <sup>1</sup>	Annual Amusemer Tax Revenu
Expedited	Swimming Pool	Commercial Recreation	1	Facility	Includes F & B concessions	30,000	\$ 7.00	\$ 210,000	\$ 10,5
Expedited	Tailgate Park	Entertainment	1	Facility	South side of Pattison with frontage on I-95. Includes bleachers and F & B concessions.	4,000	\$ 25.00	\$ 100,000	\$ 5,0
		Subtotal for Expedi	ted Phase					\$ 310,000	\$ 15,5
Near-Term	Cinema	Entertainment	15	Screens	15-screen cinema			\$ 3,375,000	\$ 168,7
		Subtotal for Near-T	erm Phase	)	•	•	•	\$ 3,375,000	\$ 168,7
Medium-Term	6,000-Seat Entertainment Theater	Entertainment	1	Facility	6,000-seat theater, music museum, dining theater, night club w/ F & B on 6.38 ac.	250,000	\$ 30.00	\$ 7,500,000	\$ 375,0
Medium-Term	Soundscene Black Box Theater/Dining	Entertainment	1	Facility	Part of theater complex	50,000	\$ 25.00	\$ 1,250,000	\$ 62,5
Medium-Term	Soundscene Music Museum	Entertainment	1	Facility	Part of theater complex (5,000 sq. ft.)	50,000	\$ 10.00	\$ 500,000	\$ 25,0
Medium-Term		Restaurant/Bar	8,000	Sq. Ft.	Part of theater complex	50,000	\$ 25.00	\$ 1,250,000	\$ 62,5
Medium-Term	Circus	Entertainment	1	Facility	Includes F & B concessions. On 1.95 ac.	100,000	\$ 25.00	\$ 2,500,000	\$ 125,0
Medium-Term	Water-Park	Commercial Recreation	1	Facility	Includes 3 restaurants. On 8.03 ac.	400,000	\$ 45.00	\$ 18,000,000	\$ 900,0
Medium-Term	Ski Resort	Commercial Recreation	1	Facility	Includes 50-room lodge, F & B, with pro shop retail on 8.84 ac.	150,000	\$ 40.00	\$ 6,000,000	\$ 300,0
Medium-Term	Climbing Park	Commercial Recreation	1	Facility	Includes F & B concessions, pro shop retail	50,000	\$ 15.00	\$ 750,000	\$ 37,5
	•	Subtotal for Medium-	Term Phas	se	•	•	•	\$ 37,750,000	\$ 1,887,5
Long-Term	Skating Rink (Ice)	Commercial Recreation	1	Facility	Includes restaurant/bar. On 1.91 acres.	105,000	\$ 12.00	\$ 1,260,000	\$ 63,0
Long-Term	Roller Rink	Commercial Recreation	1	Facility		35,000	\$ 8.00	\$ 280,000	\$ 14,0
Long-Term	Racquet Sports Center	Commercial Recreation	1	Facility	Tennis, squash, raquetball, & badmitton courts with club facilities, concessions and pro shop retail. "Center Court" tennis venue. 3.44 ac. complex.	165,000	\$ 10.00	\$ 1,650,000	\$ 82,5
Long-Term	Paintball Park	Commercial Recreation	1	Facility		85,000	\$ 15.00	\$ 1,275,000	\$ 63,7
Long-Term	Go-Kart Racing Track	Commercial Recreation	1	Facility		100,000	\$ 18.00	\$ 1,800,000	\$ 90,0
Long-Term	Soccer Fields	Commercial Recreation	1	Facility	Three soccer fields with bleachers and dedicated surface parking	50,000	\$ 8.00	\$ 400,000	\$ 20,0
Long-Term	Golf Driving Range	Commercial Recreation	1	Facility	Includes F & B concessions and pro shop retail	170,000	\$ 15.00	\$ 2,550,000	\$ 127,5
Long-Term	Zip-Line Park	Commercial Recreation	1	Facility	Includes elevators	150,000	\$ 18.00	\$ 2,700,000	\$ 135,0
		Subtotal for Long-T	erm Phase					\$ 11,915,000	\$ 595,7
					GRAND TOTAL, ALL PHASES	-	-	\$ 53,350,000	\$ 2,667,5

<sup>1</sup> Taxable admission fees estimated based on average attendance and admission rates at comparable facilities.
 <sup>2</sup> Annual amusement tax revenue calculated using 5.0% rate.



### Table 7 Estimated Annual Payroll and Wage Tax Revenue

South Philadelphia Entertainment & Recreation District Master Plan

						Detailed	Employment Ca	alculations	-				
Phase	Component	Use Category	Size	Unit	Operating Hrs/Wk	Avg PT EE's on site	PT ee's hrs/wk		Average Units per FTE	Estimated FTE Employment <sup>1</sup>	Estimated Avg. Hourly Wage <sup>2</sup>	Annual Payroll	Annual Wage Tax Revenue <sup>3</sup>
Expedited	Swimming Pool	Commercial Recreation	1	Facility	84.0	8				20	\$ 12.22	\$ 508,352	\$ 18,487
Expedited	Retail Food & Beverage	Retail	102,000	Sq. Ft.					500	204	\$ 13.16	\$ 6,123,444	\$ 222,683
Expedited	Retail Food & Beverage	Restaurant/Bar	25,500	Sq. Ft.					350	73	\$ 12.22	\$ 2,065,861	\$ 75,126
Expedited	Tailgate Park	Entertainment	1	Facility	1.5	16	24.6	0.6	NA	2	\$ 12.22	\$ 50,835	\$ 1,849
		SL	ıbtotal for E	Expedited I	Phase					299		\$ 8,748,492	\$ 318,145
Near-Term	East Hotel	Lodging	175	Rooms					2	88	\$ 12.62	\$ 2,674,189	\$ 97,249
Near-Term	Cinema	Entertainment	142,000	Sq. Ft.					2500	57	\$ 12.22	\$ 1,610,562	\$ 58,569
Near-Term	Retail Food & Beverage	Retail	272,000	Sq. Ft.					500	544	\$ 13.16	\$ 16,329,183	\$ 593,822
Near-Term	Retail Food & Beverage	Restaurant/Bar	68,000	Sq. Ft.					350	194	\$ 12.22	\$ 5,508,964	\$ 200,337
		Su	btotal for N	lear-Term	Phase					883		\$ 26,122,897	\$ 949,977
Medium-Term	6,000-Seat Entertainment Theater	Entertainment	1	Facility	10.8	60	646.2	16.2	NA	20	\$ 13.16	\$ 743,219	\$ 27,028
Medium-Term	Soundscene Black Box Theater/Dining	Entertainment	1	Facility	21.2	25	530.8	13.3	NA	17	\$ 12.22	\$ 432,099	\$ 15,714
Medium-Term	Soundscene Music Museum	Entertainment	1	Facility	45.0	8	360.0	9.0	NA	10	\$ 12.22	\$ 254,176	\$ 9,243
Medium-Term	Soundscene Nightclub	Restaurant/Bar	8,000	Sq. Ft.					350	23	\$ 12.22	\$ 654,721	\$ 23,809
Medium-Term	Circus	Entertainment	1	Facility	11.1	25	276.9	6.9	NA	10	\$ 12.00	\$ 249,600	\$ 9,077
Medium-Term	Water-Park	Commercial Recreation	1	Facility	20.2	175	3533.7	88.3	NA	100	\$ 13.16	\$ 3,128,806	\$ 113,781
Medium-Term	Ski Resort	Commercial Recreation	1	Facility	84.0	17	1428.0	35.7	NA	40	\$ 12.22	\$ 1,189,616	\$ 43,261
Medium-Term	Lodge for Ski Resort	Lodging	50	Rooms					2	25	\$ 13.16	\$ 684,320	\$ 24,886
Medium-Term	Climbing Park	Commercial Recreation	1	Facility	50.0	4	200.0	5.0	NA	6	\$ 12.22	\$ 152,506	\$ 5,546
		Sub	total for Me	edium-Tern	n Phase					251		\$ 7,489,063	\$ 272,345
Long-Term	Hotel	Lodging	250	Rooms					2	125	\$ 12.62	\$ 3,820,270	\$ 138,927
Long-Term	Retail Food & Beverage	Retail	306,000	Sq. Ft.					500	612	\$ 13.16	\$ 18,370,331	\$ 668,050
Long-Term	Retail Food & Beverage	Restaurant/Bar	76,500	Sq. Ft.					350	219	\$ 12.22	\$ 6,197,584	\$ 225,379
Long-Term	Skating Rinks	Commercial Recreation	1	Facility	56.0	16	896.0	22.4	NA	20	\$ 12.22	\$ 681,264	\$ 24,775
Long-Term	Racquet Sports Center	Commercial Recreation	1	Facility	50.0	8	400.0	10.0	NA	14	\$ 13.16	\$ 383,219	\$ 13,936
Long-Term	Paintball Park	Commercial Recreation	1	Facility	50.0	3				5	\$ 12.22	\$ 127,088	\$ 4,622
Long-Term	Go-Kart Racing Track	Commercial Recreation	1	Facility	50.0	5	250.0	6.3	NA	7	\$ 13.16	\$ 191,610	\$ 6,968
Long-Term	Soccer Fields	Commercial Recreation	1	Facility	50.0	3	150.0	3.8	NA	5	\$ 12.22	\$ 127,088	\$ 4,622
Long-Term	Golf Driving Range	Commercial Recreation	1	Facility	65.0	6	390.0	9.8	NA	12	\$ 13.16	\$ 393,728	\$ 14,318
Long-Term	Zip-Line Park	Commercial Recreation	1	Facility	50.0	5	250.0	6.3	NA	8	\$ 13.16	\$ 284,237	\$ 10,336
		Su	btotal for L	ong-Term	Phase					1,027		\$ 30,576,418	\$ 1,111,933
		GR	AND TOT	AL, ALL PI	HASES					2,459		\$ 72,936,871	\$ 2,652,400

<sup>1</sup>Employment per unit is based on national averages for comparable uses.

<sup>2</sup>Average hourly wages based on 2012 Occupation Employment Statistics (OES) dataset from the US Bureau of Labor Statistics for Philadelphia metro area. Wage rate shown in table is applied to hourly workers only; wage rates for management employees is calculated separately and factored into Annual Payroll. <sup>3</sup>Projections of annual wage tax revenue is based on a tax rate of 3.6402%, which is a blend of resident and non-resident wage tax rate.



## Table 8Economic Impact Analysis - Construction

Capital Investment	\$ 431,950,000
Construction Payroll	\$ 194,377,500
Construction Employment	2,592
Multiplier	
Output	2.3233
Impact on	
Output	\$ 1,003,549,435



#### Economic Impact Analysis - Retail (Expedited Phase)

Retail Sales (Less Cost of Goods Sold) Direct Employment	\$	15,300,000 204				
Multiplier						
Output		2.068				
Earnings		0.6432				
Employment		20.7938				
Impact on						
Output	\$	31,640,400				
Earnings	\$	9,840,960				
Indirect Employment		114				
Total Employment		318				



#### Economic Impact Analysis - Retail (Near-Term Phase)

Retail Sales (Less Cost of Goods Sold) Direct Employment			40,800,000 544
Multiplier			
	Output		2.068
	Earnings		0.6432
	Employment		20.7938
Impact on			
	Output	\$	84,374,400
	Earnings	\$	26,242,560
	Indirect Employment		304
	Total Employment		848



#### Economic Impact Analysis - Retail (Medium-Term Phase)

Retail Sales (Less Cost of Goods Sold) Direct Employment	\$ -
Multiplier	
Output	2.068
Earnings	0.6432
Employment	 20.7938
Impact on	
Output	\$ -
Earnings	\$ -
Indirect Employment	-
Total Employment	-



#### Economic Impact Analysis - Retail (Long-Term Phase)

Retail Sales (Less Cost of Goods Sold) Direct Employment			45,900,000 612				
Multiplier	Multiplier						
	Output		2.068				
	Earnings		0.6432				
	Employment		20.7938				
Impact on							
	Output	\$	94,921,200				
	Earnings	\$	29,522,880				
	Indirect Employment		342				
	Total Employment		954				



#### Economic Impact Analysis - Restaurant & Bar (Expedited Phase)

Restaurant & E	Bar Revenue	\$ 10,200,000
Direct Employr	nent	73
Multiplier		
Ou	tput	2.1188
Ea	rnings	0.6207
Err	ployment	25.157
Impact on		
Ou	tput	\$ 21,611,760
Ea	rnings	\$ 6,331,140
Ind	lirect Employment	184
Tot	tal Employment	257



#### Economic Impact Analysis - Restaurant & Bar (Near-Term Phase)

Restaurant & Bar Revenue		\$	27,200,000
Direct Employment			194
Multiplier			
	Output		2.1188
	Earnings		0.6207
	Employment		25.157
Impact on			
	Output	\$	57,631,360
	Earnings	\$	16,883,040
	Indirect Employment		490
	Total Employment		684



#### Economic Impact Analysis - Restaurant & Bar (Medium-Term Phase)

Restaurant & Bar Revenue	\$ 3,200,000
Direct Employment	23
Multiplier	
Output	2.1188
Earnings	0.6207
Employment	25.157
Impact on	
Output	\$ 6,780,160
Earnings	\$ 1,986,240
Indirect Employment	58
Total Employment	81



#### Economic Impact Analysis - Restaurant & Bar (Long-Term Phase)

Restaurant & Bar Revenue			30,600,000
Direct Employment			219
Multiplier			
	Output		2.1188
Earnings			0.6207
	Employment		25.157
Impact on			
	Output	\$	64,835,280
	Earnings	\$	18,993,420
	Indirect Employment		551
	Total Employment		770



#### Economic Impact Analysis - Lodging (Expedited Phase)

Hotel Roor	n Sales	\$	-
Direct Employment		Ť	-
Multiplier			
	Output		2.1881
	Earnings		0.6099
	Employment		17.2601
Impact on			
	Output	\$	-
	Earnings	\$	-
	Indirect Employment		-
	Total Employment		-



#### Economic Impact Analysis - Lodging (Near-Term Phase)

Hotel Room Sales Direct Employment		\$ 7,874,688 88
Multiplier		
	Output	2.1881
	Earnings	0.6099
	Employment	17.2601
Impact on		
	Output	\$ 17,230,604
	Earnings	\$ 4,802,772
	Indirect Employment	48
	Total Employment	136



#### Economic Impact Analysis - Lodging (Medium-Term Phase)

Hotel Room Sales Direct Employment	\$ 2,094,000 25
Multiplier	
Output	2.1881
Earnings	0.6099
Employment	17.2601
Impact on	
Output	\$ 4,581,881
Earnings	\$ 1,277,131
Indirect Employment	11
Total Employment	36



#### Economic Impact Analysis - Lodging (Long-Term Phase)

Hotel Room Sales Direct Employment		\$ 11,228,125 125
Multiplier		
	Output	2.1881
	Earnings	0.6099
	Employment	17.2601
Impact on		
	Output	\$ 24,568,260
	Earnings	\$ 6,848,033
	Indirect Employment	69
	Total Employment	194



## Economic Impact Analysis - Entertainment (Expedited Phase)

Entertainment Venues Admission Revenue	\$ 104,000
Direct Employment	2
Multiplier	
Output	2.3482
Earnings	0.8137
Employment	26.0105
Impact on	
Output	\$ 244,213
Earnings	\$ 84,625
Indirect Employment	1
Total Employment	3



#### Economic Impact Analysis - Entertainment (Near-Term Phase)

Entertainment Venues Admission Revenue Direct Employment		3,525,000 57
Multiplier		
Output		2.3482
Earnings		0.8137
Employment		26.0105
Impact on		
Output	\$	8,277,405
Earnings	\$	2,868,293
Indirect Employment		35
Total Employment		92



#### Economic Impact Analysis - Entertainment (Medium-Term Phase)

Entertainment Venues Admission Revenue Direct Employment		15,200,000 57
Multiplier		
Output		2.3482
Earnings		0.8137
Employment		26.0105
Impact on	¢	25 602 640
Output	\$	35,692,640
Earnings	\$	12,368,240
Indirect Employment		338
Total Employment		395



#### Economic Impact Analysis - Entertainment (Long-Term Phase)

Entertainm Direct Emp	nent Venues Admission Revenue ployment	\$ -
Multiplier		
I	Output	2.3482
	Earnings	0.8137
	Employment	26.0105
Impact on		
	Output	\$ -
	Earnings	\$ -
	Indirect Employment	-
	Total Employment	-



# Table 25Economic Impact Analysis - Recreation (Expedited<br/>Phase)

Recreational Venu	es Revenue	\$ 735,000
Direct Employment	t	20
Multiplier		
Output		2.067
Earning	gs	0.6529
Employ	yment	27.1633
Impact on		
Output		\$ 1,519,245
Earning	gs	\$ 479,882
Indirec	t Employment	(0)
Total E	Employment	20



#### Economic Impact Analysis - Recreation (Near-Term Phase)

Recreational Venues Revenue Direct Employment			
Multiplier			
	Output		2.067
	Earnings		0.6529
	Employment		27.1633
Impact on			
	Output	\$	-
	Earnings	\$	-
	Indirect Employment		-
	Total Employment		-



#### Economic Impact Analysis - Recreation (Medium-Term Phase)

Recreational Venues Revenue		32,500,000
Direct Employment		146
Multiplier		
Output		2.067
Earnings		0.6529
Employment		27.1633
Impact on		
Output	\$	67,177,500
Earnings	\$	21,219,250
Indirect Employment		737
Total Employment		883



#### Economic Impact Analysis - Recreation (Long-Term Phase)

Recreational Venues Revenue		14,215,000
Direct Employment		71
Multiplier		
Output		2.067
Earnings		0.6529
Employment		27.1633
Impact on		
Output	\$	29,382,405
Earnings	\$	9,280,974
Indirect Employment		315
Total Employment		386