# ATTACHMENT B

# Leigh Fisher

# FINAL REPORT

Hotel Market Analysis Baltimore/Washington International Thurgood Marshall Airport

Prepared for

Maryland Aviation Administration Baltimore, Maryland

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# **EXECUTIVE SUMMARY**

LeighFisher, and our subconsultants, Mary A. Lynch and Ernst & Associates are pleased to present this Hotel Market Analysis for a proposed hotel at Baltimore/Washington International Thurgood Marshall Airport (BWI Airport or Airport.) This report: (1) develops a passenger market analysis reflecting how future air traffic could influence the demand of hotel rooms and services; (2) conducts a market analysis to determine supply and demand factors in the Airport lodging market and forecast the number of rooms supported; and (3) evaluates possible financing and leasing structures for any proposed hotel development. The purpose of this analysis is to lay the groundwork to determine if a market currently exists or is projected to exist for additional hotel development.

# PASSENGER MARKET ANALYSIS

Market projections for the Airport were developed to support analysis of the market for on-Airport hotel rooms/services. The analysis assisted in determining supply and demand factors in the Airport lodging market and projecting the number of rooms that might be supported. Market traffic will be projected to provide a basis for assessing potential hotel demand. Origin/destination and enplaned passengers at the Airport were projected in 5-year, 10-year and 20-year increments. Carrier-specific traffic for the major carriers was given consideration.

Three projections were developed and the results are summarized in Table 1 below:

- Medium Case Market Scenario Assumes the most commonly held expectations regarding carrier commitments to service development and overall national passenger traffic growth.
- High Case Market Scenario Assumes that Southwest's plans for development of international traffic out of the Airport will be fulfilled, overall national traffic growth will be strong, and other carriers at the Airport will prosper in their service developments.
- Low Case Market Scenario Assumes that overall national traffic growth in the future is slower than
  expectations, and that this slower growth prevents full realization of international service plans at
  the Airport.

Table 1 HOTEL MARKET ANALYSIS SUMMARY Baltimore/Washington International Thurgood Marshall Airport											
		LOW				MEDIUM			HIGH		
	2010	2016	2021	2031	2016	2021	2031	2016	2021	2031	
Passengers (000's)								10.100	45 440	10.000	
Enplanements	10,997	12,440	13,633	16,152	12,912	14,574	17,203	13,468	15,419	18,826	
CAGR		2.1%	1.8%	1.7%	2.8%	2.5%	1.7%	3.5%	2.7%	2.0%	
CAGR 2010-2031				1.8%			2.2%			2.6%	
Connecting	2,629	3,234	3,817	4,846	3,873	4,809	6,021	4,444	5,397	7,154	
Connecting %	23.9%	26%	28%	30%	30%	33%	35%	33%	35%	38%	
Originating	8,368	9,205	9,816	11,306	9,038	9,764	11,182	9,024	10,022	11,672	
CAGR 2010-2031	0,000	-,		1.5%			1.5%			1.7%	
Other Air Traffic											
Departures	376	383	404	437	394	426	462	406	440	487	
Seats per Departure	122.5	127.3	131.0	137.9	128.0	131.9	138.7	129.0	134.1	140.8	
Non-Stop Cities	75	75	75	79	75	79	84	78	82	87	

Hotel Market Analysis: Executive Summary

Baltimore/Washington International Thurgood Marshall Airport

A description of the approach, methodology and underlying data used to develop these market analysis is presented in Attachment A.

The reasonableness of the enplanement analysis results were evaluated by comparing the numbers to the growth rates embodied in the FAA Terminal Area Forecast (FAA) for the Airport. The Low and Medium hote analysis enplanements grow more slowly than the FAA TAF for BWI Airport, while the High scenario enplanements exceed FAA TAF growth rates in 2016 and 2021.

	ENPLANEMENT ( ashington Interr			
		Average Annua	al Growth Rate	s
	2010-2016	2016-2021	2021-2031	2010-2031
FAA TAF BWI	3.1%	2.7%	2.7%	2.7%
MARKET ANALYSIS				
Low	2.1%	1.9%	1.7%	1.8%
Medium	2.8%	2.5%	1.7%	2.2%

# HOTEL MARKET ANALYSIS

Drawing upon the passenger market analysis, future market demand and segments for the Airport hotel market were estimated. The Airport hotel market and both potential hotel development sites were studiec and optimum site(s) were recommended. Once it was determined that the market can support a hotel in th 5 to 10 year timeframe, forecast occupancy and room rates were estimated. Attachment B contains all supporting documentation and analysis.

Based on this research, market support for one, first-class 250-room hotel was identified to be developed within the BWI Hotel Market Area during the analysis period with a target opening year of 2015. The Airpor Site is considered superior to the Amtrak Site and optimum for this development.

Table 3 below summarizes the market area characteristics for Anne Arundel County and the BWI Hotel Market Area.

Table 3 BWI HOTEL MARKET AREA CHAR	ACTERISTICS	
Economic Indicator	Period	CAGR
Historical BWI Enplanements	2005-2010	1.9%
Market Analysis for Future BWI Enplanements	2010-2031	1.8% - 2.6%
Population	2005-2025	0.9%
Employment	2005-2025	1.1%
Mean Household Income	2005-2025	1.0%
Hotel Tax Collections	2005-2010/11	1.3%
Taxable Retail Sales	2005-2011	0.1%
Available Rooms – BWI Hotel Market Area	2005-2010	7.5%
Occupied Room nights – BWI Hotel Market Area	2005 - 2010	7.0%

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With its primary economic reliance on the federal government, government contractors, as well as its ports, the greater Baltimore metropolitan area has an economy fueled primarily by its proximity to Washington, D.C. and the eastern seaboard. Although the area did feel the impact of the recent recession, due to the diversity of its economy, Anne Arundel County did not experience the sizable downturns seen in other market areas in 2008 and 2009.

Airport enplanements, hotel tax data, taxable retail sales figures, and unemployment statistics have shown improvements in 2010, indicating that the area is bouncing back from the recent economic downturns it experienced. While it is difficult to predict the economic health of any market area, particularly with the dramatic changes in the economy in recent years, the overall outlook for Anne Arundel County is good.

# Site Analysis

#### Airport Site

We believe the subject site has the following strengths and/or constraints:

- The BWI Airport is considered to be the major generator of lodging demand by the direct competitive supply.
- The site's visibility from Elm Street is excellent from a southbound direction for motorists travelling onto the airport and to the main terminal buildings.
- The site's exposure at the airport will enhance its recognition in the market place.
- The site is located eight miles from Ft. Meade and is proximate to numerous corporate demand generators that surround the airport.
- The terminal buildings have a good selection of fast-food, limited service and a few full-service restaurants, as well as several retail establishments that are situated before entering the TSA security checkpoints. It is assumed that a proposed hotel at this location will also feature a variety of full-service food and beverage venues.
- The subject site is only 30 miles north of Washington, D.C.
- The subject site is slightly challenged by a lack of freeway visibility; however, none of the competitive hotels in the vicinity of the subject have prime freeway visibility, so it is not considered a significant issue in evaluating the site.
- The site is somewhat challenged by its close proximity to the airport's runway system with its inherent noise issues. While noise issues are manageable with current construction and technology, this issue could necessitate higher construction costs.

Overall, the subject property appears to be *excellent* for its proposed use.

#### Amtrak Site

We believe the subject site has the following strengths and/or constraints:

- The Amtrak rail, as well as the MARC lines, is not considered to be major generators of lodging demand, which lessens the overall appeal of this site.
- The site's visibility from Amtrak Way is good as motorists loop around in front of the train station; however, the site does not have visibility from Aviation Boulevard or any of the freeways in the area.



- The site only has 1.5 acres of buildable space, which places a constraint on the site's development potential.
- The site has certain constraints including surrounding uses that make construction difficult on a relatively small footprint.
- Adjacent to a parking garage and rail station, as well as tracks, the site's aesthetics are considered inferior and convenience to the train does not mitigate these issues, as it is not considered to be a major generator of lodging demand.
- The site will be impacted by noise from the trains as they arrive and depart from the Amtrak Train Station. Service is provided nearly 24 hours every day, with arrivals and departures approximately every half hour during peak hours of operation. While noise issues are manageable with current construction and technology, this issue could necessitate higher construction costs.
- The site is located eight miles from Ft. Meade; 30 miles north of Washington, D.C., and is proximate to numerous corporate demand generators that surround the Airport.
- The immediate area surrounding the site suffers from a lack of restaurants and retail establishments.

Overall, the subject property's suitability in connection with a hotel development appears to be **below** *average* for the foreseeable future. Future development of the greater area surrounding the site, with commercial and/or retail uses, would strengthen its overall appeal, as well as its competitive position when considered for a hotel development.

# Supportable Guest Rooms - Next 10 Years

The hotels included in the Smith Travel Research report were selected based on interviews with representatives of the direct competitive supply and our field research. Table 4 presents occupancy, average daily room rate (ADR), and revenue per available room (RevPAR) for the direct competitive supply.

		DIRECT COMPETITIVE S	UPPLY	
Year	Occupancy	Average Daily Room Rate (ADR)	Revenue per Available Room	RevPAR % Inc.Dec
2005	75.2%	\$121.94	\$91.69	
2006	73.5	129.00	94.84	3.4%
2007	69.2	130.98	90.63	(4.4)
2008	69.0	122.26	84.38	(6.9)
2009	69.0	111.04	76.65	(9.2)
2010	73.3	106.61	78.09	1.9
2011 YTD	76.4	107.27	81.92	0.7
2010 YTD	75.5	107.82	81.35	1.5

Hotel Market Analysis: Executive Summary

Baltimore/Washington International Thurgood Marshall Airport

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The supportable rooms analysis indicates that 200 to 250 rooms are supportable in the target year: 2015. Considering all factors, we have concluded that a 250-room hotel is market supportable by the year 2015. Demand is estimated to continue to grow for the foreseeable future. As the area-wide annual occupancy level exceeds 75%-85%, it is likely that an addition to the supply, unknown at this time, will enter the market. Therefore, even though additional rooms appear market supportable in 2016 and beyond, once the subject hotel enters the market, area-wide occupancy will drop in order to absorb the new guest rooms that were added to the market in 2015.

It is estimated that if the supply of direct competitors were to maintain an area-wide occupancy level of 75%, and based on the one addition to the supply in 2013 (100-room Candlewood), there would be approximately 214 rooms supportable in 2015, increasing to 280 by 2016. Table 5 illustrates the point that if the market were to maintain an area-wide occupancy of 80% or above, there is insufficient support for additional rooms until late in the projection period. On the other hand, even at a healthy occupancy level of 80%, this very resilient lodging market would support up to 263 rooms by 2019.

Table 5 ESTIMATED SUPPORTABLE GUEST ROOMS BWI Primary Competitive Supply										
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Supportable Rooms at 80% A/W	(123)	(67)	(109)	(50)	10	71	134	198	263	329
Supportable Rooms at 75% A/W	66	126	87	150	214	280	346	414	483	554

# FINANCING AND LEASING OPTIONS

Once a market for a new hotel was identified, alternative lease and financing structures were evaluated to determine options available to the Maryland Aviation Administration (MAA). Alternatives were evaluated on the following criteria: (a) viability under the MAA's procurement codes and financing arrangements, (b) maximizing the financial benefits of a new deal to the MAA, and (c) create the least disruption to the existing level of revenues paid to the MAA from hotel operations.

# Contractual Arrangements at U.S. Airports

Two primary contractual arrangements are used by airport operators to develop hotels in the U.S.:

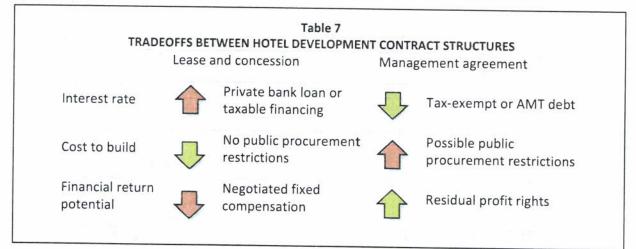
- 1. Lease and concession agreements are the most common arrangement, in which an independent hotel operator holds the equity interest in and management control of the hotel, through a ground lease with the airport sponsor and
- 2. Management agreements, in which the airport sponsor itself develops the hotel in consultation with a hotel company and contracts for the daily operation and management of the hotel once it is open.

Table 6 summarizes responsibilities, ownership, and compensation under both structures. Several advantages and disadvantages of each contractual structure as they relate to MAA are summarized in Table 7.

# Leigh Fisher

Management Consultants

SUMMARY OF HOTEL DEVE	LOPMENT CONTRACT ST	RUCTURES
	Lease and concession	Management agreement
Financing responsibility	Hotel developer	Airport
Primary development responsibility	Hotel developer	Airport
Hotel ownership	Hotel developer	Airport
Fixed compensation	Airport	Hotel operator
Rights to residual profits	Hotel developer	Airport



# **Funding Sources**

MAA has traditionally issued Airport debt through various conduit funding agencies. Each of those conduit agencies were reviewed for suitability in financing this potential hotel development.

# Maryland Economic Development Corporation (MEDCO)

The Maryland Economic Development Corporation appears to be an excellent potential financing partner for a new BWI Airport hotel development since its primary purpose is to partner with state organizations and agencies to stimulate economic activity and promote business development. Additionally, MEDCO has previously financed hotel development projects, including the Hyatt Regency Chesapeake Bay and the Rocky Gap Lodge & Golf Resort.

# Maryland Department of Transportation Trust Fund (MDOT TTF)

Under either a lease and concession agreement or management agreement, TTF funding would be the primary funding source for supporting infrastructure for the hotel development, such as roadway modifications or utilities. Activities funded by the Trust Fund are typically pure transportation projects such as roadways, bridges, and toll facilities. For this reason, it is unlikely that seeking hotel financing directly from the Transportation Trust Fund will be the preferred course.

# Maryland Transportation Authority (MdTA)

The MdTA may issue either taxable or tax-exempt municipal bonds to finance the cost of large-scale projects that would otherwise exceed current available operating revenues.

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Though MdTA maintains the Transportation Public-Private Partnership (TP3) program to supplement traditional transportation resources and project management structures, the program's focus on pure transportation facilities suggests that hotel development would be considered out of scope.

# Next Steps to Maximize Returns to MAA

Lease and concession agreements are much more straight forward to implement. However, two key conditions at BWI Airport warrant continued review of the management agreement structure:

- 1. BWI Airport is positioned as a key driver of demand for hotel rooms in an exceptionally strong hotel market, which makes the higher return potential of a management agreement structure more appealing.
- 2. Second, MAA has more experience with conduit financing structures than other airports and an established relationship with MEDCO financing. MEDCO has supported these types of financings in the past.

In the long run, we believe the best approach for MAA to maximize the revenue and financial returns generated from hotel rooms at BWI Airport is to adopt policies that will ensure the following:

- Determine whether or not the MAA has the flexibility to take advantage, either directly or indirectly, of tax-exempt financing and hybrid development transactions that involve management contracts.
- Confirm the framework for financing a new hotel within the framework of management/operating agreements and where the MAA would like to be on a spectrum of "lease and concession" versus "management" agreements. The compensation to be paid under any given model is best maximized through a competitive process or an independent appraisal process.
- Balance remaining economic life of BWI Four Points with facility concerns. BWI Four Points is a valuable asset that does have economic life beyond the current expiration date of the Lease Agreement. Developing a strategy for realizing the value of that asset before and after the scheduled expiration date of the Lease Agreement while ensuring the maintenance of a quality facility is essential to maximizing the return from hotel operations. Renegotiate Creative Inns lease to comply with a "best practices" approach to the deal. During such a negotiation process, numerous policy decisions would have to be made about core business provisions of the current business structure. More information is needed regarding the benefits of converting that property to another land use.

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This market analysis is intended to provide enplaning passenger estimates to be used as a basis to evaluate the demand for hotel rooms and services at BWI. The analysis will assist in determining supply and demand factors in the Airport lodging market and projecting the number of rooms that might be supported. Market traffic will be projected to provide a basis for assessing potential hotel demand. A summary of the market analysis results is in the Table below:

		Hotel I	EXEC Market A	UTIVE SU BWI Airp nalysis Pa	oort		ary			
			LOW			MEDIUM			HIGH	
	2010	2016	2021	2031	2016	2021	2031	2016	2021	2031
Passengers (000's)		-					Market and American	ALTER ACTIVATION		
Enplanements	10,997	12,440	13,633	16,152	12,912	14,574	17,203	13,468	15,419	18,826
CAGR		2.1%	1.8%	1.7%	2.8%	2.5%	1.7%	3.5%	2.7%	2.0%
CAGR 2010-2031				1.8%			2.2%			2.6%
Connecting	2,629	3,234	3,817	4,846	3,873	4,809	6,021	4,444	5,397	7,154
Connecting %	23.9%	26%	28%	30%	30%	33%	35%	33%	35%	38%
Originating	8,368	9,205	9,816	11,306	9,038	9,764	11,182	9,024	10,022	11,672
CAGR 2010-2031	5		0	1.5%			1.5%			1.7%
Other Air Traffic										
Departures	376	383	404	437	394	426	462	406	440	48
Seats per Departure	122.5	127.3	131.0	137.9	128.0	131.9	138.7	129.0	134.1	140.8
Non-Stop Cities	75	75	75	79	75	79	84	78	82	8

Given the overall uncertainties in the aviation industry, and the added issue of the Southwest/AirTran merger, three different scenarios have been developed to provide a range of potential hotel market sizes over the next twenty years. The combination of Southwest and AirTran traffic in calendar year 2010 represented approximately 70% of BWI Airport enplanements. Therefore, the direction Southwest takes in adding or maintaining service as a result of the merger will have a significant impact on enplanements and hotel demand at BWI Airport.

The BWI market analysis is presented as follows:

- Current BWI Airport market
- Proposed scenarios
- Development of market size projections
- Schedules and operations

# 1.0 CURRENT MARKET

In the period 2006 through 2010 the aviation industry has not been particularly robust. Total United States originating passenger traffic (true demand, independent of connections driven by airline schedules) declined at an average annual rate of 1.3%, and total enplanements (taking into account additional passenger boardings driven by connecting routings) declined at an average annual rate of 0.9%, At BWI Airport, traffic was stronger, with originations over that period declining at an average rate of only 0.1% per year, and enplanements increasing at an average annual rate of 1.5% annually. **Table 1.1** presents this activity.

	US	Total	BWIA	Airport	<b>BWI</b> Airport	Share of US
CY	Origin	EPs	Origin	EPs	Origin	EPs
2006	503,801,200	736,933,560	8,392,320	10,342,883	1.67%	1.40%
2007	509,271,270	761,133,342	8,450,330	10,527,954	1.66%	1.38%
2008	489,392,190	732,297,287	8,267,100	10,251,860	1.69%	1.40%
2009	465,085,520	695,659,592	8,258,350	10,496,842	1.78%	1.51%
2010	478,876,430	711,528,193	8,367,960	10,996,713	1.75%	1.55%
CAGR	(1.3)%	(0.9)%	(0.1)%	01.5%		

As a result of the Airport's stronger growth over this period, BWI Airport's share of US traffic increased in both measures, from 1.67% to 1.75% for originations, and from 1.40% to 1.55% in enplanements.

This performance is driven somewhat by the economy over the 5-year period. From 2006 through 2010, Woods & Poole Economics of Washington, DC estimates that United States population has increased, but that employment, total personal income, and per capita personal income have all declined. In the Baltimore-Towson Metropolitan Statistical Area, which is served by BWI, the economy has fared better. This is demonstrated in **Table 1.2** below.

	Tab	le 1.2				
	BWI	Airport				
Nation	nal and Loc	al Socioeco	nomics <sup>1</sup>			
		US TOTAL		BALTIMO	DRE-TOWS	ON MSA
	2006	2010	CAGR	2006	2010	CAGR
Population (000)	298,593	310,009	0.94%	2,650	2,691	0.39%
Employment (000)	176,125	174,063	(0.29)%	1,630	1,639	0.14%
Per Capita Personal Income 2005 \$ (PCPI)	36,691	35,336	(0.94)%	42,079	43,928	1.08%

1. Woods & Poole Economics – 2011

2. Baltimore-Towson MSA is comprised of the Maryland counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, Queen Annes, Baltimore (Independent City).

The Baltimore-Towson MSA's population has grown more slowly that the US, 0.39% annually versus 0.94%. However, employment, total personal income and per capita personal income in the MSA have grown at a positive rate, while these economic measures have declined in the US overall. This economic performance supports BWI Airport's stronger originating traffic versus the US.

BWI Airport's enplanement traffic has increased while the US has not as a result of BWI's increase in connecting traffic. Connecting traffic is passenger traffic that neither initiates a trip at BWI, nor terminates there. Connecting traffic is simply connecting from one plane to another on the way to the passenger's ultimate destination. **Table 1.3** demonstrates that connecting traffic has increased from 18.9% of its enplanements to 23.9% from 2006 through 2010. This is due largely to Southwest's use of BWI Airport as a

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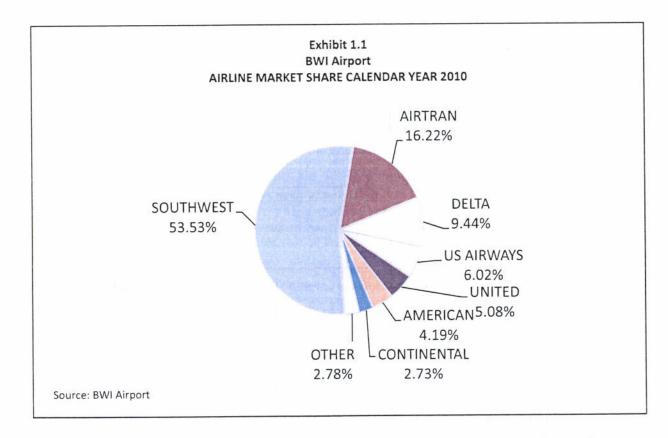
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connecting point. Over time, Southwest has started timing its arrivals and departures to support more connecting traffic. **Exhibit 1.1** shows calendar year 2010 airline shares of traffic at BWI Airport.

			Table 1.3 3WI Airport necting Percenta	ge <sup>1</sup>
	CY	Origin	EPs	Connecting %
	2006	8,392,320	10,342,883	18.9%
	2007	8,450,330	10,527,954	19.7%
	2008	8,267,100	10,251,860	19.4%
	2009	8,258,350	10,496,842	21.3%
8	2010	8,367,960	10,996,713	23.9%



The merged Southwest/AirTran operation represents 70% of passenger traffic at BWI. The next largest carrier is Delta with 9%, followed by the combined United/Continental operation at 8%. Southwest uses BWI to connect passengers, while the other carriers primarily serve their respective hubs

Southwest and AirTran do not operate any flights on regional aircraft; nor does JetBlue. However, United/Continental, US Airways, and American have all transitioned operations on large jets to regional aircraft over the last several years.

Passenger Market Analysis

United has gone from 17% regional operations to 28%, Continental has gone from 0% to 34%, and American has gone from 27% to 36% in the 2006 to 2010 period. The transition leveled off in 2010 from 2009. This is because the primary growth carriers at BWI from 2009 to 2010 have been Southwest/AirTran and JetBlue, which do not use regional aircraft at BWI Airport. This accounts for the trends in regional aircraft share of operations shown in **Table 1.4**.

LARGE VS	Table 1.4 BWI Airport . REGIONAL AIRCRAFT SHA	RE OF OPERATIONS <sup>1</sup>	
CY	Large Jets	Regional Aircraft	
2006	89.9%	10.1%	
2007	88.9%	11.1%	
2008	88.3%	11.7%	
2009	86.5%	13.5%	
		13.6%	

The March 2012 OAG schedule lists BWI Airport as having non-stop service to 75 points. 7 of these points are international; Aruba, Cancun, London, Montego Bay, Nassau, Rome and Toronto. Southwest/AirTran serves Aruba, Cancun, Montego Bay, and Nassau. Air Canada serves Toronto with its regional partner, Jazz. British Airways serves London, and Vision Airlines is proposing service to Freeport.

# 2.0 SCENARIOS

Three different scenarios were developed for the hotel market analysis. This was done because the many uncertainties in the industry today make it difficult and risky to conduct analysis without considering a range of alternatives. Airport representatives were contacted for their input on expectations regarding potential service changes by incumbent carriers. Among the factors contributing to uncertainty about the aviation industry future are:

- Evolution of the aviation industry
- Financial condition of carriers
- Carrier merger activity
- State of the economy

The aviation industry has drastically altered its thinking about the future over the last few years. Prior to 2001 the philosophy in the industry was that a carrier had to grow continuously to survive. Many carriers strove to serve as many points as possible, often serving multiple airports in a single city, such as Chicago (ORD and MDW), Houston (IAH and HOU), Dallas/Fort Worth (DFW, DAL), San Francisco (SFO, OAK, SJC), Baltimore/Washington (BWI, IAD, DCA) and multiple airports in the Los Angeles area and in Southern Florida. Carriers began using regional partners and regional aircraft extensively to feed traffic from small cities into hubs. Yield management techniques were refined and a plethora of low fares were offered on a limited number of seats to fill the ever-expanding capacity of carriers.

When the economy declined following 2001, air travel demand began to slow its growth and it became necessary to offer low fares on an expanding number of seats to fill aircraft. With increases in fuel costs these lower fares became less and less able to cover operating costs. Labor costs could no longer be

reduced to balance carriers' financial sheets and bankruptcy became a common solution for a number of carriers. Mergers between large, established carriers occurred, whereas previously mergers had concerned themselves with large carriers picking up smaller, regional, upstart operations.

With the mergers came the inevitable reductions in capacity to eliminate service duplications, and to rid the carriers of fuel-inefficient aircraft. As capacity was reduced to be more in line with demand, the need to lower fares to fill the "last few remaining seats" went away. Now, the industry is faced with lower demand due to the economy and higher fares, and reduced capacity.

The tendency in the industry to grow for the sake of growing has ended. Carriers are now carefully rationalizing their route structures and matching their capacity more carefully to market demand. The different directions that all of these factors might take in the future serve as the basis for different assumptions in the scenarios.

# 2.1 Scenario Methodology

Conversations with Airport staff provided input on expectations for the most likely service actions by incumbent carriers in the near future. Discussions also included staff thoughts on possible carrier activities in the longer term. This input was combined with information on likely carrier activity based upon each carrier's press statements, current financial condition, common patterns of schedule development, and expectations regarding industry growth to develop scenarios.

**Table 2.1** outlines the assumptions behind development of the schedules and passenger estimates for each of the three scenarios. The specific markets identified for additional frequency were identified by reviewing recent load factors in these markets. New market additions were guided by the size and growth of specific markets, and how these markets might fit in with the existing route structures of the respective carriers. While these might not be exactly the markets receiving incremental frequency, or the new markets added, the overall size of the schedules and passenger volumes estimated reflect what would have to happen at BWI to achieve a size that would be reasonable given expected BWI growth and expected industry growth.

# 2.2 Schedule Development by Carrier

This section outlines how the schedules evolved, and the resulting passenger volumes.

#### Southwest (includes AirTran)

Southwest grows at BWI Airport in all scenarios by:

- Upgrading equipment from 124/137 seat equipment to 175 seat 737-800s
- Increasing frequency in markets with high load factors
- Adding new markets

#### Delta

Delta is the second largest carrier at BWI Airport. Its non-stop service is to its hubs, and to feed its international service at JFK. Delta's changes in service involve:

- Replacing older equipment (MD-88, MD-90, DC-9) with newer (A320, 737-700 and 737-800)
- Increasing frequency in markets with high load factors
- Adding new markets

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		Table 2.1	
		BWI Airport	
	-	.ow, Medium, and High Scenario Evolution	
		Page 1 of 3	
Carrier	High	Medium	Low
Southwest	In addition to changes in MEDIUM scenario:	In addition to changes in LOW scenario:	Base departures: 2011: 254/day
		Add frequencies due to high load factors	Equipment:
	<ul> <li>2016: ABQ, DAL (both sooner)</li> </ul>	<ul> <li>ZUIE: AUS, GSP, HSV, LIT, OKC</li> </ul>	All 737-500 gone by 2016
	<ul> <li>2021: DAL, PIT, SRQ</li> </ul>	New markets beyond LOW scenario	<ul> <li>All 737-300 gone by 2021</li> </ul>
	<ul> <li>2031: DAL, DEN, LAX, SAN, SJU, ATL</li> </ul>	<ul> <li>2021: PDX, OMA</li> </ul>	<ul> <li>737-800 arriving in 2016, many by 2021</li> </ul>
	New markets beyond MEDIUM scenario	<ul> <li>2031: MEX, ACA</li> </ul>	DFW becomes DAL
	<ul> <li>2016: SMF, MEX, ACA sooner</li> </ul>	Upgrade capacity by adding 737-800	Add frequencies due to high load factors
	<ul> <li>2031: OAK</li> </ul>	Departures/day:	<ul> <li>2016: DAL, LAS, LAX, SAN, SAT, SLC</li> </ul>
	Departures/day:	<ul> <li>2016: 268</li> </ul>	<ul> <li>2021: ABQ, DAL, MSY, SEA, EWR, HOU, MCI, SFO</li> </ul>
	<ul> <li>2016: 277</li> </ul>	<ul> <li>2021: 286</li> </ul>	<ul> <li>2031: CHS, CLE, DTW, SFO, DAL, LAS, LAX</li> </ul>
	<ul> <li>2021: 300</li> </ul>	<ul> <li>2031: 305</li> </ul>	Only 1 new market: Spokane (GEG)
	<ul> <li>2031: 321</li> </ul>		Departures/day:
			• 2021: 273
			<ul> <li>2031: 287</li> </ul>
Delta	In addition to changes in MEDIUM scenario: Add more frequencies	In addition to changes in LOW scenario: Some capacity upgrade with 737-800	Base departures: 2011: 33/day Equipment:
	<ul> <li>2031: More SLC</li> </ul>	New markets beyond LOW scenario	<ul> <li>MD-88, MD-90, DC-9 gone by 2016</li> </ul>
	Departures/day:	<ul> <li>2021: LGA, CDG</li> </ul>	<ul> <li>A320, 737-700 come in</li> </ul>
	<ul> <li>2016: 35</li> </ul>	<ul> <li>2031: SLC</li> </ul>	MEM gone 2016
	<ul> <li>2021: 38</li> </ul>	Departures/day:	Add frequencies due to high load factors
	<ul> <li>2031: 44</li> </ul>	• 2016: 32	Add, due to high load factors
		<ul> <li>2021: 38</li> </ul>	<ul> <li>2016: CVG, DTW</li> </ul>
		<ul> <li>2031: 42</li> </ul>	<ul> <li>2021: CVG, JFK</li> </ul>
			<ul> <li>2031: MSP</li> </ul>
			Upgrade capacity with larger equipment in some
			markets
			Departures/day:
			• 7010: 32
			• 2021: 34
			• 2031:36

		Table 2.1	
		BWI Airport	
	Lo	Low, Medium, and High Scenario Evolution	
•		Page 2 of 3	
Carrier	High	Medium	LOW L
United/	In addition to changes in MEDIUM scenario:	In addition to changes in LOW scenario:	Base departures: 2011: 16/day
Continental	Upgrade some UKU and LLE to mainline	upgrade capacity with larger equipment m	<ul> <li>Not much evolution stav with &amp;319_4320</li> </ul>
	Add Trequencies que to high loau ractors	some markets No additions hevond LOW scenario	nuclination evolution, stay with house, reach new 737-800 coming in
	• 2031: DEN Denarturec (dav:		Regionals move to 0400(DH4)
	orepartures/ uay. ● 7016-27	• 2016: 27	ORD back to big aircraft 2021-2031
	• 2021: 30	<ul> <li>2021: 30</li> </ul>	Add frequencies due to high load factors
	• 2031: 35	<ul> <li>2031: 34</li> </ul>	<ul> <li>2016: CLE</li> </ul>
			<ul> <li>2021: EWR, HOU, LAX</li> </ul>
			<ul> <li>2031: CLE, EWR, HOU</li> </ul>
			Upgrade capacity with larger equipment in some
			markets
			Departures/day:
			<ul> <li>2016: 27</li> </ul>
			<ul> <li>2021: 30</li> </ul>
			<ul> <li>2031: 34</li> </ul>
US Airways	In addition to changes in MEDIUM scenario:	In addition to changes in LOW scenario:	Base departures: 2011: 27/day
•	Upgrade regional aircraft to larger regionals	2016 minimal difference LOW scenario	Equipment
	Add frequencies due to high load factors	Upgrade capacity with larger equipment in	<ul> <li>737-400 become A320 in 2016</li> </ul>
	• 2031: PHX	some markets	<ul> <li>Dash aircraft become CRJ in 2021</li> </ul>
	Departures/day:	Departures/day:	LAS gone
	• 2016: 27	• 2016: 27	Add frequencies due to high load factors
	• 2021: 27	<ul> <li>2021: 27</li> </ul>	<ul> <li>2031: CLT</li> </ul>
	• 2031:32	<ul> <li>2031: 30</li> </ul>	Upgrade capacity with larger equipment in some
			markets
			Departures/day:
			<ul> <li>2016: 27</li> </ul>
			<ul> <li>2021: 27</li> </ul>
			<ul> <li>2031: 30</li> </ul>

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	Lo	Table 2.1 BWI Airport .ow, Medium, and High Scenario Evolution	
Carrier	High	Page 3 of 3 Medium	, wo
American	In addition to changes in MEDIUM scenario: Upgrade some ORD to 737-800 from regionals Departures/day: • 2016: 16 • 2031: 18 • 2031: 18	In addition to changes in LOW scenario: Add frequencies beyond LOW additions • 2016: ORD Departures/day: • 2016: 16 • 2031: 17 • 2031: 18	<ul> <li>Base departures: 2011: 15/day</li> <li>Equipment</li> <li>MD-88, MD-90 become 737-800 by 2016</li> <li>MD, JFK still regionals through 2031, upgrading from ERJ to CR7 &amp; CR9 over time Add frequencies due to high load factors</li> <li>2021: MIA</li> <li>2021: MIA</li> <li>2031: MIA</li> <li>2031: MIA</li> <li>Upgrade capacity with larger equipment in some markets</li> <li>2016: 15</li> <li>2021: 16</li> </ul>
JetBlue	In addition to changes in MEDIUM scenario: New markets beyond MEDIUM • 2031: 2 LGB Departures/day: • 2016: 8 • 2021: 12 • 2031: 14	In addition to changes in LOW scenario: Upgrade capacity in some markets with A320 for E90 New markets earlier that in 2016 LOW • 2016: FLL • 2016: SRQ Departures/day: • 2016: 8 • 2031: 12 • 2031: 12	<ul> <li>2031: 17</li> <li>2031: 17</li> <li>Base departures: 2011: 5/day Equipment: Upgrade capacity in Boston with A320 for E90 on some frequencies</li> <li>New markets</li> <li>2016: PUJ</li> <li>2016: PUJ</li> <li>2021: FLL</li> <li>2021: FLL</li> <li>2031: SRQ</li> <li>Departures/day:</li> <li>2016: 6</li> <li>2031: 12</li> </ul>
International (Not including Int'l service by carriers listed above)	In addition to changes in MEDIUM scenario: New markets • 2031: Lagos 5x/wk, Rome 5x/wk	In addition to changes in LOW scenario: New market • Condor to FRA - 2016: 2X/wk all year - 2021: 5X/wk summer, 2x/wk otherwise - 2031: 5x/wk	<ul> <li>BA continues to fly 767 to London daily through 2031</li> <li>Condor 2 per week through 2031</li> <li>Air Canada Jazz upgrades 37-seat DH1 to 70- seat CRJ through analysis period</li> </ul>

Passenger Market Analysis

# United/Continental

United/Continental is expected to grow at BWI primarily through upgrades to larger aircraft. The carrier will stay with the A319 and A320, and some upgrades to the new 737-800 are expected. Regional aircraft will transition to the Q400. There is some small increase in frequency across the different scenarios. No new markets are foreseen, as the carrier sticks with service with its hubs at BWI Airport.

#### **US Airways**

US Airways grows over the analysis period primarily through upgrades of equipment. The 737-400 aircraft transition to A320 starting in 2016 for a small increase in capacity. The Dash equipment upgrades to larger CRJ regional jets. No new markets are added by US Airways in any of the scenarios.

#### American

American grows through equipment upgrades and very slight frequency increases. By 2016 the MD-88 and MD-90 equipment will transition to the 737-800. Some regional jets will be upgraded to larger regional jets.

#### JetBlue

JetBlue currently serves only Boston from BWI Airport with 5 departures per day. This carrier is the newest entrant, and the expectations in all scenarios are that JetBlue will grow, in terms of new markets and frequencies. In some cases they will also grow by upgrading equipment from the 100-seat ERJ 190 to the 150-seat A320, which will be coming on line in 2012.

#### International

The International section in **Table 2.1** refers to carriers besides Southwest and Delta, which have added international service in some scenarios, and which was discussed earlier. British Airways is expected to remain stable at one departure daily in all scenarios throughout the analysis period.

Departures on the typical day of the peak month in the three scenarios by carrier are presented in Table 2.2.

		Typical	Day Depa	l Intures f	Table 2.2 BWI Airpo or Low, M	rt	ıd High S	icenarios			
				LOW		Ν	AEDIUM	1	_	HIGH	
Corrig	-	2011	2016	2021	2031	2015	2021	2031	2016	2021	2031
Carrie		9	9	9	14	9	9	14	9	9	14
Cape Air	9K	15	15	16	17	16	17	18	16	17	18
American	AA	5	5	5	5	5	5	5	5	5	
Air Canada	AC		6	8	12	8	12	12	8	12	14
JetBlue	B6	5	1	1	1	1	1	1	1	1	
British	BA	1	-	15	19	13	15	19	13	15	1
Continental	CO	12	13	34	36	32	38	42	35	38	4
Delta	DL	33	32	54 15	30 15	14	15	15	14	15	1
United	UA	14	14		30	27	27	30	27	27	3
US Airways	ŲS	27	27	27		268	286	305	277	300	32
Southwest	WN	254	261	273	287	200	200	1	1	1	
Other Int'l	int'l	<u>1</u>	<u>1</u>	<u>1</u>	1	<u>ا</u>	±	± 462		440	48
	Total	376	384	404	437	394	426	402	400	440	

# 2.3 Operations

Total annual operations at BWI Airport were calculated based upon the typical day departures schedules developed for each scenario. Because of FAA reporting conventions, historical data on the exact number of air carrier, major and regional, operations is not available. The FAA reports "Commercial Air Carrier" operations and "Air Taxi" operations. Flights are allocated to these categories depending upon the operating certificate held by the operator of the flight, and sometimes the number of seats on the aircraft. Some commuter flights are in the "Commercial Air Carrier" category and some are in the "Air Taxi" category. The "Air Taxi" category also includes flights by some non-airline operators certified to carry passengers. So, the total operations estimate included in the passenger market analysis for hotel demand include some operations flown by other than the airlines discussed here. However, the operations estimates for the scenarios are consistent with the operations reported for BWI by the FAA.

The historical statistical relationship between the typical day schedule for July 2010 and July 2009 and their respective total annual operations was calculated. This relationship was used to explode the departures in the projected schedules to total annual "Commercial Air Carrier" plus "Air Taxi" operations. **Table 2.3** presents annual operations, and the implied seats per departure. Seats per departure increase from 122.5 in the July 2011 schedule in all of the scenarios. Over time, new aircraft tend to be larger than the aircraft they replace, in both the large and regional aircraft categories.

	i i	alendar Ye	ar Operatio	Table 2 BWI Airp ons – Comr	oort	Carriers &	Air Taxi		
		LOW			MEDIUM			HIGH	
	2016	2021	2031	2016	2021	2031	2016	2021	2031
Annual	-			(*************************************					
Operations	268,351	283,064	306,186	276,058	298,479	323,702	284,466	308,288	341,219
Seats per									

# 2.4 Fleet Mix

The fleet mix that results from the schedules developed above is presented in **Table 2.4**. In the July 2011 schedule, 83.8% of the passenger operations were large jet aircraft, and 16.2% were regional jets, turboprops or prop aircraft. In all of the forecast scenarios, the regional aircraft share falls below the 16.2% experienced in July 2011. This is because most of the additional flights added are on Southwest Airlines, which does not fly regional-size aircraft. Some regional flights are added to carriers that currently fly such equipment, especially in the last year of the projections. Carriers such as American and Delta, which serve primarily their hub cities from BWI, add frequencies on larger regional aircraft in the 2031 time frame.

# 3.0 PASSENGER MARKET ANALYSIS

BWI origin and destination traffic and enplanements, were compared to the socioeconomics of the area to establish statistical relationships that could be used to estimate traffic levels in the future. Regression analysis was done to relate originating traffic and enplanements to service area population, employment, total income, and per capita income. Different statistical approaches were attempted to account for the effects of the September 11, 2001 disruptions in air traffic, and the introduction of increased service by Southwest and AirTran over the past fifteen years.

The relationships identified using all of these statistical approaches were not statistically significant enough to be relied upon for projections. This lack of significant relationships is most likely due to the fact that, over

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Mary A. Lynch

				Table 2.4 BWI Airport							
			2	Fleet Mix							
				NON		2	MEDIUM			HIGH	
	Equipment Type	Aircraft Category	2016	2021	2031	2016	2021	2031	2016	2021	2031
763	BOEING 767-300	WIDE BODY	0.26%	0.25%	0.23%	0.25%	0.23%	0.22%	0.25%	0.23%	0.21%
330	AIRRUS INDUSTRIF A330	WIDE BODY	0.00%	0.00%	0.00%	0.00%	0.23%	0.22%	0.00%	0.23%	0.62%
767	ROFING 767	WIDE BODY	0.26%	0.25%	0.23%	0.25%	0.23%	0.22%	0.25%	<u>0.23%</u>	0.21%
2		Subtotal	0.52%	0.50%	0.46%	0.51%	0.70%	0.65%	0.49%	0.68%	1.03%
	CCC A TIOTOLOGIA STRONG		1 30%	1.24%	1.60%	1.27%	1.17%	1.52%	1.23%	1.14%	1.44%
321	AIRBUS INDUCIAIE ASZI POEINIE 767-200	NAROW BODY	0.52%	0.50%	0.46%	0.76%	0.47%	0.43%	0.74%	0.45%	0.62%
7C/		NAROW BODY	6.77%	14.85%	30.43%	7.12%	15.26%	31.17%	9.36%	18.18%	33.06%
000		NAROW BODY	7.03%	6.68%	7.32%	7.38%	7.28%	6.93%	7.14%	7.50%	7.39%
	-	NAROW BODY	11.46%	0.00%	0.00%	10.18%	%00.0	0.00%	9.85%	0.00%	0.00%
522		NARROW BODY	55.21%	59.41%	42.79%	56.23%	58.92%	43.07%	55.17%	57.27%	41.48%
210		NARROW BODY	1.56%	1.73%	1.60%	1.27%	<u>1.64%</u>	<u>1.52%</u>	1.23%	<u>1.59%</u>	<u>1.44%</u>
}	-	Subtotal	83.85%	84.41%	84.21%	84.22%	84.74%	84.63%	84.73%	86.14%	85.42%
F90	EMBRAFR 190	REGIONAL JET	0.78%	0.74%	0.69%	0.51%	0.70%	0.65%	0.49%	0.68%	0.62%
		REGIONAL JET	1.30%	2.48%	6.64%	1.27%	2.35%	6.28%	1.23%	2.27%	5.95%
575		REGIONAL JET	0.78%	0.50%	0.46%	0.76%	0.47%	0.43%	0.74%	0.45%	0.41%
52		<b>REGIONAL JET</b>	1.56%	1.49%	0.23%	1.78%	1.64%	0.43%	1.72%	0.68%	0.41%
	_	REGIONAL JET	1.04%	1.98%	1.37%	1.02%	1.88%	1.30%	%66`0	3.18%	1.23%
FRA		REGIONAL JET	0.78%	0.74%	0.00%	0.76%	0.70%	0.00%	0.74%	0.68%	0.00%
5 2		<b>REGIONAL JET</b>	1.04%	0.25%	0.00%	<u>1.02%</u>	<u>0.23%</u>	0.00%	<u>%66.0</u>	0.23%	0.00%
		Subtotal	7.29%	8.17%	9.38%	7.12%	7.98%	60.6	6.90%	8.18%	8.62%
DH4	1 DF HAVNLAND DHC8-400 DASH 80	TURBOPROP	2.34%	2.48%	2.75%	2.29%	2.35%	2.60%	2.22%	2.27%	2.05%
DH3		TURBOPROP	0.26%	0.25%	0.00%	0.25%	0.23%	0.00%	0.25%	0.00%	0.00%
DH1		TURBOPROP	1.30%	0.74%	0.00%	1.27%	0.70%	0.00%	1.23%	0:68%	0.00%
DH8		TURBOPROP	<u>2.08%</u>	<u>1.24%</u>	0.00%	<u>2.04%</u>	<u>1.17%</u>	0.00%	1.97%	0.00%	0.00%
		Subtotal	5.99%	4.70%	2.75%	5.85%	4.46%	2.60%	5.67%	2.95%	%50.2
CN	CNA CESSNA (LIGHT AIRCRAFT)	PROP	2.34%	2.23%	3.20%	2.29%	2.11%	<u>3.03%</u>	2.22%	<u>2.05%</u>	2.87%
		Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	%n0.001	%/00/00T	WON'DOT
		Total Large Jet	84.38% 15 62%	84.90% 15 10%	84.67% 15 33%	84.73% 15 27%	85.45% 14.55%	85.28% 14.72%	85.22% 14.78%	86.82% 13.18%	86.45% 13.55%
			N CD CT	a/07.07		2 17 17 1					

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the past several years, Southwest has established more hubbing activity at BWI. Growth in traffic there has been related to the increase in scheduling activity by Southwest, and its taking advantage of the connecting possibilities that this schedule growth offered. Also, AirTran's entry into the BWI market and its rapid growth also caused activity at BWI Airport to increase beyond what simple socioeconomic activity would historically indicate.

# 3.1 Passenger Market Projections

Given this lack of a statistically significant historical relationship between traffic at BWI and socioeconomic activity in the area, projections of passenger activity by market for the hotel analysis were developed using expectations of schedule growth by carrier. Historical activity by carrier and by market was reviewed. Historical load factors by market were examined. Where load factors were high, capacity was added to accommodate what would otherwise be unsatisfied demand over time.

The route structures and scheduling patterns of the carriers at BWI Airport were also analyzed. Where carriers had exhibited intentions to increase frequencies, capacity, or market coverage, these patterns were followed. Where carriers focused on a consistent pattern of service to hubs, those patterns were followed.

For each of the scenarios, for each of the analysis years of 2016, 2021, and 2031, a schedule was hypothesized by carrier, by market. Load factors by carrier were estimated using the seats in the July 2011 schedule by carrier and the MAA-reported enplanements by carrier. These load factors were expected to increase very gradually over the analysis period for each carrier. Using the schedules by carrier, by market, and by equipment type, load factors were applied to the seats, and enplaned passenger estimates by market for a typical day in July were developed to be used as a basis for the hotel demand analysis. The market source of the passengers is of import in the hotel demand analysis because passengers from different markets might have different propensities to require hotel accommodations.

The load factors for July are very high, as would be expected for the peak month of travel at BWI Airport. These July load factors were used to estimate passengers for a typical day in July. That typical July day was extrapolated to a monthly passenger estimate, and then an annual estimate based upon historical relationships of July passengers to annual passengers. The typical day was not simply multiplied by 365 to arrive at an annual estimate. The peak seasonality of the July month was taken into account. Therefore, it is not to be assumed that the load factors used in this analysis represent annual load factors for these carriers.

It should also be noted that the enplaned passenger number used to calculate the load factors was the Airport record number, which does not include any "through" passengers on-board the aircraft. A "through" passenger is one who stays on the aircraft while it is gated because that passenger came from an up line point in the aircraft's routing, and is destined for a down line point beyond BWI Airport. This "through" passenger does not get off the aircraft at BWI and so is neither a deplaned passenger nor an enplaned passenger. Also, this passenger is not a candidate for a hotel stay in the BWI Hotel Market Area. The enplanement estimates in this analysis for assessing hotel demand do not contain any "through" passengers. The July load factors used by carrier in the analysis are presented in **Table 3.1**.

Table 3.2 presents a summary of the passenger market analysis by carrier for 2016, 2021 and 2031, for each of the three scenarios.

At the bottom of the table the average annual growth of passengers from 2010 is included. The low scenario shows the passenger market increasing at 2.12% annually from 2010 through 2016, 1.85% from 2016 through 2021, and slowing to an average annual growth of 1.1% per year from 2021 through 2031. In the medium scenario, traffic grows at a rate higher than 2% throughout the analysis period. The high scenario has traffic increasing over 3% annually in the 2010 through 2016 period, 2.47% per year 2016

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				urgood N July Load						
			LOW			MEDIUM	1		HIGH	
Carrier	2010 est.	2016	2021	2031	2016	2021	2031	2016	2021	2031
Cape Air	31.1%	35.0%	37.0%	45.0%	37.0%	42.0%	47.0%	39.0%	44.0%	49.0%
American	86.9%	86.9%	86.9%	89.0%	86.9%	88.0%	89.0%	87.0%	88.5%	89.5%
Air Canada	65.1%	68.0%	68.0%	72.0%	68.0%	70.0%	73.5%	69.0%	71.0%	72.0%
Jet Blue	71.8%	71.8%	71.8%	75.0%	71.8%	72.5%	75.0%	72.3%	73.0%	74.5%
Continental	90.1%	90.1%	90.1%	92.0%	90.1%	90.5%	91.0%	90.1%	90.1%	92.5%
Delta	84.0%	84.0%	84.0%	89.0%	84.0%	86.0%	88.0%	85.0%	86.5%	88.5%
United	87.8%	87.8%	87.8%	92.0%	87.8%	89.0%	90.0%	88.0%	89.5%	90.5%
US Airways	84.6%	84.6%	84.6%	87.0%	84.6%	86.0%	86.8%	85.3%	86.5%	88.0%
Southwest	81.0%	83.0%	83.5%	87.6%	83.5%	84.5%	87.8%	83.8%	85.2%	90.0%
Int'l		65.0%	65.0%	75.0%	65.0%	70.0%	70.0%	65.0%	70.0%	70.0%

through 2021, and slowing to 2.02% annually 2021 through 2031. This reflects a scenario in which the economy recovers and many of the carriers expand markets and frequencies.

In order to assess how reasonable these market estimates are, the numbers were compared to the Federal Aviation Administration (FAA) Terminal Area Forecasts (TAF). The FAA annually develops forecasts for individual airports and for the United States as a whole. In **Table 3.3** on the following page, the market analysis estimates are compared to the FAA TAF forecast for BWI Airport, and they are compared to the FAA TAF US total forecast to evaluate the implications for BWI Airport as a share of the US total.

The next-to-last line in **Table 3.3** shows the percentage difference between the market analysis enplanement estimates and the FAA TAF forecasts for BWI. In 2010, actual BWI enplanements, as measured by the Airport, were 1.12% <u>above</u> the estimate developed by the FAA TAF for BWI. For all of the analysis years, the low and medium market analysis estimates are <u>below</u> the FAA TAF BWI forecasts for the comparable years, as indicated by the negative numbers in the next-to-last row of the table. In these two scenarios, BWI Airport is shown, in the last row of Table 3.3, to be a continually <u>declining</u> share of US total traffic, as forecast in the FAA TAF.

# 3.2 Passenger Connections

Early in the analysis of market demand for hotel rooms in the BWI Hotel Market Area, local origin/destination traffic was analyzed in an attempt to relate it to local socioeconomic variables. Measures from the service area comprised of the Baltimore-Towson Metropolitan Statistical Area were compared to O&D traffic to establish a statistical relationship between the measures of economic activity and air travel at BWI Airport. Population, employment, total income and per capita personal income were analyzed. No relationship with significant statistical validity could be established. Therefore, rather than projecting O&D traffic and then adding connecting passengers to assess the market size for hotel demand, total enplanements were projected based on assumptions regarding schedule activity by the various carriers. Given that most carriers besides Southwest serve, primarily, their respective hub cities, it is assumed that connecting passengers at BWI are largely Southwest passengers. Southwest is the carrier with service to a number of cities to which it can connect passengers over BWI Airport.

Mary A. Lynch

					Tab	Table 3.2							
					BWI	<b>BWI Airport</b>							
			Ca	Calendar Year Annual Enplanements by Carrier, by Scenario	nnual Enplan	nements by (	Carrier, by Sce	enario					
				LOW			MEDIUM			HDIH	H		
Carrier		2010	2016	2021	2031	2016	2021	2031	2016	2021		2031	
Cape Air	9K	8,950	8,645	9,880	17,291	9,139	10,374	18,059		9,633 1(	10,868	18,828	
American	AA	459,767	477,056	522,993	618,809	495,608	544,767	637,807	7 496,127		596,441	641,391	
Air Canada	AC	32,166	38,363	45,041	54,891	38,363	45,041	56,035	5 38,927		45,685	54,891	
JetBlue	B6	117,690	164,316	230,042	377,378	240,997	364,799	377,378	8 242,528		367,315	443,019	
British	BA	49,012	53,224	54,754	56,483	53,224	54,178			51,988 5;	52,333	56,483	
Continental	00	299,753	355,548	419,019	557,465	355,548	420,872	υ,	5 355,548	7	419,019	607,320	
Delta	DL	1,035,050	971,665	1,052,125	1,178,994	974,740	1,238,124	1,416,661	1 1,082,458		1,245,322 1,	1,511,073	
United	NA	557,416	491,001	529,553	620,590	507,600	536,844	601,099	9 508,807		582,437	.660,700	
US Airways	US	660,577	692,055	724,231	1,000,478	692,055	732,751	998,178	8 697,393		754,157 1,	1,092,485	
Southwest	MN	7,650,913	9,083,116	9,931,060 1	11,536,280	9,436,266	10,498,070	12,315,985	5 9,872,660	660 11,211,720		13,363,034	
Other Int'l	Int'l	22,881	18,252	19,656	21,060	18,252	26,460	49,140		18,252 2(	26,460	246,064	
Non-Sched	Other	74,059	86,473	94,768	112,278	89,753	101,306	119,582		93,620 10	107,182	130,867	
	Total	10,996,713 1	12,439,714 1	13,633,123 1	16,151,997	12,911,544	14,573,586	17,202,660	0 13,467,941	941 15,418,940		18,826,155	
		CAGR	2.12%	1.85%	1.71%	2.76%	2.45%	1.67%	3.48%	6 2.74%		2.02%	
					Ta	Table 3.3 BWI Airport							
		Com	Comparison of Market Analysis Passenger Projections with FAA Terminal Area Forecasts (TAF)	Irket Analysis	Passenger Pro	ojections wi	ith FAA Termi	nal Area Fore	casts (TAF)				
			Enpla	Enplanements									
	FAA TAF	2010	2016	2021	2031		Note: FAA TAF projections are for a fiscal year, while the market analysis	ojections are	for a fiscal y	/ear, while th	ne market a	inalysis	
	BWI	10,846,244	13,000,798	14,842,541	11 19,349,786	1	projections are for a calendar year. While in an individual year this would lead to	r a calendar y	ear. While	in an individu	ual year thi:	s would lea	ad to
	<b>US Total</b>	699,717,265	840,430,998	961,199,286	36 1,258,947,390		differences in the numbers, growth rates over time and changes in the BWI share	numbers, gro	wth rates o	ver time and	I changes in	n the BWI s	share
	CAGR		3.10%			2.74% of th	of the US total over time would not be materially affected by this.	er time would	I not be ma	terially affect	ted by this.		
				NON			¥	MEDIUM			HIGH		
		2010	2016	2021	2031		2016	2021	2031	2016	2021	2031	31
MARKET ANALYSIS BWI	YSIS BWI		12,439,714	13,633,123	16,151,997		12,911,544 14,	14,573,586 17	17,202,660	13,467,941	15,418,940	10 18,826,155	6,155
MARKET ANALYSIS vs. TAF	IS vs. TAF	1.12%	(4.32)%	(8.15)%		(16.53)%	%(69.0)	(1.81)%	(11.10)%	3.59%	3.88%		(2.71)%
MARKET ANALYSIS BWI	YSIS BWI												
SHARE C	SHARE OF US TAF	1.57%	1.48%	1.42%		1.28%	1.54%	1.52%	1.3/%	1.60%	T.60%		%nc.1

Baltimore/Washington International Thurgood Marshall Airport

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Passenger Market Analysis

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After total enplanements were estimated, connecting passengers were derived by looking at the behavior of connecting traffic at other airports where Southwest has a significant and dominant presence. Southwest represents over 60% of traffic at Chicago Midway, Houston Hobby, Albuquerque and Nashville. The highest connecting percentages currently experienced at these airports are 24.2% at Houston Hobby, and 33.8% at Chicago Midway. Connections currently represent approximately 24% of enplanements at BWI Airport.

Southwest has expressed an interest in structuring its schedule to accommodate more connections at BWI Airport. A range of potential connecting percentage was hypothesized for the scenarios in the hotel demand market analysis. A short turn time for aircraft at an airport is a characteristic of the Southwest operating model. Large connecting banks at an airport require turn times longer than Southwest's current average to allow time for connecting passengers to transit between flights, and for the potential of some flight delays in the connecting banks. It is assumed that Southwest will not stray from the short-turn-time philosophy in a significant way, and that connections will not increase to the level of percentages seen at hubs such as Atlanta, Dallas-Fort Worth or Chicago O'Hare. The connecting percentages hypothesized in the various scenarios, and the resulting connecting passenger volumes are presented in **Table 3.4**. The high scenario 2031 connecting percentage of 38.0% is approximately 5% above Chicago Midway Airport.

			Tab	ole 3.4					
			BWI	Airport					
		Connect	ing Passe	ngers (in	thousand	s)			
		LOW			MEDIUM			HIGH	
	2016	2021	2031	2016	2021	2031	2016	2021	2031
Enplanements	12,440	13,633	16,152	12,912	14,574	17,203	13,468	15,419	18,826
Connecting %	26.0%	28.0%	30.0%	30.0%	33.0%	35.0%	33.0%	35.0%	38.0%
Connecting Passengers	3,234	3,817	4,846	3,873	4,809	6,021	4,444	5,397	7,154

#### 3.3 Passenger Peaking

In order to make the market analysis projections potentially useful for other analysis, an estimate of enplanements in the peak hour of the average day of the peak month (ADPM) was developed. The peak month at BWI Airport was July in five of the last six years, with 9.7% of annual enplanements. On the average day of the peak month, 1/31 of peak month enplanements occur.

The peak hour percentage of passengers for the average day of the peak month was calculated using the schedule. For each year, the number of departing seats was calculated by hour. It was assumed that the peak for enplaned passengers would correspond to the peak hour for seats in the schedule. The peak hour for seats in 2011, and in all of the scenario years, was the 8:00 AM to 9:00 AM hour. In each year, in each scenario, the percentage of seats in the 8:00 AM to 9: AM hour was calculated, and applied to the ADPM passenger market analysis estimate for that year/scenario. The results are presented in **Table 3.5**.

			Та	able 3.5						
			BW	Airport						
Pass	enger Pea	aking – Pe	ak Hour o	of the Ave	erage Day	of the Pe	ak Month	ı		
								UICH.		
	LOW				MEDIUM			HIGH		
	2016	2021	2031	2016	2021	2031	2016	2021	2031	
Enplanements (000)	12,440	13,633	16,152	12,912	14,574	17,203	13,468	15,419	18,826	
	Sound to the state of the state	9.2%	8.9%	9.5%	9.4%	8.7%	9.4%	8.9%	8.2%	
Peak Hour % of Day	9.5%	9.270	0.570	0.0.0						

# ATTACHMENT B

### HOTEL MARKET ANALYSIS

# MARKET ANALYSIS - DEMAND FOR LODGING BALTIMORE/WASHINGTON INTERNATIONAL AIRPORT BALTIMORE, MARYLAND

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Date of Report January 17, 2012

**Prepared for:** 

LeighFisher 555 Airport Boulevard, Suite 300 Burlingame, CA 94010

Prepared by:

Ernst & Associates, Inc. 504 Sawmill Court Lincoln, CA 95648

# ERNST & ASSOCIATES, INC.

504 Sawmill Court, Lincoln, CA 95648 Tel 916-543-6290 Fax 916-543-6172 sernst992@gmail.com

January 17, 2012

Mr. Warren Adams Executive Director LeighFisher 555 Airport Boulevard, Suite 300 Burlingame, CA 94010

Reference: Market Analysis - Proposed Hotel(s) Baltimore/Washington International Thurgood Marshall Airport (BWI Airport) Baltimore, Maryland

Dear Mr. Adams:

In accordance with your request, Ernst & Associates, Inc. has prepared a market analysis in connection with the future demand for additional lodging facilities at the BWI Airport in Baltimore, Maryland. Further, we were asked to analyze two specific site locations in connection with their suitability for a proposed hotel: 1) The Airport Site and 2) The Amtrak Site.

Based on our research, we have concluded that there is market support for one, first-class 250-room hotel to be developed within the BWI Airport market area during the analysis period with a target opening year of 2015. We have estimated its utilization levels for its first ten years of operation and have made recommendations regarding the proposed hotel's facilities and amenities. We have determined that the Amtrak Site is not suitable for a hotel development at this time. The Airport Site is considered superior to the Amtrak Site and optimum for this development.

Our estimates of the number of rooms supportable in the market are summarized in the following chart, assuming both 75% and 80% area-wide occupancy levels.

				ed Suppor ort Primar						
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Supportable Rooms at 80% A/W*	-123	-67	-109	-50	10	71	134	198	263	329
Supportable Rooms at 75%A/W*	66	126	87	150	214	280	346	414	483	554

\*Assumed Area-Wide Occupancy Level Source: Ernst & Associates, Inc. LeighFisher January 17, 2012

#### Major Assumptions

This market analysis is subject to the following major assumptions and subject to the assumptions and limiting conditions included in the exhibits to this report.

- For purposes of our analysis, we have assumed that the Four Points Sheraton exists throughout the period of analysis, in spite of the Creative Inns lease upcoming expiration date.
- We have assumed that the proposed hotel discussed in this report will begin operation in January 2015 for purposes of this analysis. In addition, we have assumed that the proposed hotel will be competently managed by a well-established hotel company. The project will be affiliated with a national hotel company and have access to its reservation system.
- The proposed hotel's quality and service levels will be equal to, if not superior to the other firstclass, upscale hotels in the BWI Airport market area and aggressive program of advertising and sales promotion on a national, state, and regional level will be instituted at least one year prior to the project's opening and maintained throughout the analysis period.
- The proposed hotel's physical plant and appointments will be of first-class quality, and an adequate program of repair and maintenance will be instituted and maintained throughout the analysis period to ensure high-quality guest facilities at all times.
- The future additions to the lodging supply will not differ materially from the estimates in this report.
- Since the prospective utilization levels presented in the report are based on estimates and assumptions that are inherently subject to uncertainty and variation depending upon evolving events, we do not represent them as results that will actually be achieved.
- We have not been engaged to evaluate the effectiveness of prospective management, and we are not responsible for future marketing efforts and other management actions upon which actual results will depend.

On the following pages we have summarized our major findings, conclusions, and recommendations. We believe that our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice. This report is subject to the Statement of Assumptions and Limiting Conditions located at the conclusion of the report. It has been our pleasure working on this project.

Respectfully submitted, ERNST & ASSOCIATES, INC. By:

Auser L. Einst

Susan L. Ernst, ISHC President Certified General Real Estate Appraiser

Dianex Blalack

Diane Blalock Associate Certified General Real Estate Appraiser

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Ernst & Associates, Inc.

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# Exhibits

Exhibit A	Site Plans
Exhibit B	Smith Travel Research Lodging Trends Report
Exhibit C	Anne Arundel County New and Proposed Hotel List

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# INTRODUCTION

#### Identification of Project

BWI Airport management is considering the development of one or more lodging facilities at two proposed site locations: at the airport adjacent to the hourly parking garage (the Airport Site) and/or adjacent to the nearby Amtrak train station (the Amtrak Site). Accordingly, Ernst & Associates, Inc. was retained to assist the client in assessing the market support for additional lodging facilities and the suitability of each of the sites for a lodging development.

# Purpose, Intended Use, and Date of the Market Study

The purpose of this market analysis is to assess two potential sites to determine their suitability in connection with a hotel development(s). In addition, we were asked to identify how many additional guestrooms (and/or hotels) the market could support and to make recommendations regarding the hotel(s") final design. Finally, we estimated utilization levels for the proposed hotel's first five full years of operation.

The intended use of this market study is for the internal planning purposes of LeighFisher and the Baltimore International Airport management team. Use of this report by others is not intended by the consultants.

The date of this report is January 17, 2012. The sites were inspected by Ernst & Associates, Inc. on November 10 and 11, 2011.

#### Scope of the Market Study

This market analysis has been prepared in accordance with the Uniform Standards of Professional Appraisal Practice. The following paragraphs summarize the work tasks completed in connection with this study.

- An analysis to determine the sites' relative strengths and/or weaknesses with respect to accessibility, visibility, and proximity to major lodging demand generators;
- Identification of trends in the defined market area's economy that will enhance or detract from the sites' suitability for development;
- A review of the market area's economic and demographic factors affecting the present and future market potential for lodging facilities;
- An assessment and analysis of the market area's hotel facilities to determine market trends, market demand segments, occupancy characteristics, average daily room rates, and range of services available. Each of the primary segments of demand for lodging, Commercial Travelers, Group and Convention Delegates, and Leisure and Other Travelers were analyzed;
- An evaluation of existing and proposed hotels which could be directly competitive in terms of location, room rate structure, size and type of facilities and services, occupancy characteristics, and degrees of market success;
- An estimate of future supply and demand for the defined market area's lodging market and the number of new guest rooms that the market can support;

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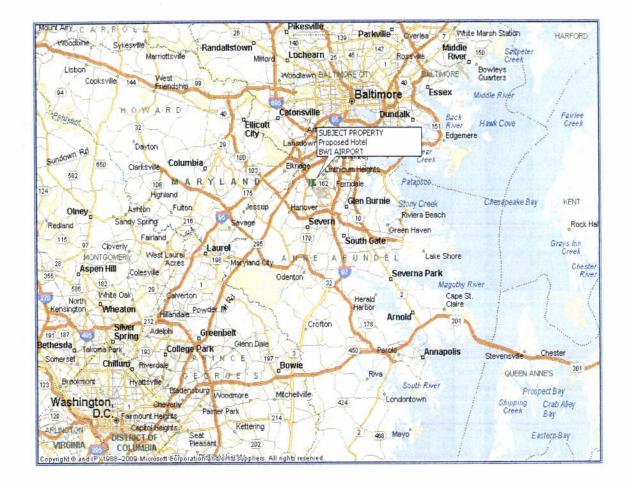
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- Recommendations regarding the optimum site location and facilities and amenities that will maximize a new hotel's development potential for success;
- Estimates of occupancy levels, average daily room rates, and market segmentation for the subject hotel's first five full years of operation; and,
- The preparation of this written report, summarizing our findings, conclusions and recommendations.

# AREA ORIENTATION MAP



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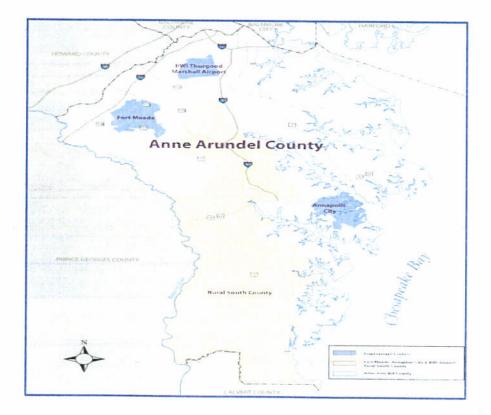
Ernst & Associates, Inc.

# AREA ANALYSIS

#### Anne Arundel County and BWI Airport Overview

The two sites under consideration are located at the BWI Airport in Anne Arundel County, Maryland. Anne Arundel County is bordered on the east by the Chesapeake Bay, on the north by Baltimore County and Baltimore City, on the west by Howard and Prince Georges County, and on the south by Calvert County. The county contains 418 square miles and has 508 miles of shoreline.

The following map provides a view of the county with several key locations depicted, including BWI Airport, Fort Meade, Annapolis and Chesapeake Bay.



BWI Airport is situated approximately 10 miles south of Baltimore and 30 miles northeast of Washington D.C. The airport is named after Thurgood Marshall, a Baltimore native and the first African American to serve on the Supreme Court of the United States.

In 2010, BWI Airport was ranked as the best airport of its size in the world by Airports Council International based on its 2009 Airport Service Quality survey. In 2010, BWI Airport was ranked the second airport in North America by Airport Council International – North America for "Best Food and Beverage Program."

The map on the following page provides an overview of the county's location when compared to Baltimore, Washington, D.C. and other nearby counties and states.

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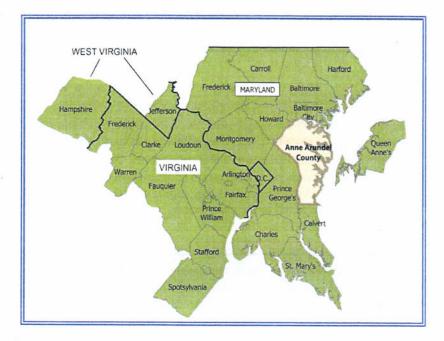
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#### Transportation

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Anne Arundel County is well served by its transportation infrastructure. In addition to the BWI Airport itself, the region has a substantial network of freeways, train and railway services, and two other airports. These key transportation factors are described in the following sections.

#### Freeway Systems

There are several major freeway networks that provide a vital link to the area's major metropolitan areas, including Baltimore and Washington, D.C. I-95 is the major interstate freeway that runs the length of the eastern seaboard, from Houlton, Maine at the Canadian border, to Miami, Florida. I-95 is also the major freeway system that connects Baltimore to Washington, D.C. BWI Airport is located approximately five miles east of I-95, and is connected to that freeway by I-195, which provides direct access to the airport.

To the east of BWI is I-97, another freeway that runs in a north/south direction and connects Baltimore to Annapolis, Maryland, approximately 28 miles southeast of Baltimore. I-695, also known as the Baltimore Beltway, encircles the central Baltimore metropolitan area.

#### Amtrak, MARC and Light Rail

BWI Airport is served by the BWI Rail Station which provides rail connection for passengers on the Northeast Corridor through Amtrak as well as commuter rail service via MARC. The light rail service trains connect directly to the BWI Airport terminal.

The BWI Rail Station is located on the airport complex, approximately one mile from BWI's main terminal. Amtrak provides a 20-minute train ride to the north to Baltimore's Penn Station, a 20 minute ride in the southerly direction to New Carrolton, and a 35-minute ride southwest to Washington, D.C.'s Union Station.

\* Amtrak's Northeast Corridor includes the Acela Express route, the Northeast

Regional and the Vermonter route, all of which have scheduled stops at the BWI Rail Station. The Acela Express route provides service between Washington, D.C. in the south through New York to Boston. The Northeast Regional route connects Virginia Beach, Washington, D.C., New York and Boston. The Vermonter begins in Washington, D.C., passing through various states including Maryland and New York, ending in St. Albans, Vermont.

BWI Airport became the first airport in the U.S. to be served by a dedicated intercity rail station which was constructed in 1980. A free shuttle bus runs between the station and airport terminal every 15 minutes, between 5:00 a.m. and 1:00 a.m. and every 25 minutes from 1:00 a.m. to 5:00 a.m.

The BWI Amtrak Station is ranked 16<sup>th</sup> of the 25 busiest stations in the United States. New York is ranked #1; Washington D.C. is ranked #2; and, Baltimore is ranked #8. The average annual growth rate in ridership between 2009 and 2011 is depicted in the chart below.

Year	BWI Amtrak	New York	Washington DC	Baltimore
2009	617,349	7,832,874	4,278,930	932,827
2010	654,151	8,377,944	4,572,878	926,245
2011	662,453	8,995,551	4,850,685	953,170
CAAG	3.6%	7.2%	6.5%	1.1%

- MARC (Maryland Area Regional Commuter) is a regional rail system that includes three lines in the Baltimore-Washington Metropolitan Area. The three lines include the Camden Line which runs between Washington, D.C. and Baltimore, the Penn Line which runs between Washington, D.C. and Perryville, Maryland on Amtrak's Northeast Corridor, and the Brunswick Line which travels from Washington, D.C. to Martinsburg West Virginia. MARC is strictly a commuter train and does not operate on weekends. With some equipment capable of reaching speeds of 125 miles per hour, MARC is considered the fastest commuter railroad in the United States.
- A light rail system serves the airport terminal at BWI Airport at the northern portion of the terminal itself. This rail serves the airport, downtown Baltimore and surrounding suburbs. There are essentially three lines which connect all areas to downtown Baltimore. One of the three lines is a shorter line that serves the downtown area only. A second line travels in a north/south direction from BWI Airport or Cromwell/Glen Burnie in the south to Hunt Valley, a northern Baltimore suburb. The third line travels in an east/west direction and connects Johns Hopkins University on the east, through downtown Baltimore to Owings Mills toward the west. In downtown Baltimore the system uses city streets, while in outlying suburbs the railways are situated on private rights-of-way. A popular use of the light rail system within the BWI Airport lodging market is for transportation to downtown Baltimore's Camden Park for Orioles games. Daily ridership in the fourth quarter of 2010 totaled 36,300.

#### **Baltimore Area Airports**

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The Baltimore metropolitan area and Anne Arundel County are served by BWI Airport, the subject of this market study. In addition, there are two other airports providing service for the greater Washington, D.C. area: Dulles International Airport and Ronald Reagan Washington National Airport. Summaries of each of the three airports are provided below.

BWI Airport is located south of Baltimore. Southwest Airlines recently built a new terminal at BWI Airport and offers flights at lower prices than some of its competitors. The MARC and Amtrak train station is nearby offering train service to Union Station in Washington, DC. BWI Airport is a test site for the Department of Homeland Security and is used to test new airport security screening methods.

BWI Airport's total enplanements and total passengers from 2005 through 2010 are presented in the chart that follows.

BWI Airport						
	2005	2006	2007	2008	2009	2010
Enplanements	9,865,928	10,342,883	10,527,954	10,251,860	10,496,842	10,996,713
Percent Change	-	4.8%	1.8%	-2.6%	2.4%	4.8%
Total Passengers	19,742,113	20,698,967	21,044,344	20,488,881	20,953,615	21,936,461
Percent Change	-	4.8%	1.7%	-2.6%	2.3%	4.7%

As shown in the chart above, BWI's total passenger counts increased each year between 2005 and 2007. As the nation's economic downturn began to take effect in 2008, enplanements decreased by 2.6%. In 2009, however, as many airports across the country continued to see decreases in passenger travel, BWI Airport posted a gain of 2.3%. By year-end 2010, enplanements grew by 4.7%, similar to the increase experienced in 2006.

Preliminary projections for 2011 year-end enplanements provided by BWI Airport indicate 11,150,000 by year-end. This compares to 10,996,713 in 2010, and represents an increase of 1.4%.

According to a November 8, 2011 article in the Baltimore Sun, a \$100 million expansion will be constructed in the central section of the terminal. Set to begin in 2012, the improvements involve a widening of Concourse C to accommodate new security screening equipment, adding a connecting corridor with moving sidewalks between the secure zones of Concourses B and C, and adding more security checkpoints for Concourses A and B. Completion of the project is expected in the summer of 2013.

#### Estimated Future Enplanements at BWI

Three scenarios were developed for enplanements at BWI Airport in 2016, 2021, and 2031 to support this market analysis and are presented in the following chart.

The state of the state	2016	2021	2031	CAAG*
Low	12,440,000	13,633,000	16,152,000	1.8%
Medium	12,912,000	14,574,000	17,203,000	2.2%
High	13,468,000	15,419,000	18,826,000	2.6%

Three scenarios are provided for each year: low, medium, and high, along with the compound average annual change.

As shown, enplanement projections on the low range indicate a compound average annual change of 1.8%, while the medium and high ranges show a 2.2% and 2.6% average annual change, respectively.

Dulles International Airport is located 26 miles west of Washington, DC in Chantilly, Virginia. The airport is about a 40 minute drive from downtown Washington, DC in non-rush hour traffic. Shuttle and taxi services provide transportation around the region.

Dulles International Airport's total passenger counts from 2005 through 2010 are presented in the chart below.

Total Passengers Dulles Internatio 2005 - 2010						
	2005	2006	2007	2008	2009	2010
Passengers	27,052,118	23,020,362	24,737,528	23,876,780	23,213,341	23,741,603
Percent Change	-	-14.9%	7.5%	-3.5%	-2.8%	2.3%

As shown in the chart above, Dulles International posted decreases in passenger travel between 2005 and 2010, with 2007 and 2010 being the only two years posting increases. In the last five years, the compound average annual percentage change at Dulles averaged a 2.6% decrease each year.

Ronald Reagan Washington National Airport, commonly known as National Airport, is located in Arlington County, Virginia and is the closest airport to downtown Washington, D.C. National Airport is the most convenient of the area airports for visitors staying in the heart of the city and residents who live in the downtown area. The airport is accessible by Metro. During rush hour, National Airport can be difficult to get to, especially from the suburbs of Maryland and Virginia. A short runway limits the size of the aircraft that fly in and out, with the largest being the 767. As a result, the airport only offers domestic flights and a few flights to Canada and the Caribbean.

# Population and Demographics

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According to the U.S. Census Bureau, Anne Arundel County experienced a 0.9% increase in population between 2000 and 2010. The population of Anne Arundel County and the state of Maryland are presented in the following table along with compound average annual change rates for 1970 through 2010.

Year	State of Maryland	Average Annual % Change	Anne Arundel County	Average Annual % Change
1970	3,922,399	_	297,539	1.000
1980	4,216,975	0.7%	370,775	2.2%
1990	4,781,468	1.3%	427,239	1.4%
2000	5,296,486	1.0%	489,656	1.4%
2010	5,773,552	0.9%	537,656	0.9%

As shown, the greatest proportion of the county's growth took place between 1970 and 1980. From 1970 through 2000 the population in Anne Arundel County grew at a faster annual average rate than that of the state. Growth rates have tended to slow since 2000 for both the state of Maryland and Anne Arundel County, yielding a compound average annual growth of 1.0% for the state and 1.5% for the county during the 40 year period.

Demographic trends provide a significant indication of the overall health and structural change within a region's economy. Population increases or decreases impact real estate values, for example. Population growth can lead to jobs growth and can also positively impact income levels and tax bases in counties and communities. Total population, employment, income data and taxable retail sales are provided for 2005 and 2010 in the chart below, as well as projections for 2015, 2020 and 2025.

	2005	2010	2015	2020	2025	CAAG*
Total Population	516,171	537,656	563,178	588,420	614,097	0.9%
Total Employment	345,711	353,608	374,560	402,131	430,780	1.1%
Per Capita Income	\$47,823	\$54,533	\$65,804	\$82,702	\$105,875	4.1%
Mean Household Income	\$124,958	\$129,558	\$132,812	\$140,949	\$152,614	1.0%
Total Retail Sales (millions)	\$8,352.767	\$7,945.907	\$8,992.006	\$9,831,016	\$10,756.96	1.3%

Source: Woods and Poole

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As shown in the chart above, while total population and employment figures are generally expected to grow by approximately 1.0% between 2005 through 2025, per capita income is expected to jump by 4.1% in the 20 year period, a sizable increase when compared to population growth.

#### Economy

The economic engines that fuel the economy of Anne Arundel County and the greater Baltimore metropolitan include transportation, federal government which includes government contractors, educational and medical research, and food production. The transportation sector is a major contributor to the area's economy due to the area's proximity to the Port of Baltimore and its related rail and trucking access. The port ranked 17th by tonnage in the U.S. in 2008. The second largest sector of the economy is the federal government and the related government contractors. This fairly large sector is related to the area's location near Washington, D.C. It encompasses technical and administrative jobs for the defense/aerospace industry and bio-research laboratories, as staffing of satellite government headquarters in the suburban well as Baltimore/Washington area. The third sector is the educational and medical research institutions that are located in the area, including Johns Hopkins University and its medical research facilities. These facilities are now the largest single employer in the downtown Baltimore area. Altogether, white collar technical and administrative workers comprise 25% of Maryland's labor force, attributable in part to sections of the area being part of the Washington Metro Area where the federal government office employment rate is relatively high. The fourth sector, food production, is related to commercial fishing in Chesapeake Bay as well as agricultural areas beyond the greater Baltimore metropolitan area.

The largest employers in Anne Arundel County are included in the following table:

Government/Public Employers	Estimated # of Employees	Product/Service
Fort George G. Meade	55,365	Dept. of Defense
Anne Arundel County Public Schools	14,000	Public Education
BWI Airport	9,717	Regional Airport
State of Maryland	9,577	State Government
Anne Arundel County Government	4,163	Local Government
U.S. Naval Academy	2,340	Fed'l Naval Education
U.S. Postal Service	650	Mail Service
City of Annapolis	550	Government Services
Private Sector Employers	Estimated # of	Product/Service
	Employees	
Northrup Grumman	7,500	HDQT, Electronic Systems
Southwest Airlines	3,200	Airline
	2,800	Hospital
Anne Arundel Health System	2,650	Hospital
	2,030	
Baltimore Washington Medical Center	2,100	Info Assurance
Baltimore Washington Medical Center Booz Allen Hamilton		Info Assurance Info Technology
Baltimore Washington Medical Center Booz Allen Hamilton CSC	2,100	
Baltimore Washington Medical Center Booz Allen Hamilton CSC Allegis Group	2,100 1,829	Info Technology
Anne Arundel Health System Baltimore Washington Medical Center Booz Allen Hamilton CSC Allegis Group ARINC Lockheed Martin	2,100 1,829 1,500	Info Technology HDQT, IT, Telecomm.

Ernst & Associates, Inc.

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In addition to the major employers listed above, other large companies in the county include Raytheon, General Dynamics and Boeing.

The area's largest employer, Fort George G. Meade, is located less than ten miles south of BW1 Airport. Situated midway between Baltimore, Annapolis and Washington, D.C., the Fort's primary mission is to provide a wide range of services to 95 partner organizations from the Army, Navy, Air Force, Marines and Coast Guard. In addition, several federal agencies are served by Fort Meade, including the National Security Agency, the U.S. Army Recruiting Command, the Defense Information School, the Defense Courier Service, the U.S. Army Field Band, and most recently the U.S. Cyber Command.

Fort Meade is situated on 5,067 acres and is located near the communities of Odenton, Laurel, Columbia and Jessup. The Fort includes 1,517 buildings and is home to approximately 10,000 military personnel along with about 25,000 civilian employees. Nearly 6,000 family members reside on the post. Of the total employees at Fort Meade, 44% are government employees, 26% are military and 30% are contractors. The Fort has 85 tenant units, entities or organizations located at the base. Fort Meade is Maryland's largest employer and is the fourth-largest workforce of any Army installation in the U.S. In response to the military's Base Realignment and Closure plan, construction is underway on a few facilities as the Department of Defense Media Activities, the Defense Information Systems Agency and Joint Network Systems Management prepare to relocate here.

Anne Arundel County is known for being home to several defense contractors. The following chart depicts, in red, the defense contractors located in Anne Arundel County.

	8 Out o	of the Top 10 Department Located in Anne Ar		actors
R	ank	Company Nanie	Award	(Billions\$)
FY2009	FY2008	Company name	FY2009	FY2008
1	1	LOCKHEED MARTIN CORPORATION	32.7	30.0
2	3	SOEING COMPANY, THE	22.2	23.3
3	2	NORTHROP GRUMMAN CORPORATION	19.5	23.4
4	6	RAYTHEON COMPANY	15.3	14.2
5	5	GENERAL DYNAMICS CORPORATION	14.9	14.4
б	4	BAE SYSTEMS PLC	7.3	16.2
7	7	UNITED TECHNOLOGIES CORPORATION	7.2	8.3
8	8	LIS COMMUNICATIONS HOLDINGS INC	6.9	6.7
9	28	OSHKOSH TRUCK CORP.	б.4	1.9
10	10	SAIC	5.1	4.7

Anne Arundel County's civilian labor force in second quarter 2011 was estimated to be 281,839, with 263,825 of those residents employed, for an unemployment rate of 6.4%. This compares to the second quarter 2010 labor force of 282,110, with 263,362 people employed for a 6.6% unemployment rate.

Anne Arundel County's unemployment rates have remained within a range of 3.1% to 6.8% in the last six years, compared to the state's range of 3.6% to 7.5%.

Anne Arundel County and the State of Maryland 2005-2010							
	2005	2006	2007	2008	2009	2010	
Anne Arundel County	3.5%	3.3%	3.1%	3.9%	6.5%	6.8%	
State of Maryland	4.1%	3.8%	3.6%	4.4%	7.1%	7.5%	

The most recent data available is from October 2011 when the unemployment rate in Anne Arundel County was 6.2%, a similar rate to the October 2010 figure of 6.3%.

#### Hotel Tax Collections

Hotel tax collections (transient occupancy taxes) are a good indicator of the health of a lodging market, measuring hotel revenue growth patterns county-wide or city-wide. The following table provides hotel tax collections for Anne Arundel County from fiscal year 2005-06 through fiscal year 2010-11, along with compound average annual growth rates. Fiscal year data is from July 1 through June 30 each year.

itel Tax Collection ne Arundel Coun 05/06 – 2010/11		
Fiscal Year	Anne Arundel County	Average Annual % Change
2005-06	\$12,828,700	-
2006-07	\$13,942,400	8.7%
2007-08	\$15,003,200	7.6%
2008-09	\$13,986,200	-6.8%
2009-10	\$12,812,500	-8.4%
2010-11	\$13,661,400	6.6%
mpound Average Ann	ual Change	1.3%

As shown, hotel tax collections for Anne Arundel County increased in fiscal years 2006-07 and 2007-08. The next two years posted declines as the economic downturn impacted lodging demand, but the most recent year ending June 2011 showed a healthy gain of 6.6%.

# Tourism and Regional Amenities

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The greater Baltimore area has many attractions and amenities for the leisure traveler visiting the area.

#### **Baltimore Orioles Baseball**

One of the regional attractions that impact the BWI Airport area hotels is the Baltimore Orioles Baseball games played at the Camden Park stadium in downtown Baltimore. The baseball season lasts from April through September or October each year and is a major tourism draw. Local hoteliers have indicated that when the New York Yankees or Boston Red Sox are playing the Orioles, for example, hotel rooms are in demand. Other professional baseball teams bring in fans requiring lodging as well. The BWI Airport area hotels provide easy access to the stadium via the light-rail train to the stadium, making the hotels near BWI Airport a good alternative to more expensive hotels downtown.

#### Inner Harbor

A popular tourist area of Baltimore is the Inner Harbor, one of the major seaports in the United States since the 1700s. It started blossoming into the cultural center of Baltimore in the 1970s. The Inner Harbor's amenities and attractions include the National Aquarium, the USS Constellation Museum, the 27-story World Trade Center with the "Top of the World" observation level, Fort McHenry, water taxis, several piers, as well as fine dining, other cultural experiences and nightlife.

The aerial view shown below depicts the location of the Inner Harbor and its proximity to downtown Baltimore. One can see the harbor area near the USS Constellation Museum. Downtown Baltimore is situated at the top left portion of the view.



#### Washington, D.C.

Located approximately 30 miles southwest of BWI Airport, Washington, D.C. has a wide range of tourist attractions and amenities. At the top of the list are often the White House, U.S. Capitol Building, Washington Monument, Lincoln Memorial, Smithsonian, Air and Space Museum, the recently renovated American History Museum, and the National Gallery of Art. In addition, there is Ford's Theatre, Mount Vernon, Arlington Cemetery, cruises on the Potomac River, and the World War II Memorial. The entire area is rich with American history and countless ways to explore our nation's past and present.

#### Chesapeake Bay

The Chesapeake Bay is a major tourist attraction in the area. According to commentator Terry Smith, the Bay is well-known for providing "glassy, smooth and gorgeous seas," perfect for sailing. In addition, fishing, crabbing, swimming, boating, and kayaking are popular activities on the waters of Chesapeake Bay on Maryland's Eastern Shore.

#### Retail Sales

Anne Arundel County's total taxable retail sales figures for 2005 through 2011 are provided in the following chart with compound average annual growth rates.

ne Arundel Coun 05 - 2011	ty	
Year	Anne Arundel County	Average Annual % Change
2005	\$8,352.767	-
2006	\$8,482.463	1.6%
2007	\$8,500.532	0.2%
2008	\$8,147.980	-4.1%
2009	\$7,571.852	-7.1%
2010	\$7,945.907	4.9%
2011 (Proj.)	\$8,378.282	5.4%
npound Average Anni	ual Change	0.1%

As shown, Anne Arundel County's taxable retail sales posted declines in 2008 and 2009 with the economic downturn that began in late 2008. Since that time, increases were shown in both 2010 and are projected in 2011. The compound average annual change for the six years shown is 0.1%.

#### Convention Center

The Baltimore Convention Center is located on West Pratt Street in the downtown area of Baltimore, between Baltimore's Inner Harbor and Oriole Park at Camden Yards. It is considered a convenient location for mid-Atlantic conventions, tradeshows and expositions. The Convention Center was originally constructed in 1979 and received a \$151 million renovation in 1996 and 1997. The Center features 1,225,000 square feet of space with 300,000 square feet of exhibit halls and 85,000 square feet of meeting rooms.

UM1, 10U	544,682	544,682	514,144	435,992	368,834	488,469	
701	201	166	172	173	131	162	
5002	2006	2007	2008	2009	2010	2011	

We understand that recessionary trends, as well as increased competition from the convention centers in Charlotte and Philadelphia, resulted in decreases in the number of events, and attendees during the last few years.

# Office Market Report

According to Cushman & Wakefield's Third Quarter 2011 Office Market Report for Baltimore, "economic uncertainties lingered in the third quarter of 2011 as job creation numbers fell short of market expectations and government budgetary concerns further weakened consumer and investor confidence. Anticipated federal budget cuts were and remain a primary concern for states like Maryland, which depend on federal funding and the government contract industry. Leasing activity was steady in the third quarter of 2011, at 554,456 square feet, with activity concentrated in Baltimore County. Class A product continued to see the largest volume of lease transactions as it accounted for 78.3% of the year-to-date leasing activity in the Baltimore office market. In addition, a total of 488,000 square feet of Class A office product was delivered in the Baltimore market."

The Cushman & Wakefield's report further states that "vacancy rates are expected to largely hold in the Baltimore office market at year-end 2011, with the exception of Harford County due to construction activities. Overall net absorption for Baltimore's CBD in the fourth quarter is expected to be positive as Transamerica takes 140,526 square feet at 100 Light Street. Asking rental rates will most likely remain flat as the market continues its recovery by year-end 2011."

The greater Baltimore area and BWI Airport office market data are provided in the chart that follows.

C Leasing and Financing Options

Market Area	Total Square Feet	Total Vacancy Percent	YTD Square Feet of Absorption	YTD Square Feet Under Construction or Completed	Rate – Class A
Baltimore CBD	13,381,776	17.9%	39,859	0	\$23.27
Baltimore Southeast	4,496,353	15.5%	83,761	0	\$36.58
BALTIMORE CITY TOTAL	22,203,339	16.6%	166,368	0	\$26.70
Annapolis	2,308,268	5.7%	42,788	0	\$30.88
BWI Anne Arundel	4,564,117	11.0%	129,963	575,378	\$29.49
BWI Linthicum	2,628,627	13.4%	(81,903)	0	\$22.98
ANNE ARUNDEL COUNTY TOTAL	10,256,524	10.3%	90,437	575,378	\$28.81
BWI Howard County	643,685	16.2%	51,006	0	\$25.35
HOWARD COUNTY TOTAL	11,183,854	16.2%	67,470	319,624	\$26.30
BALTIMORE COUNTY TOTAL	17,737,558	12.7%	104,607	354,460	\$23.22
HARFORD COUNTY TOTAL	1,316,717	28.5%	113,831	647,720	\$33.78
Non-CBD	49,316,416	13.8%	502,854	1,897,182	\$27.78
BALTIMORE TOTAL	62,698,192	14.6%	542,713	1,897,182	\$26.5

Source: Cushman & Wakefield, Third Quarter 2011 Office Market Report

As shown in the chart above, Annapolis, BWI Anne Arundel, and BWI Linthicum are part of the Anne Arundel County total figures. It can easily be seen that the BWI and Anne Arundel submarket areas enjoy the lowest vacancy rates of all the charted locations, ranging from 5.7% in Annapolis to 13.4% at BWI Linthicum, with a county average of 10.3%. BWI Howard County is a smaller submarket close to BWI Airport and has a higher vacancy rate of 16.2%. The other submarkets in the chart fall within vacancy ranges of 12.7% in Baltimore County to 28.5% in the Harford submarket.

According to a Third Quarter 2011 report by CBRE (Coldwell Banker Richard Ellis), Baltimore is the 21<sup>st</sup> largest office market tracked by CBRE, with a total population of 2.74 million. Average per capita personal income (according to recent data from Moody's Economy.com) is estimated to be \$49,998, approximately 20.1% above the national average. Total employment in the area stands at 1.28 million workers. CBRE states that the Baltimore office market demand peaked in 2007 with 262,100 jobs in the office-using sectors. CBRE expects office employment to grow 2.0% per year over the next six years and expects office employment to reach the previous peak once again in 2013. Rents have declined 2.5% per year over the last three years which, combined with the forecasted job growth, will help to lift absorption in the coming years. Vacancy rates are forecasted to improve, dropping to 11.1%, while rents are forecasted to rise to \$28.57 per square foot, per year.

# Conclusion

With its primary economic reliance on the federal government, government contractors, as well as its ports, the greater Baltimore metropolitan area has an economy fueled primarily by its proximity to Washington, D.C. and the eastern seaboard. Although the area did feel the impact of the recent recession, due to the diversity of its economy, Anne Arundel County did not experience the sizable downturns seen in other market areas in 2008 and 2009. Airport enplanements, hotel tax data, taxable retail sales figures, and unemployment statistics have shown improvements in 2010, indicating that the area is bouncing back from the recent economic downturns it experienced. While it is difficult to predict the economic health of any market area, particularly with the dramatic changes in the economy in recent years, the overall outlook for Anne Arundel County is good.

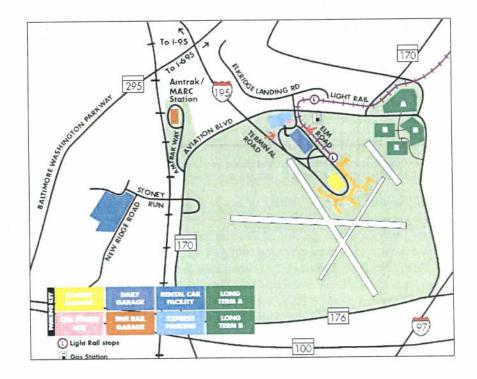
# SITE ANALYSIS

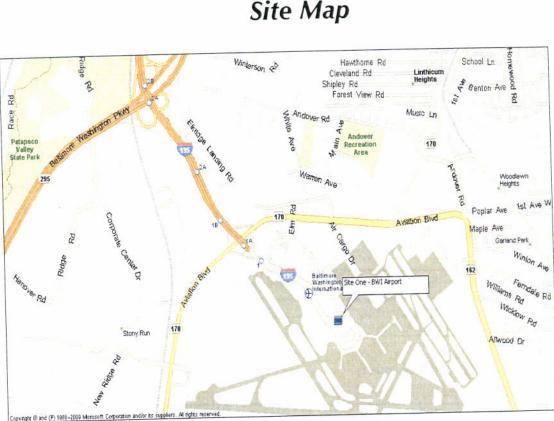
This chapter provides an analysis of the suitability of two sites with regard to their suitability for a hotel development. The sites are referred to as (1) the Airport Site, and (2) the Amtrak Site.

#### The Airport Site

#### Site Description

This analysis is based on a personal inspection of the site and a review of a site plan provided by airport management. The Airport Site is located on a prime location directly on the BWI Airport adjacent to the Hourly Parking Garage, with easy access to the passenger terminals. I-195 provides direct access to BWI Airport. Elm Road is the surface road that circles in front of the terminal buildings. The site is located directly northwest of the hourly parking garage that is ringed by Elm Road. On the following map the hourly parking garage is represented by the yellow block in front of the terminal buildings. The site's location characteristics are considered excellent in terms of its suitability for the development of a first-class hotel. The hotel site is proximate to all sources of demand for lodging in this market. The site is also proximate to a number of major corporate demand generators and has both excellent visibility and accessibility from Elm Road. With approximately eleven acres of available land, there is ample land for a potential hotel development.





# Site Map

MARKET ANALYSIS, BWI AIRPORT, BALTIMORE, MD

Access, Visibility, and Proximity to Demand for Lodging

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As mentioned, the subject site has excellent visibility for automobile traffic along West Elm Street, the thoroughfare providing access to the airport from I-195. The hotel will also have excellent visibility for traffic traveling along Elm Street due to its height relative to the other airport structures. The proposed hotel site is situated directly in front of the daily parking garage and its design and quality should enhance the airport's overall visual appeal.

Access to the proposed hotel site is

considered easy due to the airport loop. Surface parking and garage parking will flank the hotel on either side for automobiles. Access to the hotel would also be considered extremely easy for airline passengers as it is situated within the loop provided by the terminal buildings. Overall the site's access is considered excellent for hotel use.

The site is proximate to all sources of lodging demand in this market. The majority of demand is generated by the BWI Airport. The proposed hotel's location at the airport makes it the closest lodging property to this major demand generator in southern Baltimore. The site is also proximate to numerous corporate demand generators and Fort Meade. Overall, the site is considered excellent in terms of its suitability for a hotel

development.

#### **Physical Suitability**

The subject site is approximately 11.5 acres and has a flat topography. The parcel's size, configuration, and topography, do not appear to physically limit its use.

#### Easements, Restrictions, and Encroachments

The site is located on airport land at a ground level of 154 feet AMSL (above mean sea level). The maximum buildable elevation for this site is 290 feet AMSL. Zoning for the subject is set by the Maryland Aviation Administration.

No title report was provided for the subject property. No private deeds or covenants, conditions and restrictions (CC&Rs) were provided to Ernst and Associates for this analysis. It does not appear, and it is assumed, that there are no adverse impacts on marketability of the project from existing easements, restrictions, and encroachments.

#### Soils and Geology

No soils or geological studies or reports were made available for this analysis. A personal inspection of the site did not reveal any evidence of soil instability. However, no representation as to the adequacy of the soils is made. For the purposes of this analysis it is assumed that the soil and geological conditions are adequate for the proposed development.

#### Environmental Issues

The consultants have inspected the subject property with the due diligence expected of a professional real estate consultant. The consultants are not qualified to detect hazardous waste and/or toxic materials. Such determination would require investigation by a qualified expert in the field of environmental assessment.

No responsibility is assumed for any environmental conditions or for any expertise or engineering knowledge required to discover them. The consultants' descriptions and resulting comments are the result of the routine observations made during the market analysis process.

#### Site Conclusion

The site under consideration is a parcel of land surrounded on two sides by Elm Street and directly northwest of the hourly parking garage at BWI Airport. The site's location characteristics are considered excellent in terms of its suitability for the development of a first-class hotel. The hotel site is proximate to all sources of demand for lodging in this market.

We believe the subject site has the following strengths and/or constraints:

- The site's visibility from Elm Street is excellent from a southbound direction for motorists travelling onto the airport and to the main terminal buildings.
- The site's exposure at the airport will enhance its recognition in the market place.
- The site is located eight miles from Ft. Meade and is proximate to numerous corporate demand generators that surround the airport.
- The terminal buildings have a good selection of fast-food, limited service and a few full-service restaurants, as well as several retail establishments that are situated before entering the TSA security checkpoints. It is assumed that a proposed hotel

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at this location will also feature a variety of full-service food and beverage venues.

• The subject site is only 30 miles north of Washington, D.C.

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- The subject site is slightly challenged by a lack of freeway visibility; however, none of the competitive hotels in the vicinity of the subject have prime freeway visibility, so it is not considered a significant issue in evaluating the site.
- The site is somewhat challenged by its close proximity to the airport's runway system with its inherent noise issues. While noise issues are manageable with current construction and technology, this issue could necessitate higher construction costs.

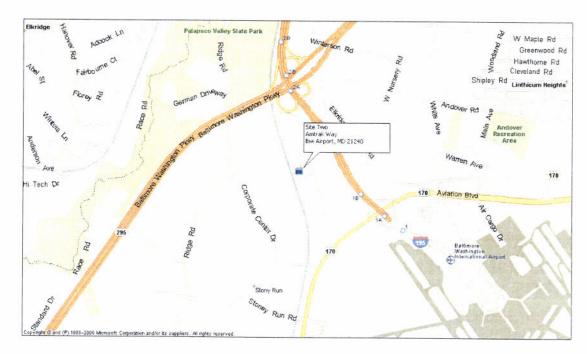
Overall, the site under consideration appears to be excellent for its proposed use.

## The Amtrak Site

#### Site Description

This analysis is based on a personal inspection of the site and a review of a site plan provided by airport management. The Amtrak Site is located on Amtrak Way in Baltimore. This site is located to the north of Aviation Boulevard at the BWI Amtrak Train Station. The site is located directly south of the Amtrak Train Station and west of the parking garage. The site's location characteristics are considered below average in terms of its suitability for the development of a first-class hotel. The site has good accessibility, but this is offset by very limited visibility. The site is proximate to the BWI Airport, as well as a number of major corporate demand generators and has good accessibility from Aviation Boulevard and Amtrak Way.

# Site Map



Access, Visibility, and Proximity to Demand for Lodging



As mentioned, the site does not have visibility for automobile traffic either along Aviation Boulevard or from the freeways in the area. The site is situated directly in front of the daily parking garage and its design and quality would enhance the Amtrak Station's amenities for rail passengers. Access to the site is considered easy due to Amtrak Way and the adjacent parking garage. Access to the hotel would also be considered good for rail passengers as it is situated directly outside of the rail station. a: E

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The site is proximate to all sources of lodging demand in this market. The majority of demand is generated by the BWI Airport. The site is also proximate to numerous corporate demand generators and Fort Meade.

The immediate area surrounding the Amtrak Train Station consists of wetlands and forested land which is environmentally protected. Much of the land cannot be developed due to this fact. There have been discussions regarding mixed-use developments that may be considered within the "neighborhood" of the train station; however, it appears unlikely that any developments would materialize within the next five to ten years. Therefore, the current site lacks some of the aesthetic appeal that would maximize its use as a hotel site.

Overall, in the short term, the subject site is a below average location for a first-class hotel with respect to is location proximate to local demand generators. Long term, the site's characteristics may improve if additional mixed-use developments come to fruition.

#### Physical Suitability

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The subject site is approximately 65,000 square feet (or 1.5 acres) and has flat topography. The site's size is considered small for a traditional limited-service lodging property and not adequate for a full-service hotel. The adjacent parking garage mitigates the requirement for a traditional allocation of land; however, the site is still considered quite small and would constrain development opportunities at the site. The site also has inherent issues with limited area for construction due to surrounding uses including the parking garage, rail line, and depot.

# Easements, Restrictions, and Encroachments

The site is located on airport land at a ground level of 60 feet AMSL (above mean sea level). The maximum buildable elevation for this site is 180 feet AMSL. Zoning for the subject site is set by the Maryland Aviation Administration.

No title report was provided for the site. No private deeds or covenants, conditions and restrictions (CC&Rs) were provided to Ernst and Associates for this analysis. It does not appear, and it is assumed, that there are no adverse impacts on marketability of the project from existing easements, restrictions, and encroachments.

#### Soils and Geology

No soils or geological studies or reports were made available for this analysis. A personal inspection of the site did not reveal any evidence of soil instability. However, no representation as to the adequacy of the soils is made. For the purposes of this analysis it is assumed that the soil and geological conditions are adequate for the proposed development.

#### Environmental Issues

The consultants have inspected the site with the due diligence expected of a professional real estate consultant. The consultants are not qualified to detect hazardous waste and/or toxic materials. Such determination would require investigation by a qualified expert in the field of environmental assessment.

No responsibility is assumed for any environmental conditions or for any expertise or engineering knowledge required to discover them. The consultants' descriptions and resulting comments are the result of the routine observations made during the market analysis process.

#### Site Conclusion

The site is located on a parcel of land adjacent to the Amtrak Train Station and its parking garage. The site's location characteristics are considered below average in terms of its suitability for the development of a first-class hotel. Future development of the surrounding area is in question, as much of the land is environmentally protected. Although discussions regarding mixed-use developments in the greater area have occurred, the likelihood of development is at least five to ten years out, if not longer. The site's accessibility is good; however, this one redeeming characteristic is offset by very limited visibility. The site enjoys proximity to all sources of lodging demand, including the BWI Airport. Our research indicates that the railway, at least at this location, is not a major generator of lodging demand.

We believe the subject site has the following strengths and/or constraints:

- The Amtrak rail, as well as the MARC lines, are not considered to be major generators of lodging demand, which lessens the overall appeal of this site.
- The site's visibility from Amtrak Way is good as motorists loop around in front of the train station; however, the site does not have visibility from Aviation Boulevard or any of the freeways in the area.
- The site has only 1.5 acres of buildable area, which places a constraint on the site's development potential.
- The site has certain constraints including surrounding uses that make construction difficult on a relatively small footprint.
- Adjacent to a parking garage and rail station, as well as tracks, the site's aesthetics are considered inferior and convenience to the train does not mitigate these issues, as it is not considered to be a major generator of lodging demand.
- The site will be impacted by noise from the trains as they arrive and depart from the Amtrak Train Station. Service is provided nearly 24 hours every day, with arrivals and departures approximately every half hour during peak hours of operation. While noise issues are manageable with current construction and technology, this issue could necessitate higher construction costs.
- The site is located eight miles from Ft. Meade; 30 miles north of Washington, D.C., and is proximate to numerous corporate demand generators that surround the airport.
- The immediate area surrounding the site suffers from a lack of restaurants and retail establishments.

Overall, the Amtrak Site's suitability in connection with a hotel development appears to be below average for the foreseeable future. Future development of the greater area surrounding the site, with commercial and/or retail uses, would strengthen its overall appeal, as well as its competitive position when considered for a hotel development.

#### Conclusion

In this chapter we provided an analysis of both sites under consideration for the proposed hotel project(s). We discussed the factors that impact these sites including access, visibility, applicable regulations, physical suitability, and proximity to lodging demand.

The Airport Site is considered excellent for the development of a hotel. It has easy accessibility, excellent visibility, and is located at the prime generator of lodging demand in this area, the BWI Airport. In addition, the development of a hotel at this location will enhance the overall aesthetic appeal of the BWI Airport with its location in front of the daily parking garage, thereby providing a view for arriving passengers of a new hotel rather than a parking garage. Noise-reducing construction will be necessary as it is located proximate to the airport's runway system. This site is located on a prime location at the airport next to the terminals, and has a superior location when compared to the competitive supply. Overall this site is considered excellent for hotel use.

The Amtrak Site is considered a below average site for the development of a hotel at this time. It has easy accessibility, below average visibility, and is located adjacent to a busy train station. The site is considered abnormally small for a hotel and construction will be difficult due to the close proximity of the surrounding uses. These factors would necessitate building more stories on a small footprint. It is located proximate to the BW1 Airport and all other demand generators for lodging in this area. Noise-reducing construction will be necessary as it is located adjacent to a busy railway and depot. There have been numerous additions to the lodging supply in the past several years and most of the existing supply have superior locations when compared to this site, with better visibility, larger sites, and superior neighborhood amenities. Overall, this site is considered below average for hotel use. As mentioned, future development of the greater area surrounding the site, with commercial and/or retail uses, would strengthen its overall appeal, as well as its competitive position when considered for a hotel development.

It is our recommendation that the Airport Site be considered for development with a fullservice hotel. The Amtrak Site is considered much less suitable for the development of a hotel project at this time. In the next chapter, we provide a summary of the supply of, and demand for, first-class lodging facilities in the defined market area, as well as our estimate of the market support for additional lodging accommodations.

# HOTEL MARKET OVERVIEW

#### Introduction - a National Overview

The national recovery in the lodging industry continues to gain speed, as occupancy and ADR (average daily room rate) will continue to increase. Investors perceive that current positive RevPAR (Revenue Per Available Room) growth will sustain the industry's cyclical rebound. Despite a robust interest in major urban assets by national and overseas investors, there are still many broader economic reasons for concern. The nation's debt will be a burden for years to come, according to economists, and this has slowed the overall recovery. Volatile gas prices could weigh heavily on travel, as families are less likely to spend disposable income on high air fares. Issues overseas, such as Greece's debt crisis, could also have far-reaching consequences on the domestic front. According to CBRE, "A thaw in all types of hospitality lending is spreading, including a glimmer of construction financing for financially feasible deals that include real substantial equity invested behind debt."

The transaction volume through the first five months of 2011 is triple the amount compared to the same period in 2010. Jones Lang LaSalle Hotels (JLL) predicts that at the current pace, overall deal volume should meet or exceed \$13 billion for the year. A number of notable factors have enabled the increased activity. The following highlights are based on publications and articles from JLL, Hotel Interactive, and Larking Hospitality Finance.

- Overall occupancy, ADR, and RevPAR will continue to increase through the remainder of 2011 and beyond;
- REITS continue to be the dominant players in 2011. Pebblebrook has been one of the most active hotel REIT's, acquiring several major assets including the W Boston for \$89.5 million, the Mondrian, Los Angeles for \$137 million, the Viceroy Miami for \$36.5 million and the Hotel Monaco Seattle for \$51.2 million. Chesapeake Lodging Trust has also been active, recently acquiring the 210-room Hotel Indigo in San Diego for \$55.5 million and the W Chicago for \$128.8 million;
- A tremendous amount of capital that was sitting on the sidelines has been placed into deals, especially from private equity groups and institutional investors;
- Lending is becoming increasingly available, especially for top tier assets in major markets;
- Foreign investors, especially from the Middle East and Asia will continue to target trophy assets in major coastal markets.

Both US Realty Consultants and PWC (formerly Korpacz) indicate the averages for discount rates, overall capitalization rates and terminal capitalization rates continue to decrease. The largest decrease in discount rates of the four hospitality types (Luxury, Full-Service, Limited-Service, Select Service) was the limited service segment, which experienced a drop of 56 basis points compared to the first quarter of 2011. US Realty Consultants notes that discount rates for full service properties decreased by 20 basis points relative to their Winter 2011 survey. For the limited service sector, discount rates have decreased by 50 basis points.

Smith Travel Research (STR), widely regarded as the standard source for reliable

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information in the hospitality industry, is predicting healthy growth in occupancy and ADR for 2011, although it will not reach recent historic levels for several more years. A commentary by Randall Smith, Chairman, Smith Travel Research follows:

The lodging industry is in the midst of a solid rebound in virtually all performance measures. While there continue to be enough potholes ahead to proceed with considerable caution, there are plenty of reasons to enjoy the current state of the industry while it lasts.

One of the most optimistic aspects of where we are today is the gradual slowdown in room supply growth. When the industry entered the recession in 2008, room supply was growing very rapidly and industry management was not prepared for a sharp downturn in demand. By late 2008 and early 2009, room supply was growing around 3% over the prior period, greatly compounding the typical difficulties associated with a slump in demand. Following that surge in supply growth, construction activity began to slow down and by mid-2010 room supply was growing by less than 2%. It has continued to decline steadily and for most of 2011 room supply growth has averaged less than 1% from year-earlier levels. As of September 2011, room supply growth had sunk to only 0.6% over September 2010.

While reviewing the pipeline of new rooms coming into the market, it appears that room supply growth will remain low for the foreseeable future. With only 54,000 rooms currently under construction, the industry is in a much better position to withstand potential declines in room demand. While the number of rooms in final planning is just short of 100,000 and the number of rooms in the planning stages totals around 165,000—which could be causes for concern—the number of rooms in these two stages combined are nearly 40,000 less than at this time last year.

The bright spot of what is under construction is that, other than New York City, it appears to be fairly dispersed and should not be a big drag on occupancies going forward. New York is in the midst of a construction boom with more than 7,000 rooms currently under construction in the city. That represents about 7% to the existing supply base. Fortunately, it appears at this time that the city could use additional rooms so we do not expect any major distortions in that market over the short term.

Across the rest of the country, most of the properties under construction are in the upscale and upper-midscale segments, which tend to be smaller and have a less-immediate impact on overall supply growth issues. As a result, we do not expect room supply growth to be a significant problem for the industry as we wrap up 2011 and enter 2012. We will continue to pay close attention to construction activity with a focus on the end of 2012.

#### Growth in Lodging Demand

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Another bright spot for the industry is the nearly stunning rebound in room demand over the past several months. On a seasonally adjusted basis, room demand has been setting records. Prior to the current downturn, the highest number of room nights sold on a seasonally adjusted basis was 87.2 million in November 2005. Following that peak, room demand stabilized around 85 million room nights a month for the next several years. As the recession set in, monthly room demand began to fall fairly dramatically, finally reaching the bottom at around 75 million a month in early 2009. Since then, the number of room nights sold has been climbing steadily. It reached the 85 million room night level in late 2010 and stabilized again at that level. But after nearly nine months stuck at that level, in early 2011 room demand began to grow again. And in March of this year, the industry finally set a new record of room nights sold reaching 87.5 million room nights.

Since then demand has continued to set new records. While there was a brief drop in August, September rebounded to fall just short of 90 million room nights sold.

Clearly, this is the one variable where the industry is most vulnerable. The relationship between overall industry demand and economic activity continues to evolve. As shown in the accompanying chart, historically, changes in room demand have been highly correlated to changes in GDP. Over the past several years however, the changes in lodging demand have become more dramatic. When the recession hit, demand for rooms declined much greater than the overall economy and as the economy began to stabilize, lodging demand has improved much more rapidly than the overall economy.

For the third quarter of 2011, room demand was 4.7% greater than the same period last year while GDP growth is expected to be less than 1.6% for the quarter. While STR does not believe that the relationship between demand and the economy has been changed forever, we do believe that demand could remain strong for the remainder of the year and begin to stabilize at current levels as we enter 2012.

#### Increases in Occupancy and Average Room Rate

The combination of lower supply growth and a solid rebound in demand has led to steadily rising room occupancy rates. In general, occupancy has been drifting downward for the past 20 years. In the late 1980s when STR first began tracking the industry, occupancy regularly exceeded 65%. The industry has not been back to those levels since the mid-1990s. Even during the good years between 2004 and 2008, occupancy only climbed back to a high of 63.5% in June 2006. When the recession hit, occupancy began to decline sharply finally reaching a bottom in January 2010 of 54.5%. While it has rebounded nicely since then, it is still around 60%. Interestingly, while occupancy is generally lower than historical norms, the industry has been able to lower the break-even occupancy to such a point that overall profitability continues to remain solid with considerable upside potential.

The one area that continues to be underperforming given the other industry metrics is room rates. With higher occupancy, room rates should begin to strengthen. However we are less optimistic about this variable than we have been in the past. With this recent downturn, the decline in room rates was unprecedented. After reaching a peak in late 2008 of nearly US\$108, room rates declined sharply and bottomed out in early 2009 at around US\$95. It has taken nearly two years to get rates back above the US\$100 level and it will probably take at least another two years to get back to pre-recession levels. (And that's not even factoring in inflation.) There has clearly been a hesitancy to push room rate increases at a time when the overall economy continues to struggle and unemployment remains very high. However, if room demand does begin to stabilize or even drifts downward, there is the real possibility that the industry missed an opportunity to be more aggressive on pricing as room demand soared to record levels.

In STR's opinion, transparency in pricing has completely altered existing revenue management models. The complexity of pricing today with all of the various channel distribution possibilities has forever changed the role of the revenue manager in today's lodging industry. To help meet these challenges, STR has undertaken a massive study of channel distribution data to provide revenue managers with solid benchmarks of actual performance results. Within a very short time frame, STR has been able to collect and process booking data for nearly 26,000 properties in the US. STR will be introducing a variety of new reports over the coming months primarily geared to helping revenue managers sort through the vast quantity of data available and hopefully provide them with

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the tools necessary to make intelligent and profitable decisions about pricing. I will discuss some of the findings of this study and how it can be applied in my future articles.

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In summary, with growth in room supply slowing and growth in room demand steadily improving, our forecasts for 2011 and 2012 are fairly conservative given the continued problems with the overall economy. As of now, we expect room supply for 2011 to increase about 0.7% and for 2012 to grow another 0.9%. We expect room demand growth to be about 4.7% for 2011 and about 1.1% in 2012. As a result, we expect occupancy to improve by about 4% this year and only about 0.2% next year. With slightly higher occupancy we expect room rates to increase about 3.6% during 2011 and add another 3.7% in 2012. Showing strong percentage increases next year will be extremely difficult since we will be comparing the 2012 results with a fairly strong 2011.

Obviously these forecasts are based on economic conditions as they exist today. There are a wide variety of concerns that could cause these forecasts to be wide of the actual mark. Perhaps the two biggest problems confronting the global economy today is the credit crisis that is looming in Europe and the overall vulnerability to global shocks that can come from terrorism or upheaval in the Middle East. Add to that the usual cautionary note about natural disasters (Japan) and man-made disasters (reckless government spending) and there are plenty of areas that could affect lodging negatively. The most nagging problem in the U.S. is the prolonged level of high unemployment. While this should not cause any dramatic slowdown in lodging demand, it has removed a significant number of guests from our customer base that will be a drag on future growth in demand. The crisis in the housing market will also be with us for several more years and that will continue to hold down consumer sentiment and suppress overall spending. But for now, the lodging industry is doing much better than a year ago and the outlook is, as usual, cautiously optimistic. END EXCERPT --------

Smith Travel Research's annual forecast for the nation's lodging industry is summarized in the following chart.

Year	2005	2006	2007	2008	2009	2010	2011	2012P
Occupancy	63.0%	63.1%	62.8%	59.8%	54.6%	57.6%	59.9%	60.0%
Average Room Rate	\$91.03	\$97.81	\$104.31	\$107.38	\$98.09	\$98.07	\$101.58	\$105.29
RevPAR	\$57.35	\$61.72	\$65.51	\$64.21	\$53.56	\$56.49	\$60.85	\$63.17

Source: Smith Travel Research, Ernst & Associates, Inc.

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The 2012 Year End Outlook for the Nation's lodging industry, by chain scale, is summarized in the following chart.

Chain Scale	Occupancy (% Chg)	ADR (% Change)	RevPAR (% Chg)
Luxury	1.3%	5.5%	6.9%
Upper Upscale	-0.6%	4.0%	3.4%
Upscale	1.4%	4.2%	5.7%
Upper Midscale	cale -0.2% 3.8%		3.6%
Midscale	1.0%	0.8%	1.8%
Economy	0.6%	2.3%	3.0%
Independent	-0.6% 3.0%		2.4%
Total United States	0.2%	3.7%	3.9%

Source: Smith Travel Research

### Baltimore Lodging Market - An Overview

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The population of the Baltimore area stands at 2.74 million. The average per capita income (according to recent data from Moody's Economy.com is estimated to be \$49,998, approximately 20% above the national average. Total employment stands at 1.28 million workers. Over the last five years, total employment in the Baltimore area has declined at an average annual rate of 0.5% while across the U.S., employment has declined at an average annual rate of 0.8%. CBRE forecasts growth of 1.1% in the Baltimore area in the next five years. Baltimore's construction employment sector will post the best job performance over the next five years.

Based on a report prepared by CBRE - Econometric Advisors, the forecast calls for overall positive growth in real personal income and total employment through year-end 2012. The forecast for Baltimore's full-service segment projects an annualized RevPAR figure of \$75.56 for 2012 compared to \$74.98 in 2010 (0.4% annual change). CBRE expects an annualized RevPAR figure of \$66.93 in 2012 for Baltimore's limited-service segment, compared to 2010's figure of \$57.83 (7.6% annual change).

The Baltimore lodging market, by sub-market, is summarized in the chart that follows.

	Full-Servi	vice Hotels			Limited-Service Hotels			
Sub Market	Avail Rooms	Occ Rate	ADR	RevPAR	Avail Rooms	Occ Rate	ADR	RevPAR
Baltimore, MD Area	1,807	51.7	\$101.70	\$52.62	4,581	67.2	\$83.07	\$55.82
BWI Airport/Annapolis	4,289	67.5	\$117.27	\$79.16	5,761	71.9	\$87.27	\$62.77
City	7,483	61.7	\$145.69	\$89.85	2,134	64.5	\$126.29	\$81.51
Suburbs	2,868	58.1	\$99.00	\$57.55	3,483	60.2	\$85.02	\$51.19
Total Baltimore	16,448	61.4	\$126.34	\$77.56	15,959	67.3	\$90.22	\$60.70

Source: CBRE, Q3 2011

# BWI Airport Lodging Market - Primary Competitive Supply

The BWI Airport lodging market has traditionally catered to commercial travelers, group meeting guests, and leisure travelers. There is a fairly significant component of government-related lodging demand which is tied to a government per diem. On the other hand, there is an ample supply of discerning corporate and leisure travelers who are willing to pay a premium for good-quality lodging facilities with modern facilities and amenities. There has been an emergence of first-class, full-service, as well as focused-service hotels during the last few years that cater to non-price sensitive corporate and leisure travelers.

Based on our research, we identified a primary competitive lodging supply of hotels that are located proximate to the BWI Airport. Generally speaking, they are located in the Linthicum area. A secondary competitive supply is comprised of a number of hotels located in what is referred to as the Arundel Mills sub-market. Interestingly, the majority of new additions to the supply of lodging facilities have been within the Arundel Mills submarket. Their impact on the primary competitive supply is discussed later in this chapter.

In this section, we first present a discussion regarding the subject's primary competitive supply and then our estimates of supportable guest rooms in the BWI Airport market. Next, we present our recommendations regarding a new hotel product in the marketplace, and the facilities and amenities that will best serve the market. Finally, we present our

estimates of utilization for the proposed hotel's first ten full years of operation.

### Primary Competitive Supply

A list of the primary competitive hotels surveyed for this analysis is provided in the following chart. Data sheets and photographs of the competitors follow. We have surveyed each of the hotels and have compiled occupancy and average daily room rate statistics for each hotel, for the last several years. This data is proprietary; therefore, we have presented it in terms of RevPAR (Revenue per Available Room) due to its proprietary nature.

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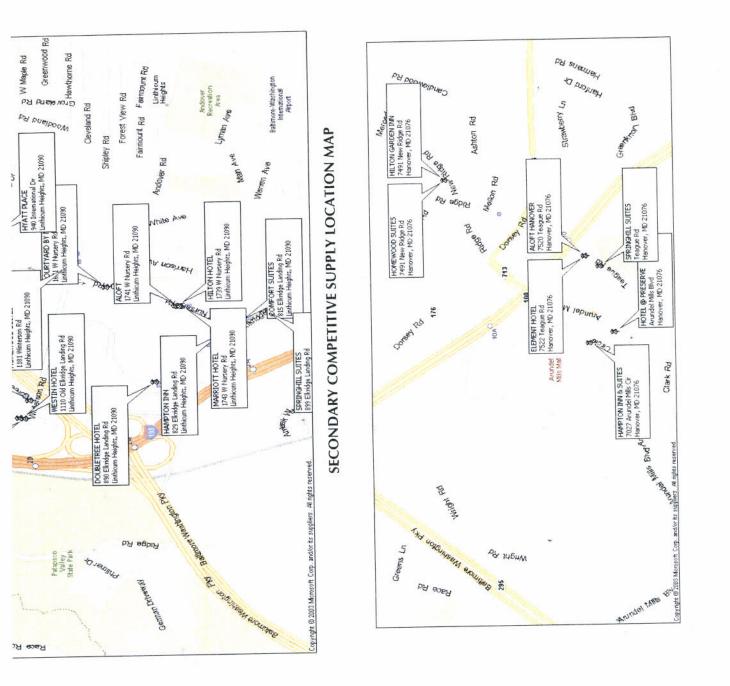
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HOTEL @ PRESERVE Arundel Mils Blvd Hanover, MD 21076

HOTEL	CITY	STREET ADDRESS	ROOMS YE	AR OPEN
Aloft	Linthicum	1741 W. Nursery Road	155	2009
Comfort Suites	Linthicum	815 Elkridge Landing Rd.	137	1997
Courtyard by Marriott	Linthicum	1671 W. Nursery Rd.	149	1989
Doubletree Hotel	Linthicum	890 Elkridge Landing Rd.	260	1973
Embassy Suites	Linthicum	1300 Concourse Dr.	251	1987
Four Points Sheraton	<b>BWI</b> Airport	7032 Elm Rd.	201	1966
Hampton Inn	Linthicum	829 Elkridge Landing Rd.	182	1986
Hilton Garden Inn	Linthicum	1516 Aero Drive	158	2001
Hilton Hotel	Linthicum	1739 W. Nursery Rd.	280	2006
Homewood Suites	Linthicum	1181 Winterson	147	1998
Hyatt Place	Linthicum	940 International Drive	127	2007
Marriott Hotel	Linthicum	1743 W. Nursery Rd.	309	1988
Sheraton	Linthicum	1100 Old Elkridge Landing Rd.	203	2007
Springhill Suites	Linthicum	899 Elkridge Landing Rd.	133	2001
Westin	Linthicum	1110 Old Elkridge Landing Rd.	260	2007
Total Rooms			2,952	

Prepared by: Ernst & Associates, Inc. 11/2011

ALOFT HOTEL 1741 W. Nursery Road Linthicum, MD 410-691-6969

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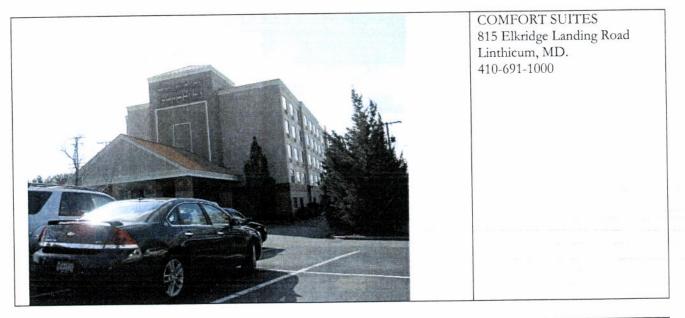
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Visibility: Proximity to Demand:	Excellent		
Proximity to Demand:			
	Excellent		
Distance to BWI Airport:	1.85 miles		
Distance to Amtrak Station:	2.00 miles		
Overall Ranking of Site:	Excellent		
Year Open:	2009 - August		
Number of Guest Rooms:	155		
Food & Beverage Outlets			
Limited Service Dining:	Re:Fuel by Aloft - Self Serve (24 hrs)		
Cocktail Lounge:	W XYZ Bar		
Room Service:	No		
Total Meeting Space:	540 sf		
Largest Meeting Room:	540 sf		
Fitness Center:	Yes		
Swimming Pool:	Heated Indoor Pool and whirlpool		
Complimentary Shuttle to Airport:	Yes		
Complimentary Shuttle to Amtrak:	Yes		
Published Single/Double Room Rates	\$89 - \$186		
Estimated Year-End 2009 RevPar (Stub Year)	\$38.00		
Estimated Year-End 2010 RevPar	\$52.00		
Projected Year-End 2011 RevPar	\$66.00		
Market Segmentation:			
Commercial Travelers	75%		
Groups & Conventions	5%		
Leisure & Other	20%		
This hotel is part of the Starwood brand and opened in August 2009. It is one of the most recent			
additions to the lodging supply. Nine-foot ceilings and extra-large windows create a bright, airy			
environment full of natural light. Guest rooms feature platform beds and other eclectic furnishings.			
The BWI Airport is a prime source of demand for this hotel. Government contracts are also an			
	Overall Ranking of Site:Year Open:Number of Guest Rooms:Food & Beverage OutletsLimited Service Dining:Cocktail Lounge:Room Service:Total Meeting Space:Largest Meeting Room:Fitness Center:Swimming Pool:Complimentary Shuttle to Airport:Complimentary Shuttle to Amtrak:Published Single/Double Room RatesEstimated Year-End 2009 RevPar (Stub Year)Estimated Year-End 2010 RevParProjected Year-End 2011 RevParMarket Segmentation:Commercial TravelersGroups & ConventionsLeisure & OtherThis hotel is part of the Starwood brand and operadditions to the lodging supply. Nine-foot ceilingenvironment full of natural light. Guest rooms fear		



Site Description	Access:	Good		
	Visibility:	Very Good		
	Proximity to Demand:	Excellent		
	Distance to BWI Airport:	1.50 miles		
	Distance to Amtrak Station:	2.00 miles		
	Overall Ranking of Site:	Very Good		
Physical Characteristics	Year Open:	1997		
	Number of Guest Rooms:	137		
	Food & Beverage Outlets			
	Limited Service Dining:	Complimentary Breakfast		
	Cocktail Lounge:	No		
	Room Service:	No		
	Total Meeting Space:	576 sf		
	Largest Meeting Room:	576 sf		
	Fitness Center:	Yes		
	Swimming Pool:	No		
	Complimentary Shuttle to Airport:	Yes		
	Complimentary Shuttle to Amtrak:	Yes		
Operating Trends	Published Single/Double Room Rates	\$84 - \$99		
operating frende	Estimated Year-End 2009 RevPar	NA		
	Estimated Year-End 2010 RevPar	\$52.00		
	Projected Year-End 2011 RevPar	\$56.00		
	Market Segmentation:			
	Commercial Travelers	70%		
	Groups & Conventions	5%		
	Leisure & Other	25%		
Comments	This hotel is part of the Choice Hotels brand. It is relatively small, with only 137 rooms, and caters			
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	to the more price-sensitive traveler. Guest rooms feature refrigerators and microwave ovens.			

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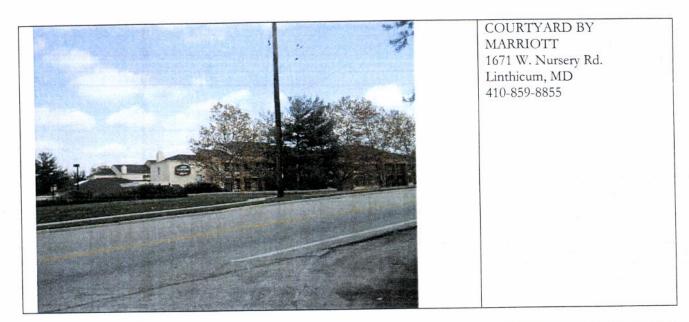
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Site Description	Access:	Very Good		
	Visibility:	Very Good		
	Proximity to Demand:	Excellent		
	Distance to BWI Airport:	1.50 miles		
	Distance to Amtrak Station:	2.00 miles		
	Overall Ranking of Site:	Very Good		
Physical Characteristics	Year Open:	1989		
	Number of Guest Rooms:	137		
	Food & Beverage Outlets			
	Limited Service Dining:	The Bistro, and Connect		
	Cocktail Lounge:	No - Ltd. Cocktail Service		
	Room Service:	No		
	Total Meeting Space:	1,250 sf		
	Largest Meeting Room:	625 sf		
	Fitness Center:	Yes		
	Swimming Pool:	Yes		
	Complimentary Shuttle to Airport:	Yes		
	Complimentary Shuttle to Amtrak:	Yes		
Operating Trends	Published Single/Double Room Rates	\$109 - \$349		
operating riends	Estimated Year-End 2009 RevPar	\$86.00		
	Estimated Year-End 2010 RevPar	\$88.00		
	Projected Year-End 2011 RevPar	\$87.00		
	Market Segmentation:			
	Commercial Travelers	70%		
	Groups & Conventions	10%		
	Leisure & Other	20%		
Comments	This hotel is part of the Marriott brand. It is a focused-service hotel with a very popular brand			
Comments	affiliation, and caters to the corporate traveler. The hotel features relatively new, refurbished			
	public spaces.			
	kasar sharra			

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	Doublet Trees		DOUBLETREE HOTEL 890 Elkridge Landing Rd. Linthicum, MD 410-859-8400
Site Description	Access: Visibility: Proximity to Demand:	Good Good Excelle	ent
	Distance to BWI Airport: Distance to Amtrak Station: Overall Ranking of Site:	2.00 m 2.00 m Good	niles
Physical Characteristics Operating Trends	Year Open: Number of Guest Rooms: <u>Food &amp; Beverage Outlets</u> Full Service Dining: Cocktail Lounge: Room Service: <u>Total Meeting Space:</u> Largest Meeting Room: Fitness Center: Swimming Pool: Complimentary Shuttle to Airport: Complimentary Shuttle to Amtrak: Published Single/Double Room Rates	260 Eden's Eden's No 10,000	sf ballroom
Operating Trends	Estimated Year-End 2009 RevPar Estimated Year-End 2010 RevPar Projected Year-End 2011 RevPar <u>Market Segmentation:</u> Commercial Travelers Groups & Conventions Leisure & Other	51792 NA NA \$70.00 60% 30% 10%	
Comments	This hotel is part of the Hilton family. It was space (lobby) does not compare to some Guestrooms are reported to be newly re conventions with a full-service conference fa average rate is at the low end of the range, BWI airport is the prime source of demand lodging demand for this property.	s recently conv of the compe- furbished. Th acility and wide while it is rein	etition and is showing signs of age e Doubletree caters to groups and e array of meeting rooms. This hotel's ntroduced into this market place. The

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EMBASSY SUITES 1300 Concourse Drive Linthicum, Md. 410-850-0747

Site Description	Access:	Excellent
5 F	Visibility:	Excellent
	Proximity to Demand:	Excellent
	Distance to BWI Airport:	2.00 miles
	Distance to Amtrak Station:	2.00 miles
	Overall Ranking of Site:	Excellent
Physical Characteristics	Year Open:	1987
	Number of Guest Rooms:	251
	Food & Beverage Outlets	
	Full Service Dining:	Chophouse 13
	Cocktail Lounge:	International Pier Lounge
	Room Service:	Yes
	Total Meeting Space:	5,500 sf
	Largest Meeting Room:	1,900 sf ballroom
	Fitness Center:	Yes
	Swimming Pool:	Yes
	Complimentary Shuttle to Airport:	Yes
	Complimentary Shuttle to Amtrak:	Yes
Operating Trends	Published Single/Double Room Rates	\$159 - \$209
optiming mining	Estimated Year-End 2009 RevPar	\$96.00
	Estimated Year-End 2010 RevPar	\$95.00
	Projected Year-End 2011 RevPar	\$85.00
	Market Segmentation:	
	Commercial Travelers	60%
	Groups & Conventions	15%
	Leisure & Other	25%
Comments	This hotel is part of the Hilton family. The Embassy Suites is an extremely popular brand	
	affiliation; however, it is noted that utilization levels appear to be off, compared to last year. The	
	Embassy Suites features the interior atrium design with a central cocktail lounge and restaurant on	
	the ground floor. This hotel lacks the modern design elements found at some of the newer	
	competition. The Embassy Suites caters to group meetings and corporate travelers and features	
	full-service business and meeting facilities.	

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FOUR POINTS SHERATON 7032 Elm Road Baltimore, Md. 410-859-3300

Access:	Excellent
Visibility:	Very Good
Proximity to Demand:	Excellent
Distance to BWI Airport:	On Airport
Distance to Amtrak Station:	1.00 miles
Overall Ranking of Site:	Very Good
Year Open:	1966
Number of Guest Rooms:	201
Food & Beverage Outlets	
Full Service Dining:	Michener's Restaurant
Cocktail Lounge:	Michener's Pub
Room Service:	Yes
Total Meeting Space:	8,832 sf
Largest Meeting Room:	3,888 sf ballroom
Fitness Center:	Yes
Swimming Pool:	Yes
Complimentary Shuttle to Airport:	Yes
Complimentary Shuttle to Amtrak:	Yes
Published Single/Double Room Rates	\$130 - \$185
Estimated Year-End 2009 RevPar	\$76.00
Estimated Year-End 2010 RevPar	\$81.00
Projected Year-End 2011 RevPar	\$84.00
Market Segmentation:	
Commercial Travelers	75%
Groups & Conventions	15%
Leisure & Other	10%
This hotel is part of the Starwood Hotels & Resorts. It has been a fixture at the BWI Airport since	
1966. The public spaces have been refurbished, as have the guest rooms. The hotel is somewhat	
hidden by a very prominent hi-rise parking structure. The hotel's physical layout, which is	
primarily low-rise, garden style, is considered outdated and not as functional as some of the	
competition. The hotel's rather dated physical plant is offset by its unsurpassed location at the	
airport and excellent customer service levels	
	Visibility: Proximity to Demand: Distance to BWI Airport: Distance to Amtrak Station: Overall Ranking of Site: Year Open: Number of Guest Rooms: Food & Beverage Outlets Full Service Dining: Cocktail Lounge: Room Service: Total Meeting Space: Largest Meeting Room: Fitness Center: Swimming Pool: Complimentary Shuttle to Airport: Complimentary Shuttle to Airport: Complimentary Shuttle to Amtrak: Published Single/Double Room Rates Estimated Year-End 2009 RevPar Estimated Year-End 2010 RevPar Projected Year-End 2011 RevPar Market Segmentation: Commercial Travelers Groups & Conventions Leisure & Other This hotel is part of the Starwood Hotels & R 1966. The public spaces have been refurbish hidden by a very prominent hi-rise parkin, primarily low-rise, garden style, is conside competition. The hotel's rather dated physic

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HILTON GARDEN INN 1516 Aero Drive Linthicum, Md.	

Site Description	Access:	Good
	Visibility:	Good
	Proximity to Demand:	Excellent
	Distance to BWI Airport:	2.00 miles
	Distance to Amtrak Station:	2.00 miles
	Overall Ranking of Site:	Good
Physical Characteristics	Year Open:	2001
	Number of Guest Rooms:	158
	Food & Beverage Outlets	Cooked to Order, Comp Breakfast
	Limited Service Dining:	Full Service, limited menu
	Cocktail Lounge:	Yes
	Room Service:	Yes
	Total Meeting Space:	1,873 sf
	Largest Meeting Room:	1,248 sf
	Fitness Center:	Yes
	Swimming Pool:	Yes
	Complimentary Shuttle to Airport:	Yes
	Complimentary Shuttle to Amtrak:	Yes
Operating Trends	Published Single/Double Room Rates	\$144 -\$203
	Estimated Year-End 2009 RevPar	\$87.00
	Estimated Year-End 2010 RevPar	\$83.00
	Projected Year-End 2011 RevPar	\$85.00
	Market Segmentation:	
	Commercial Travelers	75%
	Groups & Conventions	5%
	Leisure & Other	20%
Comments	This hotel is part of the Hilton family. The H	lilton Garden Inn is a strong performer that caters
	individual business travelers and small group meetings.	

HILTON HOTEL 1739 West Nursery Road Linthicum Heights, MD Tel 410-694-0808

Site Description	Access:	Excellent
	Visibility:	Excellent
	Proximity to Demand:	Excellent
	Distance to BWI Airport:	1.85 miles
	Distance to Amtrak Station:	2.30 miles
	Overall Ranking of Site:	Excellent
Physical Characteristics	Year Open:	2006
ā.:	Number of Guest Rooms:	280
	Food & Beverage Outlets	
	Full-Service Dining:	Signature Acqua Restaurant
	Cocktail Lounge:	Yes
	Room Service:	Yes
	Total Meeting Space:	12,000 sf
	Largest Meeting Room:	8,260 sf ballroom
	Fitness Center:	Yes
	Swimming Pool:	Heated Indoor Pool and whirlpool
	Complimentary Shuttle to Airport:	Yes
	Complimentary Shuttle to Amtrak:	Yes
Operating Trends	Published Single/Double Room Rates	\$159 - \$219
	Estimated Year-End 2009 RevPar	\$88.80
	Estimated Year-End 2010 RevPar	\$88.00
	Projected Year-End 2011 RevPar	\$96.00
	Market Segmentation:	
	Commercial Travelers	70%
	Groups & Conventions	10%
	Leisure & Other	20%
Comments	This hotel drives one of the highest ADRs in the competitive supply. It enjoys a strong brand n recognition which is popular among corporate travelers. High-rise construction maximize visibility. The Hilton enjoys good proximity to the airport and the Amtrak station. The airport the Amtrak station provide needed transportation to hotel guests. It is very difficult for hote this area to maximize average daily rates with the low government per diem.	

MARKET ANALYSIS,	BWI AIRPORT,	BALTIMORE, MD

HOMEWOOD SUITES 1181 Winterson Linthicum, Md. 410-684-6810

Site Description	Access:	Good
0.00 2 00001	Visibility:	Fair
	Proximity to Demand:	Excellent
	Distance to BWI Airport:	2.00 miles
	Distance to Amtrak Station:	2.30 miles
	Overall Ranking of Site:	Excellent
Physical Characteristics	Year Open:	1998
	Number of Guest Rooms:	147
	Food & Beverage Outlets	
	Limited-Service Dining:	Comp Breakfast / Lite Evening Dinner
	Cocktail Lounge:	Limited service
	Room Service:	No
	Total Meeting Space:	
	Largest Meeting Room:	Limited Meeting Space
	Fitness Center:	Yes
	Swimming Pool:	Indoor Swimming Pool
	Complimentary Shuttle to Airport:	Yes
	Complimentary Shuttle to Amtrak:	Yes
Operating Trends	Published Single/Double Room Rates	\$149 - \$295
operating research	Estimated Year-End 2009 RevPar	\$88.00
	Estimated Year-End 2010 RevPar	\$81.00
	Projected Year-End 2011 RevPar	\$94.00
	Market Segmentation:	
	Commercial Travelers	75%
	Groups & Conventions	5%
	Leisure & Other	20%
Comments	The Homewood Suites is part of the Hilton fa	amily. This hotel caters to the extended-stay traveler
	Each guest room features a fully-equipped ki	itchen. The Homewood Suites features a "home away
	from home" marketing program.	

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	HYATT PLACE
	940 International Drive
	Linthicum, Md.
	410-859-3366
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Site Description	Access:	Good		
	Visibility:	Fair		
	Proximity to Demand:	Excellent		
	Distance to BWI Airport:	2.00 miles		
	Distance to Amtrak Station:	2.30 miles		
	Overall Ranking of Site:	Good		
Physical Characteristics	Year Open:	2007		
	Number of Guest Rooms:	127		
	Food & Beverage Outlets			
	Limited-Service Dining:	Comp Breakfast / 24/7 Guest Kitchen		
	Cocktail Lounge:	No		
	Room Service:	No		
	Total Meeting Space:	1,170 sf		
	Largest Meeting Room:	1,170 sf		
	Fitness Center:	Yes		
	Swimming Pool:	Indoor Swimming Pool Yes		
	Complimentary Shuttle to Airport:			
	Complimentary Shuttle to Amtrak:	Yes		
Operating Trends	Published Single/Double Room Rates	\$151 - \$179		
	Estimated Year-End 2009 RevPar	\$75.00		
	Estimated Year-End 2010 RevPar	\$74.00		
	Projected Year-End 2011 RevPar	\$77.00		
	Market Segmentation:	<i>Q11.00</i>		
	Commercial Travelers	70%		
	Groups & Conventions	5%		
	Leisure & Other	25%		
Comments	The Hyatt Place is Hyatt's focused-service product. This hotel is one of the newer properties			
	within the primary competitive lodging supply and caters to the corporate traveler. It features very			
	limited food and beverage options. The Hyatt Place generates one of the highest occupancy levels			
	in the supply, at the sacrifice of average rate. The low government per diem in the Baltimore area			
	continues to suppress average daily rates in this area.			

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	MARRIOTT HOTEL 1743 W. Nursery Road Linthicum, Md. 410-859-8300
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Site Description	Access:	Excellent		
	Visibility:	Excellent		
	Proximity to Demand:	Excellent		
	Distance to BWI Airport:	1.00 mile		
	Distance to Amtrak Station:	1.50 miles		
	Overall Ranking of Site:	Excellent		
Physical Characteristics	Year Open:	1988		
	Number of Guest Rooms:	309		
	Food & Beverage Outlets			
	Full-Service Dining:	Chesapeake Restaurant		
	Cocktail Lounge:	Champions Sports Bar & Restaurant		
	Room Service:	Yes		
	Total Meeting Space:	18,000 sf		
	Largest Meeting Room:	50 		
	Fitness Center:	Yes		
	Swimming Pool:	Yes		
	Complimentary Shuttle to Airport:	Yes		
	Complimentary Shuttle to Amtrak:	Yes		
Operating Trends	Published Single/Double Room Rates	\$209 - \$299		
0 P 010100 Ø 000000	Estimated Year-End 2009 RevPar	\$87.00		
	Estimated Year-End 2010 RevPar	\$91.00		
	Projected Year-End 2011 RevPar	\$100.00		
	Market Segmentation:			
	Commercial Travelers	70%		
	Groups & Conventions	10%		
	Leisure & Other 20%			
Comments	The full-service Marriott Hotel is one of the oldest in the supply, but boasts an upscale			
	refurbishment of all of its public spaces and some of the guest rooms. The Concierge Level is fully			
	renovated. The social areas are modern and o	conducive to meeting and greeting guests. This hotel'		
	utilization levels reflect strong improvement	t in terms of occupancy and rate during the last year		
	The Marriott brand is one of the strongest bra	and affiliations represented in the competitive supply		

Ernst & Associates, Inc.

SHERATON HOTEL 1100 Old Elkridge Landing Rd. Linthicum, Md. 443-577-2100

Site Description	Access:	Good		
	Visibility:	Good		
	Proximity to Demand:	Excellent		
	Distance to BWI Airport:	2.00 miles		
	Distance to Amtrak Station:	2.00 miles		
	Overall Ranking of Site:	Good		
Physical Characteristics	Year Open:	2007		
	Number of Guest Rooms:	203		
	Food & Beverage Outlets			
	Full-Service Dining:	Old Line Grille and Lounge		
	Cocktail Lounge:	Yes		
	Room Service:	Yes		
	Total Meeting Space:	4,600 sf		
	Largest Meeting Room:	4,320 sf ballroom		
	Fitness Center:	Yes		
	Swimming Pool:	Indoor Swimming Pool		
	Complimentary Shuttle to Airport:	Yes		
	Complimentary Shuttle to Amtrak:	Yes		
Operating Trends	Published Single/Double Room Rates	\$109 - \$164		
	Estimated Year-End 2009 RevPar	\$56.00		
	Estimated Year-End 2010 RevPar	\$63.00		
	Projected Year-End 2011 RevPar	\$70.00		
	Market Segmentation:			
	Commercial Travelers	70%		
	Groups & Conventions	10%		
	Leisure & Other	20%		
Comments	The full-service Sheraton Hotel is one of the newer hotels in the supply and is a member of the			
	Starwood Hotels and Resorts. This hotel caters to group meetings and features full-service			
	meeting facilities and services. We note that this hotel's utilization levels are estimated to be far			
	below the majority of the competition.			

	SPRINGHUL Nuites Nuites Natrol	SPRINGHILL SUITES 899 Elkridge Landing Rd. Linthicum, Md. 410-694-0555		
Site Description	Access:	Good		
	Visibility:	Good		
	Proximity to Demand:	Excellent		
	Distance to BWI Airport:	2.00 miles		
	Distance to Amtrak Station:	2.00 miles		
	Overall Ranking of Site:	Good		
Physical Characteristics	Year Open:	2001		
	Number of Guest Rooms:	133		
	Food & Beverage Outlets			
	Full-Service Dining:	No		
	Cocktail Lounge:	No		
	Room Service:	No		
	Total Meeting Space:	1,200 sf		
	Largest Meeting Room:	600 sf		
	Fitness Center:	Yes		
	Swimming Pool:	Indoor Swimming Pool		
	Complimentary Shuttle to Airport:	No		
	Complimentary Shuttle to Amtrak:	No		
Operating Trends	Published Single/Double Room Rates	\$109 - \$164		
	Estimated Year-End 2009 RevPar	\$86.00		
	Estimated Year-End 2010 RevPar	\$85.00		
	Projected Year-End 2011 RevPar	\$95.00		
	Market Segmentation:			
	Commercial Travelers	75%		
	Groups & Conventions	5%		
	Leisure & Other	20%		
Comments	This all-suite, limited-service hotel is part of	the Marriott hotel group. This hotel has very limite		
	food and beverage service. It achieves very high occupancy levels at a rate above most of			
	competitive supply.			

	WESTIN HOTEL 1110 Old Elkridge Landing Rd. Linthicum, Md.

Site Description	Access:	Good			
	Visibility:	Good			
	Proximity to Demand:	Excellent			
	Distance to BWI Airport:	2.00 miles			
	Distance to Amtrak Station:	2.00 miles			
	Overall Ranking of Site:	Good			
Physical Characteristics	Year Open:	2007			
	Number of Guest Rooms:	260			
	Food & Beverage Outlets				
	Full-Service Dining:	Luminous Restaurant and Lounge			
	Cocktail Lounge:	Yes			
	Room Service:	Yes			
	Total Meeting Space:	7,300 sf			
	Largest Meeting Room:	4,600 sf ballroom			
	Fitness Center:	Yes			
	Swimming Pool:	Indoor Swimming Pool			
	Complimentary Shuttle to Airport:	Yes Yes			
	Complimentary Shuttle to Amtrak:	Yes			
Operating Trends	Published Single/Double Room Rates	\$149 - \$409			
	Estimated Year-End 2009 RevPar	\$66.00			
	Estimated Year-End 2010 RevPar	\$78.00			
	Projected Year-End 2011 RevPar	\$73.00			
	Market Segmentation:				
	Commercial Travelers	70%			
	Groups & Conventions	10%			
	Leisure & Other	20%			
Comments	The full-service Westin Hotel is one of the newer hotels in the supply and a member of the				
	Starwood Hotels and Resorts. This hotel caters to group meetings and features full-service				
	meeting facilities and services. The Executive Level (Concierge level) features complimentary				
	breakfast and evening hors d'oeuvres. We note that this hotel's utilization levels are estimated to				
	be far below the majority of the competition. The Westin came on line the same year as its sister property, the full-service Sheraton, and is located adjacent to it.				

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#### Area-Wide Utilization Levels

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 All of the competitors are considered to be first-class, focused-service and/or fullservice hotels. They all cater to commercial travelers, group meeting guests and leisure and other travelers. The direct competitive supply achieved the following composite, historical occupancy and average daily room rates.

In order to more precisely identify hotel market trends as they relate to the subject's competitive supply, Ernst & Associates has relied on a customized report prepared by Smith Travel Research, Inc., a national firm specializing in tracking hotel data. Smith Travel Research is generally considered the standard source of reliable data for most markets. While it is widely utilized, it is important to note some of its limitations. Specifically, hotels are occasionally dropped in and out of the sample, and not all hotels report data in a consistent and timely manner. As a result, the data set is sometimes skewed upwards or downwards depending on the particular market and the overall quality of the data is negatively impacted. For most markets, however, it is considered to provide an accurate overall picture of market performance, and therefore, has been used in this analysis. The hotels included in the STR report were selected based on interviews with representatives of the direct competitive supply and our field research.

Direct Competitive Supply							
Year	Occupancy	ADR	RevPAR	RevPAR % Inc/Dec			
2005	75.2%	\$121.94	\$91.69	-			
2006	73.5%	\$129.00	\$94.84	3.4%			
2007	69.2%	\$130.98	\$90.63	-4.4%			
2008	69.0%	\$122.26	\$84.38	-6.9%			
2009	69.0%	\$111.04	\$76.65	-9.2%			
2010	73.3%	\$106.61	\$78.09	1.9%			
2011 YTD	76.4%	\$107.27	\$81.92	0.7%			
2010 YTD	75.5%	\$107.82	\$81.35	1.5%			

YTD - October

Source: Smith Travel Research and Ernst & Associates

During 2005, the BWI market achieved a composite occupancy of 75.2% and an average daily room rate (ADR) of \$121.94. This year can certainly be considered a peak year, after a lengthy recovery from the events of 2001. In 2006, occupancy dropped slightly, as the ADR increased to \$129.00. This resulted in an overall 3.4% increase in RevPAR (Revenue per Available Room, or the function of ADR multiplied by occupancy). During 2007, the supply of guestrooms in this market increased during this period. This resulted in an overall decline in RevPAR of 4.4%. However, it is noteworthy that occupied rooms actually grew by 10.2%, reflecting the immediate absorption of a significant portion of all the new rooms that entered the market that year. This reflects what appears to be fairly substantial latent demand; that is, demand for rooms that was being turned out of the market due to a lack of sufficient first-class guest rooms.

In 2008 and 2009, the economic recession exacerbated the substantial increase in guestrooms, resulting in fairly flat occupancy levels during both of those years and substantial decreases in the ADR. This resulted in a 6.9% and 9.2% decline in RevPar during 2008 and 2009, respectively. The market began a recovery pattern in 2010 with a 6.1% increase in occupancy; however, the ADR continued to slide another 4.4%. During the first ten months of 2011 occupancy grew by 1.2% and average rate remained almost flat, with a nominal .5% dip, a strong indication that the recovery in this market was gaining momentum. We note that by October 2011 the BWI Airport lodging market had rebounded to that of year-end 2006 in terms of occupancy but the market's area-wide average daily room rate has been dramatically impacted by the increase in supply, coupled by recessionary trends, resulting in an ADR of \$107.27, compared to \$129.00 realized in 2006.

As mentioned, there was a significant increase in rooms available within the defined market area. The following chart summarizes the increases in the available rooms, as well as trends in occupied rooms during the charted period.

Year	Available Rooms	% Inc/Dec	Occupied Rooms	% Inc/Dec
2005	749,345	-	563,403	-
2006	783,505	4.6%	576,048	2.2%
2007	917,140	17.1%	634,597	10.2%
2008	1,020,540	11.3%	704,319	11.0%
2009	1,044,255	2.3%	720,784	2.3%
2010	1,077,115	3.1%	789,010	9.5%

Source: Smith Travel Research

During 2006, there was a 4.6% increase in the supply and about one half of those additions were immediately absorbed. During 2007, a significant increase in supply of 17.1% was followed by another 11.3% the following year. At a time when many markets across the country were feeling the negative impact of the recession, the BWI Airport market was able to realize a 10.2% and 11.0% increase in demand during 2007 and 2008, respectively. These trends are considered indicative of an extremely strong and resilient lodging market and have been given significant weight in our analysis of the market support for additional lodging in the BWI Airport market.

The primary competitors' historical utilization levels (presented as RevPAR) are summarized in the following chart. This data is based on personal interviews with hotel management at each of the properties as well as information provided by confidential contacts in the industry.

			2009 2010		2010 YTD OCT	2011 YTD OCT		
HOTEL	ROOMS	YEAR OPEN	REVPAR		REVPAR	REVPAR	REVPAR	
Aloft	155	2009	\$ 38.0	0	\$ 52.48	\$ 53.12	\$	<del>6</del> 6.40
Comfort Suites	137	1997	N	Α	52.00	52.00		56.00
Courtyard by Marriott	149	1989	86.1	0	87.60	91.96		87.32
Doubletree Hotel	260	1973	N	Α	NA	NA		69.60
Embassy Suites	251	1987	96.3	6	94.71	100.44		84.70
Four Points Sheraton	201	1966	76.3	0	80.58	81.37		83.83
Hampton Inn	182	1986	83.6	0	86.67	89.88		92.13
Hilton Garden Inn	158	2001	87.0	1	83.46	86.67		85.02
Hilton Hotel	280	2006	88.8	0	88.04	91.25		95.76
Homewood Suites	147	1998	88.1	6	81.40	85.47		93.79
Hyatt Place	127	2007	74.5	2	73.95	75.68		77.44
Marriott Hotel	309	1988	87.1	2	91.20	94.38		99.63
Sheraton	203	2007	56.0	5	63.24	65.10		70.08
Springhill Suites	133	2001	86.1	4	84.70	88.48		95.45
Westin	260	2007	65.5	2	78.08	77.49		72.96
Total Rooms	2,952							

Prepared by: Ernst & Associates, Inc. 11/2011

#### Market Segmentation

In most markets, overall demand varies based on the nature of travel. In most markets, the lodging demand is generated from three different segments: Corporate, Group Meeting Guests and Leisure / Transient travelers. In some markets, a fourth classification may be present, such as airline contract or government.

The competitors' market segmentation is summarized in the following chart. This data is based on personal interviews with hotel management for each of the properties, as available.

ESTIMATED MARKET SEGN	dimension	PERCENTAGE OF TOTAL DEMAND				
HOTEL	ROOMS	OPEN	COMM'L	GROUP	LEISURE	
Aloft	155	2009	75.0%	5.0%	20.0%	
Comfort Suites	137	1997	70.0%	5.0%	25.0%	
Courtyard by Marriott	149	1989	70.0%	10.0%	20.0%	
Doubletree Hotel	260	1973	60.0%	30.0%	10.0%	
Embassy Suites	251	1987	60.0%	15.0%	25.0%	
Four Points Sheraton	201	1966	75.0%	15.0%	10.0%	
Hampton Inn	182	1986	75.0%	5.0%	20.0%	
Hilton Garden Inn	158	2001	75.0%	5.0%	20.0%	
Hilton Hotel	280	2006	70.0%	10.0%	20.0%	
Homewood Suites	147	1998	75.0%	5.0%	20.0%	
Hyatt Place	127	2007	70.0%	5.0%	25.0%	
Marriott Hotel	309	1988	70.0%	10.0%	20.0%	
Sheraton	203	2007	70.0%	10.0%	20.0%	
Springhill Suites	133	2001	75.0%	5.0%	20.0%	
Westin	260	2007	70.0%	10.0%	20.0%	
Total Rooms	2952		70.0%	11.0%	19.0%	

Prepared by: Ernst & Associates, Inc. 11/2011

As can be seen in the preceding chart, demand for lodging in this market area can be divided among three primary segments: Commercial Travelers, Group & Convention Demand, and Leisure and Other Travelers. Market segmentation for the direct competitive supply has been consolidated and is summarized in the chart that follows.

Market Segmentation - Direct Competitive Supply				
	Percent of Total Demand			
	70%			
Commercial Travelers	11%			
Group Demand				
Leisure and Other Travelers	<u>19%</u>			
Ecisare and o and	100%			
Total Demand				

Source: Ernst & Associates, Inc.

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Commercial Demand - This demand segment is tied directly to business being conducted in the area, generated by the diversified employment base that includes governmentrelated companies, biotech firms, university business, insurance companies, law firms, and others. The average length of stay for this market segment is approximately one to three days and typically occurs Sunday through Thursday, declining on Friday and Saturday nights. Convenient location, quality of service, and an excellent price-to-value ratio are important factors in this segment. Commercial demand is relatively constant throughout the year with some drop-off in late December and during other holiday periods. Individual business travelers are not overly price-sensitive, influenced by brand loyalty, and generally use a hotel's food and beverage, recreational, and business facilities if they are available. Commercial travelers usually represent a highly desirable and lucrative market segment for hotels because they provide a consistent demand at room rates approaching the upper limit for the area. In the case of the BWI Airport market, government-related demand is priced at a per diem which is generally discounted. Corporate volume demand is a sub-segment of Commercial Demand. It is generated by local firms and includes employees of the company or others doing business with the firm. Rates are often pre-negotiated with the hotel and are sometimes discounted in return for a high number of occupied rooms. Commercial demand represents approximately 70% of total demand for the representative competitive supply of hotels.

<u>Group Demand</u> - The group segment is comprised of travelers desiring a property with meeting space in the area for incentive group functions, social functions, sales meetings, management seminars, new product orientations, and training programs. The remainder of this segment includes regional, local, and some state associations as well as social, military, educational, religious, and fraternal organizations. This segment is defined as any group occupying ten or more. This segment comprises approximately 11% of total demand for the direct competitive supply.

The average length of stay for typical meetings and convention travelers ranges from three to five days. This type of demand typically requires lodging during the commercial week, Monday through Thursday, but associations and social groups sometimes meet over weekend periods. Peak convention demand (for the larger hotels) typically occurs in the spring and fall.

Leisure Travelers and Others - In general, this market is largely comprised of travelers who are visiting area attractions or are en route to other leisure destinations. In addition to travelers requiring lodging, this segment also includes what is commonly referred to as "second bedroom" demand: demand for accommodations for friends and relatives visiting area residents. This segment is seasonal, generating greater lodging demand

during the summer season. Leisure Travelers and Others demand comprises approximately 19% of the overall hotel demand.

# Monthly Seasonality Trends

Monthly occupancy levels for the direct competitive supply are summarized in the following chart. These trends are based on 2010 data.

Direct Competitive Supply Monthly Occupancy Trends					
Month	2010				
	59.5%				
January	65.7%				
February	75.6%				
March	78.7%				
April	80.5%				
May	84.5%				
June	77.0%				
July	74.5%				
August	•				
September	78.5%				
October	79.6%				
November	66.0%				
December	58.6%				
Monthly Average	73.3%				

Source: Smith Travel Research

It is noted that the peak period for the BWI Airport market appears to be from April through July, and September and October. The spring and summer are popular seasons for leisure travelers. September and October have traditionally been very strong periods for Groups and Conventions. The slowest part of the year is November through January due primarily to winter weather.

# Planned or Proposed Additions to Lodging Supply

We contacted the planning department for the Arundel County market area. According to their construction report, a copy of which is included in the exhibits, there are three properties proposed for the market. One of the projects is a 100-room Candlewood which is currently under construction. It is located in the Arundel Mills area and would be considered a secondary competitor to the subject project. The other two projects appear stalled and we have not considered them as viable additions at this time. Even though the one property under construction is not considered a primary competitor, we have included an addition of 100 rooms in 2013 for purposes of our analysis that follows.

Should the actual number of additions to supply differ from the assumptions outlined in our report, it could have a material impact on our estimates of area-wide occupancy and room rate as well as our estimates for the subject hotel; the impact could be material.

#### Projected Market Performance

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We reviewed the direct competitive supply's historical utilization levels previously in this section. The competitive supply finished 2010 with an occupancy level of 73.3% and an average daily room rate of \$106.61. By year-to-date October 2011, the same competitive supply had an area-wide occupancy of 76.4% and an average daily room rate of \$107.27.

Area-wide occupancy has ranged from no growth in 2009 to 6.1% growth in 2010. When looking at the past five years, growth patterns (or decreases in demand) reflect an extraordinary increase in the supply of rooms, as well as a recession. Therefore, historical trends are not necessarily indicative of future trends.

Weekday demand is compared to weekend demand in the following chart. The chart summarizes a period for the months of November 2010 through October 2011.

Occupancy (%	6)							
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total Month
Nov - 10	47.3	68.7	78.7	75.1	67.3	58.7	62.5	66.0
Dec - 10	52.6	65.7	67.8	70.1	59.7	46.5	47.9	58.6
Jan - 11	45.1	69.9	80.0	82.1	72.2	53.6	46.1	63.1
Feb - 11	46.8	74.6	85.6	86.4	74.5	59.7	55.0	68.9
Mar - 11	55.3	80.5	89.9	89.1	73.8	66.9	64.7	75.3
Apr - 11	61.6	77.6	89.5	91.2	81.6	75.1	76.6	78.8
May - 11	64.5	75.4	85.6	92.8	82.0	82.1	84.4	80.4
Jun - 11	66.9	88.1	97.3	93.0	79.3	79.3	82.2	83.9
Jul - 11	62.0	78.0	88.0	89.3	84.8	78.3	82.3	79.8
Aug - 11	66.4	78.0	87.2	85.3	76.6	68.9	65.9	76.3
Sep - 11	65.2	77.3	88.5	90.6	82.2	74.2	76.9	79.2
Oct - 11	57.0	76.3	93.2	92.6	80.6	71.6	78.0	77.7
Total Year	57.5	75.6	85.9	86.3	76.0	68.0	68.7	74.0

Source: Smith Travel Research

These trends demonstrate a very healthy corporate and group market as is evidenced by strong utilization levels Tuesday through Thursday nights. However, a healthy leisure component is also indicated by the relatively strong occupancy levels achieved on Friday and Saturday nights, particularly during the April - July period.

#### Estimated Growth in Lodging Demand - Direct Competitive Supply

In order to estimate growth in demand for lodging, we have analyzed the competitive supply currently operating in the BWI Airport lodging market. We have researched economic and demographic indices that have varying degrees of impact on the demand for lodging, and they were discussed in detail in the Area Analysis section of this report. Some of the economic and demographic indices that impact the demand for lodging, are summarized in the chart that follows.

And BWI Airport								
Economic Indicator	Time Period	CAAG						
Enplanements at BWI	2005 - 2010	2.2%						
Enplanements at BWI	2016-2031	1.8% - 2.6%						
Population	2005 - 2025	.9%						
Employment	2005 - 2025	1.1%						
Mean Household Income	2005 - 2025	1.0%						
Hotel Tax Collections	2005 - 2010/11	1.3%						
Taxable Retail Sales	2005 - 2011	0.1%						
Available Rooms - BWI	2005 - 2010	7.5%						
Occupied Roomnights BWI	2005 - 2010	7.0%						

A review of historical enplanements at BW1 Airport compared to occupied roomnights for the direct competitive supply is summarized in the chart that follows.

Comparison of Enplanements at BWI to Occupied Roomnights Direct Primary Competitive Supply									
Year	Enplanements at BWI	% Inc/Dec	Supply of Rooms	% Inc/Dec	Occupied Rooms	% Inc/Dee			
2005	9,865,928	-	749,345	—	563,403	-			
2006	10,342,883	4.8%	783,505	4.6%	476,048	2.2%			
2007	10,527,954	1.8%	917,140	17.1%	634,597	10.2%			
2008	10,251,860	-2.6%	1,020,540	11.3%	704,319	11.0%			
2009	10,496,842	2.4%	1,044,255	2.3%	720,784	2.3%			
2010	10,996,713	4.8%	1,077,115	3.1%	789,010	9.5%			
CAAG 05-10	2.2%	1.9%		7.5%		7.0%			
CAAG 08-10	3.6%	2.7%		2.7%		5.8%			

Due to the recession which began in 2008, and a significant increase in the number of new rooms added to the market during the last few years, no correlation was found between historical roomnights and historical enplanements at BWI Airport.

We note, as presented in the previous "Area Analysis" section of this report, that a range of scenarios were analyzed that would increase future enplanements at BWI Airport by between 1.8% to 2.6% per year. Based on our research, and these scenarios, we have estimated a growth rate in occupied roomnights of 2% per year throughout the projection period. For purposes of this analysis, we have grown all three primary segments of demand at the same rate as there is no evidence to support significant variances. The market, currently at 77% occupancy, is considered very healthy. With very few additions to supply proposed for the foreseeable future, even at a moderate 2% per year, occupancy levels are estimated to increase to 80% and above, which reflects an extremely strong market. Given the perceived strength of the market, it is likely that an addition to the lodging supply could enter the market during our projection period (the next ten years) that we are not aware of at this time. Considering all factors, we believe our estimates of growth in demand are reasonable.

Our estimates of area-wide occupancy levels are summarized in the supply and demand

chart that follows. Overall, the market is considered healthy and the outlook for the foreseeable future is very good.

#### Supportable Rooms Analysis

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We estimated area-wide occupancy levels in the preceding section. This analysis took into consideration historical trends in growth in demand, as well as any planned or proposed additions to the supply of guest rooms that may enter the market during the projection period. In order to estimate future supportable rooms, we have assumed a stabilized area-wide occupancy level which is based on historical occupancy trends for this market area. The chart that follows summarizes our estimates. In this analysis, we have assumed two scenarios: Area-wide occupancy levels stabilize at 75%, and at 80%. Actual area-wide annual occupancy levels are ranging between 75% and 80%, historically.

The supportable rooms analysis indicates that 200 to 250 rooms are supportable in the target year: 2015. Considering all factors, we have concluded that a 250-room hotel is market supportable by the year 2015. Demand is estimated to continue to grow for the foreseeable future. As the area-wide annual occupancy level exceeds 75%-85%, it is likely that an addition to the supply, unknown at this time, will enter the market. Therefore, even though additional rooms appear market supportable in 2016 and beyond, once the subject hotel enters the market, area-wide occupancy will drop in order to absorb the new guest rooms that were added to the market in 2015.

Estimated Supportable Guest Rooms BWI Airport Primary Competitive Supply										
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Supportable Rooms at 80% A/W	-123	-67	-109	-50	10	71	134	198	263	329
Supportable Rooms at 75% A/W	66	126	87	150	214	280	346	414	483	554

Source: Ernst & Associates, Inc.

It is estimated that if the supply of direct competitors were to maintain an area-wide occupancy level of 75%, and based on the one addition to the supply in 2013 (100-room Candlewood), there would be approximately 214 rooms supportable in 2015, increasing to 280 by 2016. The chart above illustrates the point that if the market were to maintain an area-wide occupancy of 80% or above, there is insufficient support for additional rooms until late in the projection period. On the other hand, even at a healthy occupancy level of 80%, this very resilient lodging market would support up to 263 rooms by 2019.

#### Recommended Design and Sizing of the Hotel

The final design of the proposed hotel will depend on a number of factors. The following recommendations should be considered conceptual in nature and subject to change as the project evolves. Over the last few years major hotel companies have been willing to purpose-design their hotel products to meet the needs of the defined market. For example, a representative from Hilton Hotels said "The Embassy Suites product is a "Kit of Parts". That is, we adapt each part to conform to the demands of a specific market."

It is imperative that the Project be designed to meet and exceed clearly defined customer expectations, particularly as it relates to individual business travelers and group meeting guests. This, coupled with a superior location at the airport, is what will set it apart from the rest of the supply and ensure its ability to capture more than its fair share of lodging demand. On the other hand, the Project will also capture demand from leisure travelers, so the right mix of facilities and amenities must be determined in order to appeal to all of these major segments of lodging demand. Based on our research, we recommend the following facilities and amenities.

#### Guest Rooms

- 250 first-class guestrooms with several specialty suites capable of providing adjunct boardroom space. We believe that a full-service product will provide a competitive advantage and will enhance the project's ability to maximize occupancy and average daily room rates.
- Double-loaded corridors to allow for optimum land use efficiencies
- High definition television and complimentary wireless Internet access
- Work desk with ergonomic chair, good lighting, and telephone/internet
- Comfortable seating for at least two people
- Spacious bathrooms with two-sink vanity

#### Food and Beverage Facilities

- one full-service restaurant serving breakfast, lunch, and dinner
- one fine-dining restaurant serving dinner only
- one cocktail lounge with ample seating for small gatherings
- complimentary coffee service in comfortable socializing area

### Meeting and Banquet Facilities

The following chart summarizes meeting space facilities as a ratio to the number of guestrooms for several of the competitors:

Representative Competitors – Meeting Space							
	No. of Rooms	Meeting Space SF	Ratio to Rooms				
Hotel	260	10,000	38				
Doubletree		5,500	22				
Embassy Suites	251	12,000	43				
Hilton Hotel	280		58				
Marriott Hotel	309	18,000					
Westin Hotel	260	7,300	28				
	201	8,832	44				
Sheraton Four Points	203	4,600	23				
Sheraton Hotel		9,462	38				
Averages	252	5,402					

Meeting space ratios range from 22 to 58 square feet of meeting space per guest room. We believe that the proposed hotel, given its airport location should be very effective in capturing group meeting guests. Overall, we believe an estimate of approximately 50 square feet of meeting space per guest room is reasonable.

- approximately 12,500 gross square feet of state-of-the-art conference and banquet facilities
- several meeting venues

- state-of-the-art furniture, fixtures and equipment including ergonomic chairs, white boards and sophisticated audio/visual equipment
- on-site conference staff
- full-service business center

#### **Recreational Facilities**

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- an indoor swimming pool or lap pool and whirlpool bath
- steam and sauna facilities
- fitness center

#### **Recommended Operator / Brand**

The Project, as envisioned, will be a first-class, full-service, purpose-designed hotel. It is assumed that it will be affiliated with a national hotel company and have access to its reservation system and national marketing network. It is further assumed that the Project will be managed by a competent management company. Hotel brands that fit the profile would include, but not necessarily be limited to, Hyatt, Hilton, Marriott, or Sheraton brands. Hilton, Marriott and Sheraton all have full-service and limited-service products represented in the market place. Currently, there is no full-service Hyatt Hotel in this direct competitive supply, but there is a new Hyatt Place.

#### **Overall Project Design Highlights**

Based on our research we identified the following factors that are important to consider in the final design of the hotel:

- The hotel's overall design should be very modern and sophisticated, at the same time, comfortable, with warm tones and high end finishes, which will serve to attract upscale corporate and leisure guests.
- Meeting space should have audio/visual technology that would be expected by firms in the market area, with the latest in networking, wireless wide bandwidth Internet access with the ability to transfer large amounts of data quickly, and superior meeting room furnishings.
- The food and beverage venues must be carefully planned. An upscale, full service restaurant serving breakfast, lunch and dinner would be considered a necessity. In addition, quick-service themed outlet (coffee bar, for example) might be an appropriate venue for travelers arriving or departing the hotel. A fine dining establishment could be a very successful venue for in-house, as well as from the local area, if available parking is accessible without too much trouble maneuvering through the airport.
- Connectivity between the parking facilities, the terminal, and the hotel will be imperative not only for overnight guests, but also for group meeting attendees and others who will visit the property during the day.

Based on the foregoing facilities and amenities as proposed, the hotel and conference center should meet the needs of the discerning corporate and leisure traveler and should be able to capture more than its fair share of lodging demand.

#### Comparison to On-Airport Hotels

We have compared our facilities and amenities recommendations with several other onairport hotels, summarized in the following chart.

Hotel and Airport Location	Rooms	Year Opened	Meeting Space SF	Meeting Space Per Guest Room	Restaurant & Cocktail Lounge	Swim Pool	Fitness Center/Business Center	Room Rates
Hilton Hotel, Boston Logan	599	1999	30,000	50 SF	Yes	Indoor	Yes/Yes	\$149- \$279
Hyatt Hotel, Boston Logan	270	1991	21,000	78 SF	Yes	Indoor Lap	Yes/Yes	\$189- \$229
Marriott, Detroit Metro Airport	156	1967	6,600	42SF	Yes	Indoor	Yes/Yes	\$169- \$195
Westin, Detroit Metro Airport	404	2002	26,000	64SF	Yes	Indoor	Yes/Yes	\$214- \$379
Marriott, Tampa International	296	2000	18,000	60 SF	Yes	Outdoor	Yes/Yes	\$159- \$199
Hyatt Hotel, Orlando Int'l	446	1992	42,000	94SF	Yes	Outdoor	Yes/Yes	\$188- \$344

Source: Hotel websites

# Market Penetration and Estimated Performance of the Proposed Hotel

When developed, we assume that the proposed hotel will be one of the best quality lodging facilities in the competitive supply. In addition, it will enjoy a "catbird seat" within the Baltimore International Airport. We assume that the hotel will be affiliated with a well-recognized hotel company with national presence, and with access to its reservation system and marketing network. We have also assumed that the property will be competently managed and aggressively marketed prior to and throughout the period of analysis.

The position of the proposed hotel within the competitive lodging market is largely a function of its occupancy and average daily room rates. Guest room occupancy is estimated by evaluating the ability of the hotel to attract a share of demand in each market segment. Average daily room rates are estimated on the basis of the average daily room rates currently being achieved in the competitive market and on the anticipated effects of inflation and changing market occupancy.

The unit of measure in evaluating market share is the penetration ratio. This is defined as a hotel's percentage of demand in a given segment divided by its proportionate or fair share of total room supply. If all properties within a market were equal in quality, location, and rate structure, each could be expected to attract demand in proportion to its size, thereby achieving a penetration ratio of 100 percent. A property which has a competitive advantage in attracting demand from a given segment of the market can be expected to penetrate that segment at greater than 100 percent; the same property may achieve relatively low penetration in a segment in which it is at a competitive disadvantage.

Based on our research in the competitive market, the analysis of market factors, and the proposed location, we believe that there is existing and potential future demand to support the proposed hotel.

The estimated ranges in occupancy and average daily room rate that could be achieved by the proposed hotel in a stabilized year of operation were based on several competitive advantages, as follows.

- The subject will have state-of-the art amenities and appeal to the high-end corporate traveler conducting business in the Baltimore market, as well as group meeting guests and leisure travelers.
- The proposed hotel will be the only property in the competitive supply with direct connectivity to the BWI Airport.
- The proposed hotel will be affiliated with a nationally-recognized hotel company and have access to its marketing and reservation network. It will be the newest property in the market, offering state-of-the-art facilities and amenities.
- The proposed hotel's room rates will be at the high end of the range of rates that can be captured in this market, supported by its superior product level and amenity package.

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#### Direct Competitive Supply - Penetration Levels

The following chart summarizes actual discounts and premiums over their fair share for the competitive supply.

Hotel	Fair Share of	Commercial	Group	Leisure	Overall
	Demand				
Aloft	5.3%	111.7%	48.4%	108.9%	104.4%
Comfort Suites	4.6%	78.2%	36.3%	102.1%	78.3%
Courtyard by Marriott	5.0%	96.4%	89.6%	100.8%	96.5%
Doubletree	8.8%	89.4%	290.6%	54.5%	104.4%
Embassy Suites	8.5%	78.2%	127.1%	119.1%	91.3%
Four Points by Sheraton	6.8%	115.9%	150.7%	56.5%	108.3%
Hampton Inn & Suites	6.2%	115.9%	50.2%	113.0%	108.3%
Hilton Garden Inn	5.4%	108.9%	47.2%	106.2%	101.7%
Hilton Hotel	9.5%	99.0%	92.0%	103.5%	99.1%
Homewood Suites	5.0%	115.9%	50.2%	113.0%	108.3%
Hyatt Place	4.3%	114.7%	53.3%	149.8%	114.8%
Marriott Hotel	10.5%	105.6%	98.1%	110.3%	105.7%
Sheraton	6.9%	95.1%	88.4%	99.4%	95.2%
Springhill Suites	4.5%	115.9%	50.2%	113.0%	108.3%
Westin Hotel	8.8%	83.4%	77.5%	87.1%	83.5%

Source: Ernst & Associates, Inc.

#### Commercial Segment - Penetration Analysis

The leaders in this segment are The Sheraton Four Points, the Hampton Inn & Suites, the Homewood Suites and the Springhill Suites. This is a function of their size, location, and specific orientation or appeal to the commercial traveler.

The subject is located in a strong corporate market and will be positioned to capture this segment of demand. We estimate that the subject's penetration of the commercial segment will be 115% in a stabilized year because of its superior location at the airport and proximity to major corporate demand generators.

#### Group Segment - Penetration Analysis

It is easy to see that the Doubletree, Embassy Suites and the Four Points Sheraton capture the lion's share of demand in this segment. This is due in part to their size, their available meeting space, and most particularly, their marketing efforts to this segment of demand. The Four Points appears to rely on its superior location on airport land with ample parking, and attractive meeting facilities.

Therefore, we have estimated the subject's penetration of the group segment in a stabilized year will be approximately 150% of its fair share of demand.

#### Leisure Segment - Penetration Analysis

The leaders in this segment are the Embassy Suites and the Hyatt Place. The Embassy Suites product has always been a popular choice for leisure travelers who enjoy its atrium design with fun food and beverage venues.

The subject's location at the airport will constrain the capture of this segment of demand for the subject hotel. We have estimated that the subject's penetration level in this segment will be approximately 55% of its fair share in a stabilized year of operation.

Overall, the subject's market mix is projected to be 75% corporate business, 15% group business, and 10% leisure business. This market mix is reasonable given the subject's proposed location at the Baltimore International Airport.

#### Estimated Future Occupancy and Average Room Rates - Proposed Hotel

Our estimates of the subject's future occupancy and average room rates are summarized in the following chart.

		ASTR	Average Dail	Average Daily Room Rate		
Year	Estimated Occupancy	Penetration of Fair Share	2011\$	Inflated \$		
2015	71%	96%	\$120.00	\$135.00		
2016	77%	101%	\$120.00	\$139.00		
2017	82%	107%	\$120.00	\$143.00		
2018	85%	107%	\$120.00	\$148.00		
2019	86%	107%	\$120.00	\$152.00		

Source: Ernst & Associates, Inc.

\*Room rates are rounded to the nearest \$1.00 and reflect inflation assumptions as discussed in this report.

We estimate the proposed hotel's occupancy will stabilize at approximately 85% by year four. This assumes that the subject will capture approximately 107% of its fair share of total demand. The reader will note that based on continued growth in area-wide demand, the subject's estimated occupancy levels have the potential of increasing through 2019 and beyond. However, we have no empirical evidence to support growth beyond a stabilized occupancy of 85% based on historical growth patterns in the market and the likelihood that an addition to supply will enter the market that is unknown at this time. Therefore, for planning purposes, we suggest that a stabilized occupancy level of 85% is reasonable and achievable.

The subject's average daily room rate is estimated to be \$120 stated in 2011 dollars, or \$135 in its first year of operation. At \$120, this rate is above that of the Doubletree but slightly below the Embassy Suites. It is reasonable to assume that the subject would position rates below that of the Embassy but clearly above the Four Points Sheraton.

The proposed hotel's estimated market segmentation in its fourth year is summarized in the following chart.

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	Estimated Roomnights	Percent	Premium/Discour Over Fair Share	
Commercial Travelers	57,900	75%	115%	
Group Meetings	11,600	15%	150%	
Leisure Travelers	7,600	10%	55%	
Total Demand	77,100	100%	107%	
Occupancy	85%			

Source: Ernst & Associates, Inc.

#### Proposed First-Class Hotel BWI Airport, Baltimore, MD

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AREA WIDE MARKET SUPPLY AND DEMAND

Year		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Roomnights Available											
Base		1,077,480	1,077,480	1,077,480	1,113,980	1,113,980	1,205,230	1,205,230	1,205,230	1,205,230	1,205,230
Candlewood Hotel - 100 Rooms		0	0	36,500	0	0	0	-0	0	0	0
Other Proposed Hotel		0	0	0	0	0	0	0	0	0	0
Subject Hotel		0	0	0	0	91,250	0	0	0	0	0
Total		1,077,480	1,077,480	1,113,980	1,113,980	1,205,230	1,205,230	1,205,230	1,205,230	1,205,230	1,205,230
Percent Change				3.4%	0.0%	8.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Occupied Roomnights	Market Mix										
Percent Increase								122.7.12			
Commercial Roomnights	70%	579,055	590,637	602,449	614,498	626,788	639,324	652,110	665,153	678,456	692,025
Percent Increase										101 507	100.047
Group Roomnights	11%	89,213	90,997	92,817	94,673	96,567	98,498	100,468	102,477	104,527	106,617
Percent Increase	• • • • • • •				400.000	474 074	475 407	170 000	400 400	185.825	189,542
Tourists Roomnights	19%	158,600	161,772	165,008	168,308	171,674	175,107	178,609	182,182	100,020	103,342
Total Occupied Roomnights		826,042	843,405	860,274	877,479	895,029	912,929	931,188	949,811	968,808	988,184
Cumulative Percent Increase			2.1%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Area-Wide Occupancy		77%	78%	77%	79%	74%	76%	77%	79%	80%	82%
SUBJECT HOTEL PROJECTIONS											
Number of Rooms						250	250	250	250	250	250
Roomnights Available						91,250	91,250	91,250	91.250	91,250	91.250
Fair Share						7.6%	7.6%	7.6%	7.6%	7.6%	7.6%
Commercial Penetration of Fair Share						108%	110%	115%	115%	115%	115%
Captured Roomnights	75%					51,252	53,245	56.778	57,914	59.072	60.254
Group Penetration of Fair Share						100%	125%	145%	150%	150%	150%
Captured Roomnights	15%					7.311	9,322	11.030	11,638	11.871	12,108
Tourist Penetration of Fair Share						50%					55%
Captured Roominghts	10%					6,499	7.292	7.438	7.586	7.738	7.893
Total Captured Roomnights						65,062	69,858				80,255
Percent Increase								7.7%			
Overall Penetration						96%	101%	107%	1079	% 107%	107%
Projected Occupancy - Subject						71%					
Projected Average Room Rate - Subject						\$135	5 \$139	\$143	\$14	8 \$152	\$157
Note: Please see accompanying notes and assumption	ns in written report.										
Prepared by: Ernst & Associates, Inc.											

Ernst & Associates

## ASSUMPTIONS AND LIMITING CONDITIONS

Standards Rule (S.R.) 2-1 of the Standards of Professional Appraisal Practice of the Appraisal Institute requires the consultant to "clearly and accurately disclose any extraordinary assumption or limiting condition that directly affects the appraisal (or consulting assignment) and indicate its impact on value." In compliance with S.R. 2-1, and to assist the reader in interpreting this report, such Assumptions and Limiting Conditions are set forth as follows:

- 1. The conclusions and opinions expressed in this report apply to the date of value set forth in the letter of transmittal accompanying this report. The dollar amount of any value opinion or conclusion rendered or expressed in this report is based upon the purchasing power of the American dollar existing on the date of value.
- 2. The consultant assumes no responsibility for economic, physical, or demographic factors which may affect or alter the opinions in this report if said economic, physical, or demographic factors were not present as of the date of the letter of transmittal accompanying this report. The consultant is not obligated to predict future political, economic, or social trends.
- 3. In preparing this report, the consultant was required to rely on information furnished by other individuals or found in previously existing records and/or documents. Unless otherwise indicated, such information is presumed to be reliable. However, no warranty, either expressed or implied, is given by the consultant for the accuracy of such information and the consultant assumes no responsibility for information relied upon later found to have been inaccurate. The consultant reserves the right to make such adjustments to the analyses, opinions, and conclusions set forth in this report as may be required by consideration of additional data or more reliable data that may become available.
- 4. Unless otherwise stated, the subject property is evaluated assuming it to be in full compliance with all applicable zoning and land use regulations and restrictions.
- 5. Possession of this report, or a copy of it, does not carry with it the right of publication. Without the written consent of the consultant, the report may not be used for any purpose by any person other than the party to whom it is addressed. In any event, this report may be used only with proper written qualification and only in its entirety for its stated purpose.
- 6. The conclusions contained in this report may be based, in part, upon projections of future income and expenses. While these projections have been based upon the best available data, judgment, and experience, there is no guarantee or warranty that these projections will occur. For purposes of this analysis, we have assumed an opening of January 1, 2008. Any change in the actual opening date, as well as additions to supply as stated in this report, could alter our estimates of occupancy and average daily room rate for the subject hotel, and the differences could be material.

	EXHIBITS	
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# EXHIBIT A SITE PLANS AND PHOTOGRAPHS

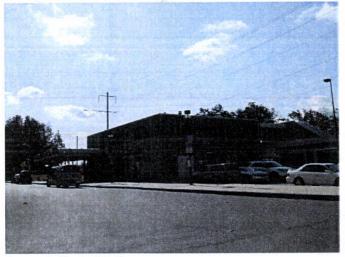
## AMTRAK TRAIN STATION SITE



Exit to Train Station



Approach to Amtrak Train - Parking on Left



Amtrak Train Station



View of Train Tracks



Amtrak Train Station with Parking to the Right



Parking Structure

### BWI AIRPORT SITE



Entrance to BWI Airport



View of Hourly Parking Garage from Lot



View from Hourly Parking Structure



Entrance to Hourly Parking at BWI



View of Parking Lot and Airport Structures



Sheraton Four Points and Parking

EXHIBIT B SMITH TRAVEL RESEARCH LODGING TRENDS REPORTS

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June         July         August         September           85.7         84.2         80.3         79.3           86.8         74.3         79.3         79.3           79.4         71.7         76.5         77.4           77.5         71.0         76.5         77.4           81.6         71.0         76.5         77.4           81.6         77.0         76.5         77.6           84.5         77.0         74.5         71.6           83.9         77.0         74.5         78.5           83.9         79.8         76.3         79.2           82.6         76.2         75.8         79.2           82.6         76.2         75.8         76.3	June         July         August         September           June         July         August         September           26.12         122.27         120.45         124.09           37.08         126.53         127.66         134.86           32.34         117.10         118.51         135.74           32.34         117.10         118.51         123.54           112.49         107.77         108.37         109.23           112.53         105.34         108.37         109.23           110.53         105.34         108.37         110.65           112.63         105.34         109.26         111.05           120.53         105.34         109.26         111.05           120.53         105.34         109.26         111.05           120.58         114.70         116.74         120.53	June         July         August         September 98.40           108.13         10.298         96.74         98.40           119.03         94.06         101.25         109.69           119.03         94.06         101.25         109.69           95.74         83.19         91.08         99.15           95.74         83.19         91.08         78.25           93.39         81.21         80.83         86.15           93.48         81.21         80.83         86.85           93.48         81.21         80.83         86.85           93.48         81.26         83.32         87.95           94.48         87.45         88.49         92.64	June         July         August         September           June         July         August         September           61.590         63,643         63,643         61,590           61.590         63,643         63,643         61,590           61.590         63,643         63,643         61,590           76,080         63,643         63,643         63,633           83,880         86,676         91,481         88,530           88,550         91,481         98,530         91,481         88,530           88,550         91,512         91,512         88,550         77,730           80,321         81,510         80,321         81,007         79,594	June         July         August         September           52,805         53,602         51,117         48,840           53,461         47,276         50,477         56,926           60,385         56,356         60,172         58,879           60,385         56,356         60,172         58,879           63,602         61,172         58,879         66,529           63,603         65,356         66,172         58,879           68,433         61,375         66,579         60,539           74,803         70,471         68,198         69,487           74,295         70,471         68,198         69,487           64,184         61,236         61,406         61,180	Jume         July         August         September           ,660,012         6,553,964         6,157,074         6,00,482         5,906,482           ,330,985         5,596,543         6,443,997         7,617,120         7,617,120           ,994,075         7,143,875         7,786,784         7,992,517         7,930,582         7,934,865           ,030,582         7,143,875         7,894,856         7,481,245         7,891,451           ,030,582         7,426,671         6,927,451         7,394,801         7,686,611
Septe	Sep	Sept	seb	Sep	
			2000000		
October         November         De           78.1         69.7         78.1           78.1         69.7         73.3           74.6         57.7         63.6           72.1         62.3         77.7           79.6         66.0         77.7           76.0         63.5         66.0	October November De 125.41 123.52 138.75 123.52 133.73 126.69 124.29 116.22 106.83 103.00 107.73 102.70 110.71 119.74 115.62	October         November         D           97,98         86,11         100.77           97,98         86,11         100.77           99,80         73.06         93.06           99,80         73.92         64,19           85,73         64,19         67,82           85,63         73.44         73.44	October November D 63,643 61,590 72,323 69,990 86,676 83,880 91,481 88,530 91,481 88,530 91,418 88,530 91,512 79,400	October         November         C           49,723         42,935         43,18           55,524         43,318         43,318           58,673         53,348         65,977           66,962         53,348         55,173           72,800         56,457         56,173           72,800         56,457         56,457           71,101         50,434         50,434	October         November         I           6,235,842         5,303,445         7,383,445         7,386,255         6,128,352         6,669,716         7,346,255         6,128,352         6,128,352         6,128,352         6,200,160         7,048,163         5,682,682         7,048,163         7,842,401         6,003,721         7,342,401         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,003,721         7,342,401         7,014,163         7,003,721         7,014,163
* * * *	December         Total Year         Oct YID           115.34         121.94         122.29           117.32         129.00         129.88           117.32         120.98         131.93           123.30         130.98         131.93           146.61         122.26         123.37           99.63         111.04         112.37           99.63         111.04         112.37           99.63         119.45         107.82           109.65         119.45         118.33	December         Total Year         Oct YTD           64,77         91.69         94.98           54,85         94.84         100.86           54,85         90.63         96.45           57,47         90.63         96.45           55,41         76.65         87.70           55,41         76.65         80.17           56,11         78.09         81.35           56,18         85.20         88.09	December         Total Year         Oct YTD           63,643         749,345         624,112           72,323         783,505         641,192           72,323         733,505         641,192           86,676         1,020,5,00         849,984           91,481         1,027,515         897,104           91,481         1,077,115         897,318           82,047         931,983         788,648	December         Total Year           35,740         563,403           35,740         563,403           33,815         576,048           40,401         704,319           46,718         704,319           50,882         720,784           53,651         789,010           43,535         664,694	December         Total Year         Oct YTD           4,122,241         68,703,977         59,278,291           3,967,218         74,309,969         64,673,025           4,81,470         83,119,917         72,010,095           5,367,378         86,113,139         74,545,601           5,069,303         80,138,925         69,266,940           5,132,994         84,117,063         72,380,348

Tab 3 - Percent Change from Previous Year - Detail by Measure

Linthricum, MD Area Selected Properties Job Number: 394730\_SADIM Staff: KD Created: December 14, 2011

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	January	February	March	April	Mav	anni	hulu	Austral	Contraction				The second se	Contraction of the second
2006	68	80	0 4	40			L'ino	Isugur	Janualdac	October	November		Total Year	Oct YTD
1000		2.2	P, f	0.2-	3.0	1.3	-11.8	-1.3	2.6	-7.0	-9.2		00-	00
1007	0.01-	1.11-	-1./	-8.0	-7.4	-8.6	-3.5	-3.5	-4.8	28	08-		0.0	
2008	4.5	-9.5	-12.5	1.6	36	5 67	0.0	N C	1	) L			-0.9	-0.0
2009	12.0	6.3	0.8	00	7.0	6 3			1.0	0.0	0.01		-0.3	-2.8
2010	-0.2	5 8	11 1			2	0.1	-0.1	-0.8	-0.0	-2.0	3.2	0.0	0.1
2011	5			0.4	0.0	0.0	0.0	7.5	9.6	10.3	6.0		6.1	6.1
		0.0	-0.4	0.2	-0.1	-0.7	3.6	2.3	0.9	-2.4				C F
Avg	0.7	0.8	0.2	-0.8	0.1	-0.3	-0.7	2.0-	10	¢	0			7.1
										- · n	0.0-	+	-0.4	-0.2
										Ċ				
ADB	Construction of the second		Contraction of the second s	「日本のない」というである	A STATE OF A	CALIFORNIA CONTRACTOR OF A DESCRIPTION OF A DESCRIPANTE A DESCRIPANTE A DESCRIPANTE A DESCRIPTION OF A DESCR	State of the state	A DE CONTRACTOR DE LA DESCRIPTION DE LA DESCRIPR						
	the of the second second second	「「「「「「「」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」	National States of the second	and the second second	States of the state of the state	Manifestion and a second							The second second second	
	January	February	March	April	Mav	annt	hulv	Austral	Contomber					A DESCRIPTION OF THE OWNER OWNE
2006	22	4 9	R R	0.2			Aine	Isugur	Januardae	October	November	December	Total Year	Oct YTD
LUNC	1 1		0.0	0.0	4.7	8.7	3.6	6.0	8.7	10.6	3.6	1.7	58	6.2
1002	0.0	4.1	4.2	4.9	4.2	-3.4	0.1	14	0.7	36			o u	
2008	-2.2	-3.5	-4.7	-51	U B D	6.7	20					- · ·	0.1	0.1
2009	17	0			0.0	1.0	0.1-	-0.4	-9.0	-1.1	ф.	-6.8	-6.7	-6.5
		0.0-	0.0	4.9	-12.1	-8.9	-8.0	-8.6	-11.6	-14.0	-11.4	-13.3	C 0-	96
2010	-18.4	-12.3	-4.9	-7.1	-1.5	-1.7	66-	0 1	۰ ۲	a c			4.0	0.0-
2011	-2.9	-2.7	4.3	P C-	0.0	0			0.0	0.0	- <u>-</u>	0.4	-4.0	4.3
Ava	P C-	C.	+ c		0.0	2		0.0	0.3	2.3				-0.5
2	1.7	0.2-	1.2-	7.2-	-2.0	-1.7	-2.4	-1.5	-1.6	-1.8	-3.5	-3.5	-25	00
REVPAR	The second se					「「「「「「「「」」」」		A DESCRIPTION OF TAXABLE PARTY.	「「「「「「」」」」」」		BILLING STATISTICS	The second second second second second		The local distance of
	January	February	March	Anril	Mari		Sector of the se		a state of the sta	the second second second	Support of States of States	Contraction of the second	Contraction of the second second	「「「「「「「」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」
2006	, t a	C 11	00	e c	and y	auno	Ainc	August	September	October	November	December	Total Year	Oct YTD
2000		4 L	0.0	2.3	Q.D	10.1	-8.7	4.7	11.5	2.8	-5.9	-15.3	3.4	6
1002	7.11-	ç./-	2.4	-3.5	-3.5	-11.7	-3.4	-2.2	-4.2	-10	A 0-	4.8		4.4
8002	-6.6	-12.7	-16.6	-3.6	-4.7	-8.9	-8.5	-8.0	.15.1	9 6	, c	1		t i
2009	13.8	0.9	-7.8	-8.2	-10.0	1 1	0.0	17.5		0.0	2.1	1-1	-0.9	-9.1
2010	-18.6	C 2-	5.6	4.6	0.0		0.0-	C'11-	-12.3	-19.8	-13.2	-10.5	-9.2	-8.6
2011	0.0	4 0	0.1	4.0-	0.0	1.7	-1.6	7.5	11.0	11.3	5.6	1.3	1.9	1.5
1107	3.0	2.2	4.7	-2.3	0.8	1.2	3.5	3.1	1.3	-0.1				
Avg	-1.7	-1.7	-1.9	-3.1	-18	0.07	0 5	+ 0						0.7
					2	0.4	7.6-	1.2-	0.1-	-1.8	-4.4	-2.4	-3.0	-2.3
Supply	のないないないない		and the second se	日の行うというと言語	Contraction of the second s	and the state of t	ALL AND	Contraction of the second s	CALL OF THE REAL PROPERTY					
and the second second	Innunu	Cabarrant		State of the state	and the second production of the	Supervision and and	A CONTRACTOR OF A CONTRACTOR O	Support of the suppor		The other School and the second		- Contraction of the second se		
2006		Leuruary	March	April	May	June	July	August	September	October	November	December	Total Year	Oct YTD
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	13.6	13.6	13.6	4.6	2.2
1007	0.01	13.0	13.6	13.6	23.5	23.5	23.5	23.5	8.7	8.7	19.8	19.8	17.1	16.4
0000	0.5	19.8	19.8	19.8	10.3	10.3	10.3	10.3	10.3	10.3	0.0	0.0	11.3	13.8
6007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5	5.5	5.5	23	P + 1
0102	0.0	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0		3.8
1102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Avg	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.6	64	6.4	7 8	7.0	L L .	0.0
											1			t
and the state of t	A REAL PROPERTY AND A REAL	AND STREET, ST	A CONTRACTOR OF A CONTRACTOR O			78								
Demand	「「「「「「「」」」	and the second second second	Provinsi Martinia and	and the second second	and the second se					THE REAL PROPERTY.	STATES AND ADDRESS	のないのないのである。		
0000	January	February	March	April	May	June	July	August	September	October	November	December	Total Year	Oct VTD
0007	0.0	0°.9	4.0	-2.6	3.6	1.3	-11.8	-1.3	16.6	5.6	3.2	-5.4	22	2 2
1002	t i †	0.4	7.11	4.6	14.4	12.9	19.2	19.2	3.4	11.7	9.1	19.5	10.2	9.6
0007	0.4	Q.4	4.9	21.8	14.2	7.7	9.3	10.7	2.9	14.1	10.3	15.6	110	10.7
2009	12.0	6.3	0.8	0.2	-7.9	5.3	7.8	-4.7	4.7	- 1 S	3.4	0.0	0.0	
2010	5.4	11.7	17.3	9.7	14,5	9.2	6.2	7.5	9.6	5.01		0.0	0.7	1.1
2011	6.1	5.0	-0.4	0.2	-0.1	-0.7	3.6	5.6	0.0	0.0	0.0	1.0	a.0	1.01
Avg	6.7	6.8	64	5.7	5				0.1	C.2-				1.2
•			5	5	0.0	0.0	1.6	0.0	6.3	6.3	6.4	8.8	7.0	6.0
Revenue	NAME OF CASE	語になっていた。東京				ALC: NOT THE REAL PROPERTY OF		STATE OF THE OWNER OWNE	A REAL PROPERTY OF A REAL PROPER	And the second se				
	Inninel	Colonian.	A NUMBER OF STREET, ST	Active State Concerne	ALL IN THE REPORT OF THE PARTY	Property and a lot of the second	and the second se	BALL AND				and the second se	and the second second	
2006	0 1	14.2	March	April	May	June	July	August	September	October	November	December	Total Year	Oct YTD
2002	- 0	7.41	a.a	2.3	8.5	10.1	-8.7	4.7	26.7	16.9	6.9	-3.8	8.2	9.1
1002	0.9	5.1	16.4	9.7	19.2	9.0	19.3	20.8	4.1	7.7	81	25.6	110	11.2
2008	11.9	4.6	-0.1	15.5	5.1	0.5	0.9	14	-6.4	51	1 2	7.7		0.1
2009	13.8	0.9	-7.8	-8.2	-19.0	4 4	9 0	0.01			4 G	1.1	0.0	3.5
2010	-14.0	-2.0	115	20	7.01	er.	0.0	- 16.3	4.1-	-10.3	-8.3	-5.6	-7.1	1.7-
2011	3.0	0.0	2.1.	0.4	1.2	0.0	<u>ה</u> מ	Q. /	11.0	11.3	5.6	1.3	5.1	5.3
AVA	1.1	2.2	- +	7.7-	0.9	7.7	3.5	3.1	1.3	-0.1				0.7
BAW	<del>.</del> -	4.2	4.2	3.2	4.6	4.0	3.0	4.1	4.9	4.4	2.7	5.1	4.3	3.8

December	73.5 69.0 69.0 69.0 73.3	December 129.00 130.98 112.26 111.04 106.61	December 94,84 90,63 90,63 84,38 76,65 78,09	December 783,505 917,140 1,020,540 1,042,255 1,077,115	December 576.048 634.597 704.319 720.784 789.010	December 74,309,959 83,119,917 86,119,139 86,131,139 80,038,925 84,117,063
November	74.6 69.6 68.9 68.9 73.0	November 128.84 130.74 112.11 106.91	November 96.11 90.95 90.95 84.00 77.29 78.04	November 774,825 902,787 1,020,540 1,039,450 1,077,115	November 577,973 628,011 698,002 716,620 786,241	November 74,464,982 85,727,231 86,337,000 84,053,372
October	75.2 70.2 67.9 69.1 72.7 74.0	October 128.51 130.85 123.60 113.12 106.94 106.15	October 96.68 91.85 83.93 78.14 77.74 78.57	October 766,425 888.897 1,020,540 1,024,410 1,077,115 1,077,329	October 576,590 623,958 633,225 714,795 782,957 782,957 797,428	October 74,098,711 81,647,029 85,655,423 80,854,478 83,732,333 84,648,364
September	75.7 70.0 67.6 69.5 72.1 74.2	September 127.31 131.25 124.40 114.74 106.85 105.33	September 96.40 91.87 84.13 84.13 79.74 77.00 78.58	September 757,745 882,604 1,012,480 1,022,495 1,077,1296 1,077,298	September 573,789 617,809 684,736 715,780 776,134 776,134	Covenue (5)         January         February         March         April         May         June         July         August         September         October         November         Decent           2006         69.731/620         69.732/480         71,303.811         71,403.863         71,430.266         73,045,924         73,045,924         74,609,711         74,464,982         74,309.96           2007         74,30571         83.7460         77,609.791         71,710,784         71,143,363         80,773,006         81,088,403         81,647,029         82,106,665         83,119,9           2008         83.73560         74,300.516         85,582,344         85,582,344         85,582,344         85,665,473         80,737,000         83,773,000         83,773,000         83,772,023         80,113,11           2009         86,918,656         83,992,884         85,647,233         84,661,768         85,582,344         85,685,473         80,3377,000         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700         86,134,1700
August	75.5 70.3 68.0 69.5 71.5 74.1	August 126.27 131.16 115.45 115.45 106.71 105.90	August 95.32 92.15 85.29 85.29 86.29 76.29 78.49	August 749,345 876,514 1,004,880 1,025,345 1,077,215 1,077,268	August 565,703 615,856 683,056 683,056 712,919 770,067 798,465	August 71,430,286 80,773,006 85,680,415 82,682,644 82,165,644 82,1554,614
AIIIL	75.6 70.4 67.9 71.1 71.1	July 125,62 131,04 116,49 116,70 106,70	July 94.94 92.20 85.87 82.01 75.81 75.81	July 749.345 861.541 996.620 1.020.540 1.077.237	July 566.343 606.161 676.608 716.070 765.338 796.876	July 71,143,363 79,430,219 85,582,344 81,660,178 84,324,303
anul	76.4 70.5 69.7 71.0 73.7	June 125.22 131.09 127.37 101.7 105.83	June 95, 70 92, 46 86, 51 75, 89 78, 04	June 749,345 846,568 988,560 1,020,540 1,072,310 1,077,206	June 572,069 597,081 671,389 711,285 761,217 794,325	June 71,710,784 78,272,887 85,516,046 83,758,957 81,381,926 84,061,052
Mav	76.3 70.9 69.4 70.7 7.3.8	May 124,20 131,50 128,21 118,79 107,06 105,63	May 94,80 93,27 87,16 87,16 82,39 75,70 77,95	May 749,345 832,078 980,760 1,020,540 1,067,660 1,077,176	May 571,993 590,177 666,740 707,846 754,897 794,833	May 71,039,811 77,609,797 85,479,539 84,085,712 80,817,710 83,961,580
rage	76,1 71,3 67,7 69,9 70,1 73,8	April 123.65 130.94 129.26 107.19 107.19	April 94.08 93.34 87.44 84.02 75.19 77.88	April 749,345 817,105 972,700 1,020,540 1,062,865 1,077,145	April 570,130 582,461 658,057 713,355 745,592 794,880	April 70,495,822 76,267,450 85,055,441 85,747,253 79,916,417 79,916,417 83,893,100 d Italicized.
Twelve Month Moving Average Area Selected Properties 4730_SADIM Staff: KD Created: December 14, 2011	76.3 71.7 67.4 69.9 69.9 69.9 73.8	March 123.12 130.41 129.87 121.14 107.88 107.88	March 93.89 93.56 87.60 84.66 75.38 75.38	March 749.345 808.705 958.810 1,020.540 1,058.205 1,077.115	March 571,446 580,194 646,716 713,201 739,408 794,731	March         A           70,353,793         70,4958           75,662,5145         70,4956           83,999,070         85,055,4           86,398,483         85,0747.2           79,705,542         79,916,4           84,058,381         83,933.1           84,058,381         83,933.1
Month Mov operties Staff: KD Created	76.0 71.8 68.2 69.8 69.8 69.2 73.8	February 122.53 129.53 130.43 122.03 108.32 106.17	February 93.12 93.28 88.93 85.22 74.99 78.37	February 749,345 800,025 944,457 1,020,540 1,077,115	February 569,506 574,357 643,357 643,367 712,705 729,227 795,029	February 69,782,148 74,624,267 83,992,824 86,973,167 78,990,319 84,411,900 84,411,900
Twelve Mont Area Selected Properties 94730_SADIM Staff: KI	January 72.5 68.8 69.6 69.0 73.6	January 122.13 129.49 130.75 102.45 106.38	January 92.26 93.26 89.90 85.17 75.41 75.41 78.25	January 792,185 792,185 931,493 1,020,540 1,072,115	January 564.068 574.207 640.442 709.837 723.558 732.323	January 69,131,820 73,356,800 83,740,671 86,918,656 79,108,192 84,288,816 84,288,816 boxed.
Tab 5 - Twelve Linthicum, MD Area Selected Job Number: 394730_SADIM Occupaney (%)	2006 2007 2009 2009 2010 2011	ADR (5) 2006 2007 2009 2010 2011	RevPAR (5) 2006 2009 2009 2010 2011	2006 2007 2009 2009 2010 2011 2011	Demand 2006 2007 2008 2008 2010 2011	Revenue (5) Ju 2006 69.13 2007 74,31 2009 86.9 2010 79,11 2011 84.2 High value is boxed.

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Job Number: 394730\_SADIM Staff: KD Created: December 14, 2011 Linthicum, MD Area Selected Properties

74.0	68.7	68.0	76.0	86.3	85.9	75.6	57.5	Total Year
77.7	78.0	71.6	80.6	92.6	93.2	76.3	57.0	Oct - 11
79.2	76.9	74.2	82.2	90.6	88.5	77.3	65.2	Sep - 11
76.3	65.9	68.9	76.6	85.3	87.2	78.0	66.4	Aug - 11
79.8	82.3	78.3	84.8	89.3	88.0	78.0	62.0	Jul - 11
83.9	82.2	79.3	79.3	93.0	97.3	88.1	66.9	Jun - 11
80.4	84.4	82.1	82.0	92.8	85.6	75.4	64.5	May - 11
78.8	76.6	75.1	81.6	91.2	89.5	77.6	61.6	Apr - 11
75.3	64.7	66.9	73.8	89.1	89.9	80.5	55.3	Mar - 11
68.9	55.0	59.7	74.5	86.4	85.6	74.6	46.8	Feb - 11
63.1	46.1	53.6	72.2	82.1	80.0	69.9	45.1	Jan - 11
58.6	47.9	46.5	59.7	70.1	67.8	65.7	52.6	Dec - 10
66.0	62.5	58.7	67.3	75.1	78.7	68.7	47.3	Nov - 10
<b>Total Month</b>	Sat	Fri	Thu	Wed	Tue	Mon	Sun	

	00.1	00.0	. 0.0	00.0	0.00		01 10	
74	68.7	68.0	76.0	86.3	85.9	75.6	57.5	Nov 10 - Oct 11
72	66.8	65.7	75.2	85.0	84.8	74.8	56.8	Nov 09 - Oct 10
69.1	64.4	66.7	71.3	80.2	79.7	69.9	51.6	Nov 08 - Oct 09
Total Yea	Sat	Fri	Thu	Wed	Tue	Mon	Sun	

i otal Year	Oct - 11	Sep - 11	Aug - 11	Jul - 11	Jun - 11	May - 11	Apr - 11	Mar - 11	Feb - 11	Jan - 11	Dec - 10	Nov - 10		Statement of the local division of the local
96.50	100.85	100.95	101.62	96.14	100.53	99.05	93.09	95.73	90.04	91.25	89.46	93.02	Sun	A NUMBER OF TAXABLE PARTY.
111.70	115.96	116.22	113.53	113.33	118.49	115.27	109.78	110.64	107.67	105.59	101.70	108.55	Mon	THE R. P. LEWIS CO., LANSING MICH.
118.32	125.46	123.91	119.10	120.47	127.70	121.91	118.00	116.33	112.91	112.20	102.60	113.64	Tue	STUDIES CONTRACTOR OF STREET, ST.
117.71	126.21	124.73	117.37	119.88	124.01	121.79	117.50	114.78	113.01	112.45	104.79	112.77	Wed	CONTRACTOR DATE
108.00	112.49	113.32	110.72	108.50	112.61	109.75	107.59	104.58	105.43	106.94	97.33	102.89	Thu	「日日」となるのというとなるというと
90.61	92.81	96.43	93.25	90.82	96.06	94.47	89.83	87.37	84.66	85.86	81.63	86.79	Fri	N DOWN DOWN DOWN DOWN
91.60	92.55	97.96	96.30	91.86	98.24	97.19	90.93	87.80	83.53	83.38	82.25	87.44	Sat	「二日、二日、二日、二日、二日、二日、二日、二日、二日、二日、二日、二日、二日、二
106.15	110.21	111.03	109.26	105.34	112.63	109.37	103.94	104.95	101.90	101.59	95.67	102.70	<b>Total Month</b>	States of the second se
									Total 3 Yr	Nov 10 - Oct 11	Nov 09 - Oct 10	Nov 08 - Oct 09		THE REAL PROPERTY AND ADDRESS OF THE REAL PROPERTY A
									98.91	96.50	97.21	103.71	Sun	A COMPANY AND A
									115.10	111.70	112.78	121.59	Mon	
									121.54	118.32	119.25	127.68	Tue	
									120.67	117.	118.6	126.	W	

111.05 Thu 115.88 109.73 108.00

91.89 Fri 94.31 90.87 90.61

1

Sat 93.94 90.97 91.60 92.13

Total Year 113.12 106.94 106.15 108.59

78.57	62.94	61.59	82.13	101.60	101.64	84.49	55.52	Total Year
85.63	72.19	66.48	90.68	116.91	116.87	88.49	57.46	Oct - 11
87.95	75.31	71.58	93.19	113.04	109.64	89.88	65.77	Sep - 11
83.32	63.47	64.24	84.82	100.11	103.91	88.56	67.51	Aug - 11
84.06	75.61	71.11	92.06	106.99	106.02	88.44	59.61	Jul - 11
94.48	80.71	76.18	89.35	115.36	124.24	104.36	67.26	Jun - 11
87.94	82.02	77.59	89.98	112.97	104.37	86.97	63.87	May - 11
81.91	69.67	67.42	87.84	107.18	105.56	85.16	57.35	Apr - 11
79.01	56.80	58.44	77.20	102.24	104.60	89.10	52.94	Mar - 11
70.26	45.97	50.56	78.53	97.63	96.66	80.28	42.16	Feb - 11
64.14	38.42	46.04	77.24	92.30	89.75	73.81	41.15	Jan - 11
56.11	39.43	37.99	58.13	73.48	69.56	66.80	47.06	Dec - 10
67.82	54.62	50.96	69.27	84.72	89.47	74.54	44.03	Nov - 10
<b>Total Month</b>	Sat	Fri	Thu	Wed	Tue	Mon	Sun	

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total Year
Nov 08 - Oct 09	53.52	84.95	101.75	101.17	82.59	62.86	60.46	78.14
Nov 09 - Oct 10	55.18	84.32	101.17	100.90	82.51	59.72	60.80	77.74
Nov 10 - Oct 11	55.52	84.49	101.64	101.60	82.13	61.59	62.94	78.5
Total 3 Yr	54.76	84.58	101.51	101.22	82.41	61.37	61.41	78.15

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# Tab 9 - Response Report

Linthicum, MD Area Selected Properties Job Number: 394730\_SADIM Staff: KD Created: December 14, 2011

	A M J A S O N D J F M A M J L A S O N D A A A A A A A A A A A A A A A A A A	- Monthly data received by STR - Monthly and daily data received by STR - Monthly and cally data received by STR tank - No data received by STR
2009 2010	J F M A M J J A S O N D J F M	<ul> <li>Monthly data received by STR</li> <li>Monthly and data received by STR</li> <li>Monthly and data received by STR</li> </ul>
13.1	Chg in ns Rms	158 1147 1260 1155 280 2251 149 2251 149 2251 142 7 2250 142 250 182 250
	Open Date Rooms	01 01 00 00 00 00 00 00 00 00 00 00 00 0
	Aff Date D	2001 12001 12001 12001 12001 12001 120000 120000
	Zin Code A	te te
	City & State	Linthicum, MD Linthicum, MD
		Code 42515 Hitton Garden Inn Baltimore Washington Airport 41869 Springhul Suites Baltimore Washington Airport 53468 Westin Baltimore Washington Airport 53468 Westin Baltimore Washington Airport 55214 Sheraton Hotel Baltimore Washington Airport 55214 Sheraton Hotel Baltimore Washington Airport 55214 Sheraton Hotel Baltimore Washington Airport 55215 Hitton Baltimore Washington Airport 55326 Comfort Suites Baltimore Washington Airport 55337 Hitton Baltimore Washington Airport 55337 Marriott Baltimore Washington Airport 56110 Embasy Suites Baltimore Washington Airport 26337 Marriott Baltimore Washington Airport 26337 Hyatt Phace Baltimore Washington International Airport 26337 Hyatt Phace Baltimore Washington International Airport 26371 Hampton in Baltimore Washington International Airport 26171 Hampton in Baltimore Washington International Airport 26175 Four Points Baltimore Washington International Airport

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EXHIBIT C ANNE ARUNDEL COUNTY CONSTRUCTION LIST

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#### NEW & PROPOSED HOTELS

Hotels	Emp#	Location	SF	Description	#Rooms	Status	Contact Info	Contact Phor
Proposed & Under Construction 2010-2011								
Candlewood Suites	not known	7482 New Ridge Rd, Hanover	not known	4 story; SDP approval update 1/11; No activity	140	In Permitting	Not known	Nether
				on pending grading permit since 6/10, no building permit application			NUTRIOWI	Not kno
Candlewood Suites	not known	1525 Dorsey Rd, Hanover	56,749	Grading permits issued	100	Under Construction	Not known	Not know
Hampton Inn & Suites	not known	Hale Rd, Odenton/Town Center Commons project	70,000	106 room hotel; Site Development Plan has been submitted	106	In Permitting	Stewart Title, AJ Properties, 8373 Piney Orchard Pkwy, #102, Odenton MD 2113	(410) 551-91
Completed in 2006 - 2011				Tota	346			1
Hotel	Emp#	Location		Dependention				
The Hotel	not known	Arundel Preserve, Hanover/Arundel	not known	Description 150 rooms with 8,200 SF of meeting space,	#Rooms	Status Complete	Contact Info Southern Management	(610) 462-40
		Mills Mall		projected open July 2011 (former Hyatt Place/Boutique Hotel project)			Hospitality Div. Erin Visco- Chapman, 101 Doe Mountain Lane, Macungie PA 18062	1010710410
Fairfield Inn & Suites	not known	1020 Andover Rd, Linthicum	not known	Open June 2011	107	Complete	Baywood Hotels, Chet Patel, 7871 Belle Point Dr. Greenbelt MD 20770	(301) 345-87
loft hotel	not known	7522 Teague Rd, Hanover	77,685	7 story limited service/shared building; open May 7, 2009	142	Complete	Neel Desai, LTD Management Company, 1564 Crossways Blvd, Chesapeake VA 23320	(757) 420-09
lement Hote!	not known	7522 Teague Rd, Hanover	not known	7 store limited and in the store store				
		1922 Teague Ro, Hanover	not known	7 story limited service/shared building, open May 7, 2009	145	Complete	Neel Desai, LTD Management Company, 1564 Crossways Blvd, Chesapeake VA 23320	(757) 420-09
ilton Garden Inn/Homewood uites	84	7458 Ridge Rd @ Dorsey Rd, Hanover	189,768	150 rooms for Hilton Garden, 100 rooms for Homewood Suites, project will have both brands in one building with separate entrances; \$50 million project (opened March 2, 2009)	250	Complete	Buccini Pollin Inc, David Pollin, 2020 K St NW, #800, Washington DC 20006	(202) 835-14
ownePlace Suites by Marriott	not known	7021 Arundel Mills Blvd, Hanover	not known	109 units/5 story, adjacent parcel to the Hampton	109	Complete	RevPar International,	(703) 838-97
estin Baltimore Washington	125	1110 Old Elkridge Landing Rd,	250,000	Inn & Suites (opened 2008) 260 rooms, behind Embassy Suites, 5,000 SF of	260	Complete	Alexandria VA, Peter Lane Neel Desai, LTD Management	(757) (20.00)
irport Hotel		Linthicum		flexible function space, open November 2007	200	Complete	Company, 1564 Crossways Blvd, Chesapeake VA 23320	(757) 420-09(
ton Garden	not known	Annapolis Tech Park, Annapolis	not known	126 rooms, opened July 2007	126	Complete	Al Patel, Baywood Hotels, 7871 Belle Pointe Dr, Greenbelt MD 20770	(301) 345-87(
/estin	175	Taylor Ave & West St, Annapolis/Park Place	245,000	225 rooms, four-star full service hotel, opened June 2007	225	Complete	Jerome J. Parks Cos, Jeome Parks, PO Box 831, Annapolis MD 21404	(410) 268-439
heraton Baltimore Washington irport Hotel	105	1100 Old Elkridge Landing Rd, Linthicum	121.903	203 rooms, behind Embassy Suites/Linthicum, 5,000 SF of flexible meeting space, opened May 18, 2007	203	Complete	Neel Desai, LTD Management Company, 1564 Crossways Blvd, Chesapeake VA 23320	(757) 420-090
aybridge Suites	not known	1303 Winterson Dr. Linthicum	74,215	105 one & two bedroom studios & suites with fully equipped kitchens, opened April 2007	105	Complete	Al Patel, Baywood Hotels, 7871 Belle Pointe Dr, Greenbelt MD 20770	(301) 345-870
wnePlace Suites at BWI	not known	1171 Winterson Rd, Linthicum	95,000	136 rooms, opened April 2007	136	Complete	Summit Hospitality Group Ltd, 2200 Summit Park Lane,	(919) 279-303
WI Hilton	250	1737 Nursery Rd, Linthicum	250,000	280 rooms with conference center facilities, opened September 2006	280	Complete	Raleigh NC 27612 Buccini Pollin Inc, David Pollin, 2020 K St NW, #800,	(202) 835-140
oringHill Suites	45	Mills Corp Park, Hanover	65,000	120 rooms, opened summer 2006	125	Complete	Waddington DC 20006 Skye Hotels, Jim Drescher, 4940 Campbell Blvd. #110,	(410) 931-905
				Total 2006-2011	2,363		Baltimore, MD 21236	
Completed in 2002-2005			_					
lotel	Emp#	Location	SE	Description				
ampton Inn & Suites		7027 Arundel Milis Circle, Hanover/Arundel Milis Mali	and the second sec	131 rooms, opened fall 2002	#Rooms 131	Complete	Contact Info Skye Hotels, Jim Drescher, 4940 Campbell Blvd. #110, Baltmann MD 04000	(410) 931-905
esidence Inn	50	7035 Arundel Mills Blvd, Hanover/Arundel Mills Mall	92,264	128 suites, opened summer 2003	128	Complete	Baltimore, MD 21236 Skye Hotels, Jim Drescher, 4940 Campbell Blvd. #110, Baltimore, MD 21236	(410) 931-905
ingate Inn Hotel		1510 Aero Dr. Linthicum/Hock Business Park	67,785	129 rooms, opened spring 2002	129	Complete	Not available	Not available
ourtyard By Marriott	50	2700 Hercules Rd, Annapolis Junction/Nat'l Business Park	84,644	140 rooms, opened winter 2004	140		Hospitality Partners, Bethesda,	(301) 718-616
tended Stay America	10	1 S Womack Dr, Annapolis	42,534	101 rooms, opened fall 2004	101		MD Extended Stay America.	(864) 573-160
tended Stay America		104 Chesapeake Center Dr, Glen Burnie	42,000	101 rooms, opened winter 2005	101	Complete	Spartenberg, NC Extended Stay America,	(864) 573-160
untry Inn & Suites	1.1.1	1717 West Nursery Rd, Linthicum	60,000	107 rooms, opened fall 2005	107	Complete	Spartenberg, NC Valcour Inc. Dennis Goodman, 140 Roosevelt Ave, York, PA	(717) 852-770
rringHill Suites	45	Admiral Cochrane Dr. Annapolis	66,003	129 rooms, opened fall 2005	129	Complete	17404 Gosnell Development, John Gosnell, 8130 Boone Bivd,	(703) 893-1211
			1				Vienna, VA 22182	
				TOTAL 2002-2005	966			

# EXHIBIT D QUALIFICATIONS OF THE CONSULTANTS



# **Professional Qualifications DIANE L. BLALOCK CERTIFIED GENERAL REAL ESTATE APPRAISER**

- Introduction Diane Blalock specializes in appraisals, market research and competitive analysis for commercial real estate and the hospitality industry. Diane has researched and analyzed the feasibility for a variety of land uses including hotels, motels, destination resorts, conference centers, family entertainment centers and healthcare facilities. Diane specializes in valuation services with a speciality in the hospitality industry and competitive environment analysis.
- EducationB.A. Degree University of Northern Iowa, Cedar Rapids, IowaMajor in Broadcasting, Minor in Business ManagementGolden Gate University, San Francisco, CaliforniaMasters studies with an emphasis in marketing

Experience
 Ernst & Associates, Novato, CA

 Associate, 2001 – To Present

 American Broadcasting Company, KSFX FM Radio, San Francisco, CA

 Entertainment Marketing Coordinator, 1977-1982
 American Broadcasting Company, KGO AM Radio, San Francisco, CA
 Traffic Director, 1982-1985
 Good Shepherd Lutheran School, Novato, CA
 Financial Assistant, 1990 – 2005

Representative Assignments Ms. Blalock has provided significant assistance in connection with the following appraisal and consulting assignments:

Grand Hotel	Sunnyvale, CA
Proposed Hotel	Long Beach, CA
Holiday Inn Select	Fairfield, CA
Proposed Conference Center	Billings, MT
Proposed Convention Center Hotel	Fort Lauderdale, FL
Costanoa Resort	Pescadero, CA
Appraisal of Resort	Calistoga, CA
Proposed Hotel	Napa, CA
Proposed Hotel	Baltimore, MD
Horizons Restaurant	Sausalito, CA
Twin Farms Collection	Barnard, VT
Proposed Hotel	Nashville, TN
Proposed Hotel	Shelton, CT
Proposed Hotel	Short Pump, VA
Proposed Hotel	Tampa, FL
Impact Studies, Best Western	Western United States

Certification:

**Certified General Real Estate Appraiser,** State of California License #AG039164

# Professional Qualifications SUSAN L. ERNST, ISHC

Introduction Susan Ernst specializes in real estate consulting and appraisal services. She has over twenty years of experience in the real estate industry, with the majority of her involvement being in the hospitality industry. Clients benefit from her appraisal and consulting experience which includes hotels, resorts, motels, restaurants, clubs, conference centers, as well as other commercial real estate. She is a Certified General Real Estate Appraiser in the State of California and a Member of the International Society of Hospitality Consultants.

#### Experience 1990- Present Ernst & Associates, Inc., President

Specialize in valuation, market, and feasibility study consulting services in the acquisition, sale, leasing, portfolio management, land use and development planning of investment real estate. Special expertise in hotel and restaurant appraisals and consulting. Assignments have included economy, limited-service, full-service, and luxury hotels, all-suite hotels, resorts, conference centers, and a variety of foodservice projects, including fine dining, casual dining, and fast food restaurants. Also provide appraisal and consulting services with respect to office and retail uses.

#### 1990 Horwath International, Hong Kong, Manager

Provided technical review and training in connection with market, valuation and feasibility studies for hotels.

#### 1982-1989 Laventhol & Horwath, San Francisco, Manager

Prepared market, valuation, and feasibility studies, as well as litigation support services for hotels, restaurants and other hospitality industry-related uses.

#### 1980-1982 Magic Pan Restaurants, San Francisco, Assistant to Controller

Para-professional, financial and marketing analysis in connection with a national restaurant chain comprised of over 100 restaurants.

Associations 🦷	١.	Member,	International	Society	of	Hospitality	Consultants
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- Associate, Appraisal Institute
- Associate Member, Golden Gate Restaurant Association

# Certification Certified General Real Estate Appraiser, State of California License #AG013254

Leigh Fisher Management Consultants

#### ATTACHMENT C

#### LEASING AND FINANCING OPTIONS

Leasing and Financing Options

Baltimore/Washington International Thurgood Marshall Airport

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#### AGREEMENTS FOR HOTEL DEVELOPMENT AND OPERATION

#### Contractual Arrangements at U.S. Airports

Two primary contractual arrangements are used by U.S. airport operators to develop and operate hotels:

- Lease and concession agreements are the most common arrangement, in which an independent hotel operator holds the equity interest in and management control of the hotel, through a ground lease with the airport sponsor and
- 2. Management agreements, in which the airport sponsor itself develops the hotel in consultation with a hotel company and contracts for the daily operation and management of the hotel once it is open.

The following sections provide more detail regarding each type of agreement and the factors influencing the selection of the type of agreement, including balancing risk and return, financing options, and procurement restrictions.

#### Lease and concession agreements

The key features of an airport hotel lease and concession agreement are:

- Independent second-party development, financing, ownership, and control;
- Negotiated financial returns for the airport sponsor; and
- Residual profit retention by the independent owner/operator.

Under a lease and concession agreement, financing and construction of the hotel itself would be undertaken by the private developer; however, the MAA may still be required to provide utilities, road access, and other basic infrastructure to service the hotel. To the advantage of both the airport and the hotel operator, any required infrastructure projects would be able to be financed using the airport's traditional tax-exempt methods, including TTF funds, as described later.

Lease and concession agreements offer the airport sponsor a lower risk/return profile than management agreement structures. Lease and concession agreements allow an airport sponsor to economically benefit from the development of a hotel on airport property while maintaining a minimal role in the financing, development, and operation of the hotel asset. Typical financial terms of such agreements include a base level of ground rent charged to the hotel operator, a "concession fee" charged as a percent of gross revenues at the facility, and a term of between 30 and 50 years. Ground rents vary substantially from market to market, while concession fees typically range between 5 and 10 percent of gross revenues.

Because a private hotel developer independently finances and constructs the hotel facility, financing is typically obtained through conventional private capital markets including, primarily, bank loans. While these financing sources typically carry higher interest rates than municipal bonds available to airport borrowers, the debt does not contribute to the overall debt burden at the airport. However, the higher interest rate carried on the private debt reduces the net profit generated by the operation and, consequently, reduces the concession fee a hotel operator is typically willing to pay to the airport sponsor and the potential return to the airport.



#### Management agreements

The key features of a hotel management agreement structure are:

- Airport sponsor ownership and control;
- Negotiated management fees paid to a third-party hotel operator, including a possible incentive program; and
- Residual profit retention by the airport sponsor.

Management agreements allow airport sponsors to use airport funds to construct a "shell" hotel building on airport property, often in consultation with a hotel company, and then to hire a hotel operator to furnish and operate the facility for a negotiated fee. As opposed to lease and concession agreements, the airport sponsor retains the equity position in the facility and the rights to residual profits from its operation under a management agreement structure. The combination of low-interest-rate public debt and retention of residual profits have the potential to provide higher financial returns to the airport sponsor; however, this upside opportunity is accompanied by an equivalent risk of poor financial performance.

Since the hotel operator contracted under a management agreement is not incentivized by an equity stake in the operation, such agreements typically include negotiated performance-based incentives in addition to a flat annual management fee. Incentives may be offered for meeting either key financial or operational goals such as defined targets for net revenue, occupancy, or average daily room rate (ADR).

SUMMARY OF HOTEL DEVELO	able 1 DPMENT CONTRACT STF	UCTURES
	Lease and concession	Management agreement
Financing responsibility	Hotel developer	Airport
Primary development responsibility	Hotel developer	Airport
Hotel ownership	Hotel developer	Airport
Fixed compensation	Airport	Hotel operator
Rights to residual profits	Hotel developer	Airport

Table 1 below summarizes responsibilities, ownership, and compensation under both structures.

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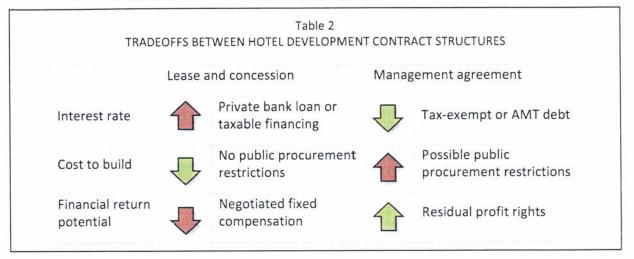
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#### Factors influencing selection of contractual structure

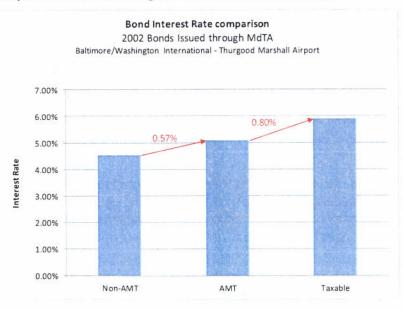
Several advantages and disadvantages of each contractual structure as they relate to MAA are summarized in Table 2 and are discussed in more detail in the sections below.



#### Risk vs. return

The key factor in choosing a hotel contract structure is the level of financial risk an airport sponsor is willing to take on to pursue higher potentials for financial gains. Management agreements, which allow the airport to retain excess net revenues after paying management fees and other expenses, impose no limit on the financial upside that can be achieved by the airport sponsor. On the other hand, management agreements also leave the airport sponsor responsible to make up any shortfalls caused by hotel operating losses.

However, because of the strength of the BWI-area hotel market and the opportunity to develop a new hotel on airport property as discussed in Attachment B, the risk/return profile associated with a management agreement for a new hotel at BWI Airport could be highly favorable.



Airport-issued financing vs. conventional financing

In recent years, airport sponsors have used a broad spectrum of techniques to finance on-airport hotels. Hotels on government-owned land (including airports) can often gualify for taxexempt or Alternative Minimum Tax (AMT) financing, which has a lower interest cost than taxable bank financing and can be a powerful financial advantage to the project. Furthermore, bond buyers have historically seen airport hotels as an attractive investment, resulting in a healthy supply of capital. The chart to the left illustrates the different interest rates paid by MAA on the issuance of tax-exempt, AMT, and

Leasing and Financing Options

taxable debt in 2002. As shown, the tax-exempt debt can offer substantially lower interest rates than taxable debt. Since 2002, other airports have seen this differential increase.

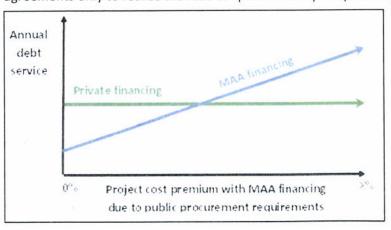
In addition to the interest savings of tax-advantaged debt, interest costs can be lowered further when an airport makes some or all of the required hotel debt part of the airport's consolidated credit, enhancing the creditworthiness of the project. This option is generally unique to airports and is not usually available in other development settings, including most other projects on government-owned land, in which the lender can look only to the revenues of the project and the assurances of the developer/owner, which often is a single purpose entity with a limited balance sheet, as a fallback for payments under the mortgage.

However, the advantages of low-interest airport debt can typically only be accessed when the development is structured as a management agreement in which the airport retains ownership of the hotel. This structure is required in order to satisfy IRS rules preventing the use of public funds to generate private profit. In other words, an airport sponsor is not allowed to use government-purpose debt to finance a hotel development that is owned and managed by a private hotel development company, as would be the case under a lease and concession agreement.

When airport-issued debt is not used to fund the project, hotels are usually financed like most other commercial real estate development. These projects generally use developer/owner equity and bank debt to provide capital for project development. This conventional commercial real estate method of financing, which was used for the existing BWI Four Points by Sheraton, is not the most commonly used method of financing airport hotels in today's environment.

#### **Procurement restrictions**

Another major factor influencing the form of the agreement used by an airport sponsor for hotel development is the local public procurement process. Frequently, airport sponsors seek the financial gains inherent in using a combination of tax-exempt financing, design-build contracts, and management agreements only to realize that use of "public money" requires a public procurement process that could



result in higher project development costs and eliminate any financial gain associated with using tax-exempt financing. Common procurement requirements that can increase the cost of a development project include union obligations, Disadvantaged Business Enterprise (DBE) subcontractor requirements, and state minimum wage restrictions. As illustrated on the figure to the left, interest rate benefits can be quickly offset by the greater incremental cost between MAA and private financing.

Using conduit transaction structures that engage local economic development entities can provide greater flexibility in the construction procurement process. The MAA's track record of funding past airport projects through conduit agencies such as the Maryland Economic Corporation (MEDCO) and its familiarity with this process is a significant advantage for the proposed hotel project, which is discussed more fully in the Funding Sources section below.

#### Considerations regarding existing Creative Inns lease

If a lease and concession agreement structure is the only practical alternative to develop new facilities, the existing Lease Agreement with Creative Inns is not a recommended vehicle for fostering development. As stated above, the provisions of the existing Lease Agreement are obsolete by today's standards for such agreements and the provisions do not adequately protect the MAA's interests over the long term.

If a decision were made to negotiate an extension to the existing Lease Agreement to allow Creative Inns to develop additional hotel facilities at BWI, we would recommend that the entire lease be re-written to comply with a "best practices" approach to the deal. During such a negotiation process, numerous policy decisions would have to be made about core business provisions of the current business structure. As one example, the continuation of the current exclusivity provision should be reviewed and re-considered. However, as is typical in negotiations over essential terms, a seemingly straightforward deal can quickly increase in scope as both sides of the negotiation (the MAA and Creative Inns) expand the set of terms they wish to discuss.

Given the details of the current Lease Agreement, we believe that any negotiation with Creative Inns to facilitate their development of additional hotel facilities that will reasonably protect the MAA's interests (1) will result in extensive effort, and (2) will produce a document that does not resemble the existing agreement.

#### Leasing and Financing Structures at Other Airports

Table 3 on the following page presents a summary of leasing and financing structures used at other onairport hotels across the U.S. Airport operators have used a myriad of financing and leasing options to develop hotels. More recent deals have typically used management agreement structures.

Following Table 3, more detailed summaries of the hotel developments at Dallas Fort Worth International, Detroit Metropolitan Wayne County, and Miami International airports are provided. The hotel at Miami International Airport is currently being planned.

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RPORTS	Hotel Owner/Operator		Creative Inns	Leased and operated by Hilton	Owned by Airport Authority operated by Hyatt Regency		Starwood Hotels and Resorts s		Private developer	Hilton		Marriott	Hyatt Regency s			Owned by Airport Authority operated with management agreement by Hyatt Regency Wingate		
AT SELECTED AIR	Initial Funding		Private equity and bank debt		Airport funded		Airport Hotel Revenue Bonds		Airport Special Facility Bonds	Hilton		Marriott	Airport Hotel Revenue Bonds					
I able 3 SURVEY OF ON-AIRPORT HOTELS AT SELECTED AIRPORTS	amood	KUOUIIIS	201	858	446	156	404	591	270	599	296	419	811	566	368	100	331	237
	Year	Opened	1968		1992	1967	2002	1987	1990	1999				1972		2002		1987
SURVEY OF O	lotoll toonin go eee	Name of Airport Hotel	BWI Four Points by Sheraton	O'Hare Hilton	Hyatt Regency	Detroit Metro Airport Marriott	Westin Detroit Metropolitan Airport	Westin Hotel Newark Liberty International Airport	Marriott Hyatt Harborside	Hilton Boston Logan Airport	Tampa Airport Marriott	Philadelphia Airport Marriott	Hyatt Regency	Houston Airport Marriott	Marriott Dulles Airport	Wingate Inn New Orleans Airport	Hyatt Regency	Sheraton Bradley Airport Hotel
		Airport	Baltimore/Washington International Airport	O'Hare International Airport	<b>Orlando International Airport</b>	Detroit Metropolitan Wayne County Airport		Newark International Airport	Boston-Logan International Airport		Tampa International Airport	Philadelphia International Airport	Dallas/Fort Worth International Airport	George Bush Intercontinental Airport (Houston)	Washington Dulles International Airport	Louis Armstrong New Orleans International Airport	Pittsburgh International Airport	Bradley International Airport

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#### DFW: Hyatt Regency

Airport	Dallas/Fort Worth International Airport (DFW)					
Hotel name	Hyatt Regency DFW					
Operator	Hyatt Corporation					
Asset manager	Woodbine Development Corporation					
Rooms	811					
Туре	First-class, full-service, upscale					
Funding	Airport Hotel Revenue Bonds					
	<ul> <li>Series 2001 – Tax-exempt (\$75.1 million)</li> </ul>					
Contract structure	Development agreement, management agreement, asset management agreement					
Key terms	Development agreement: • Not detailed in bond document					
	<ul> <li>Management agreement:</li> <li>Five-year term with two five-year renewals at the option of the Manager</li> <li>Fixed management fee increasing each year in five-year term, then 4% of projected Gross Revenues thereafter during the renewal terms</li> <li>Manager subject to RevPAR Performance Test and Financial Performance Test</li> <li>Asset management agreement: <ul> <li>Annual Business Plan required for review with DFW staff, including operating and capital budgets</li> <li>Fixed management fee increasing each year in five-year term, then 1/8 of management fee thereafter during renewal terms</li> </ul> </li> </ul>					



# DTW: Westin Detroit Metropolitan Airport

Airport	Detroit Metropolitan Wayne County Airport (DTW)						
Hotel name	The Westin Detroit Metropolitan Airport						
Developer	Darryl Berger Companies						
Operator	Starwood Hotels and Resorts Worldwide						
Year opened	2002						
Rooms	404						
Туре	First-class, full-service, upscale						
Funding	Airport Hotel Revenue Bonds						
	<ul> <li>Series 2001A – Tax-exempt (\$99.6 million)</li> </ul>						
	• Series 2001B – Taxable (\$11.3 million)						
Agreed development cost	Not to exceed \$85 million						
Contract structure	Development agreement and management agreement						
Key terms	<ul> <li>Development agreement:         <ul> <li>Subject to DBE/MBE/WBE requirements</li> <li>Subject to labor agreements</li> </ul> </li> <li>Management and operating agreement:         <ul> <li>Fixed management fee increasing annually through 15<sup>th</sup> year of operation</li> <li>Annual operating plan and capital budget required for review by DTW staff</li> <li>Operator subject to 30% DBE/MBE/WBE subcontractor requirement</li> </ul> </li> </ul>						





# MIA: Planned New Hotel Development

Airport	Miami International Airport (MIA)						
Hotel name	<ul> <li>MIA Airport City</li> <li>Two new hotels in final stages of lease negotiation</li> </ul>						
Developer	Odebrecht Development						
Operator	To be determined						
Year opened	Planned est. 2017						
Rooms	<ul><li>Hotel 1: Approx. 433</li><li>Hotel 2: Approx. 150</li></ul>						
Туре	<ul> <li>Hotel 1: First-class, full-service, upscale</li> <li>Hotel 2: Select service</li> </ul>						
Funding	Private funding to be arranged by developer						
Agreed development cost	<ul> <li>Hotel 1: Est. \$133 million</li> <li>Hotel 2: n/a</li> </ul>						
Contract structure	Lease and concession agreements						
Key terms	Lease agreements in final stages of negotiation. Terms unlikely to be made public.						





#### FUNDING SOURCES

MAA has traditionally issued airport debt through various Maryland conduit funding agencies. Recent bond issues at BWI Airport are summarized in the following table:

Maryland Department of Transportation Trust Fund (MDOT TTF)										
	2004	Certificates of Participation	15,500,000	Non-AMT	<u>10-yr. yield*</u> 3.53%					
	2010	Certificates of Participation (Re-funding)	19,610,000	AMT	3.99%					
	Maryland Economic Development Corporation (MEDCO)									
	2003	Lease Revenue Bonds	223,700,000	AMT	4.39%					
Maryland Transportation Authority (MdTA)										
	1994A	Special Obligation Revenue Bonds	112,545,000	AMT	6.20%					
	1994B		50,035,000	Non-AMT	6.10%					
	2002	Taxable Limited Obligation Revenue Bonds	117,300,000	Taxable	5.89%					
	2002A	Airport Parking Revenue Bonds	88,500,000	Non-AMT	4.52%					
	2002B		175,575,000	AMT	5.09%					
	2003A	PFC Revenue Bonds	64,100,000	Non-AMT	not available					
	2003B		5,600,000	AMT	not available					

\* or nearest year between 8 and 12 year term

The financing rounds summarized above included taxable, AMT, and Non-AMT projects. However, the three funding agencies have varying levels of suitability to finance a hotel development project for BWI.

#### Maryland Economic Development Corporation (MEDCO)

The Maryland Economic Development Corporation appears to be an excellent potential financing partner for a new BWI hotel development since its primary purpose is to partner with state organizations and agencies to stimulate economic activity and promote business development. The stated legislative purposes of MEDCO include encouraging the increase of business activity and commerce and a balanced economy in the State, helping to retain and attract business activity and commerce in the State, and promoting the health, safety, right of gainful employment and welfare of residents of the State. Furthermore, the General Assembly intends that MEDCO operate and exercise its corporate powers to, among other things, lend the proceeds of bonds to other persons to finance the cost of acquiring or improving projects.

Additionally, MEDCO has previously financed hotel development projects, including the Hyatt Regency Chesapeake Bay and the Rocky Gap Lodge & Golf Resort, as profiled below.

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#### Hyatt Regency Chesapeake Bay

The Hyatt Regency Chesapeake Bay is a luxury golf resort, spa and marina located in Cambridge on the Eastern Shore of the Chesapeake Bay. The resort offers 400 rooms, 35,000 square feet of meeting and banquet space, six food and beverage outlets, an 18-hole championship-level golf course, a 150-slip marina, an 18,000 square foot spa, an extensive swimming pool, and a children's recreation center. MEDCO has retained Hyatt Corporation as manager.

#### Rocky Gap Lodge & Golf Resort

Rocky Gap Lodge & Golf Resort is located in Maryland's Alleghany Mountains and offers an 18-hole signature golf course, a 243-acre lake, and a AAA 4-diamond resort lodge. Guests regularly visit the mountain resort on a short drive from Baltimore, Washington, or Pittsburgh. MEDCO has assisted the project since initial financing phases began in 1996 and currently retains Crestline Hotels & Resorts as manager.

# Maryland Department of Transportation Trust Fund (MDOT TTF)

Transportation needs in Maryland are funded from an integrated account called the Transportation Trust Fund. The Transportation Trust Fund was created in 1971 to establish a dedicated fund to support the Maryland Department of Transportation (MDOT). All activities of the Department are supported by the Trust Fund, including debt service, maintenance, operations, administration, and capital projects. Sources of funds include motor fuel taxes, vehicle excise (titling) taxes, motor vehicle fees (registrations, licenses and other fees), and federal aid. Bonds are issued to support the cash flow of projects in the capital program while maintaining debt coverage requirements.

However, activities funded by the Trust Fund are typically pure transportation projects such as roadways, bridges, and toll facilities. For this reason, it is unlikely that seeking hotel financing directly from the Transportation Trust Fund will be the preferred course.

### Maryland Transportation Authority (MdTA)

The third funding agency with which MAA has partnered in the past is the Maryland Transportation Authority (MdTA), which has statutory responsibility to supervise, finance, construct, operate, maintain and repair transportation-facility projects. The agency has the legal authority to enter into partnership agreements on its own behalf or on behalf of other agencies within MDOT, allowing the MdTA to supplement MDOT's Transportation Trust Fund. The MdTA's projects and services are funded through tolls paid by customers who use the agency's facilities, other user revenues and the proceeds from toll revenue bonds issued by the MdTA. The MdTA may issue either taxable or tax-exempt municipal bonds to finance the cost of large-scale projects that would otherwise exceed current available operating revenues. Though MdTA maintains the Transportation Public-Private Partnership (TP3) program to supplement traditional transportation resources and project management structures, the program's focus on pure transportation facilities suggests that hotel development would be considered out of scope. In order to be eligible for TP3 funding, a project must:

- 1. Be considered Airport facilities, Port facilities, Railroad facilities, or Transit facilities
- 2. Be compatible with and eventually become part of the MDOT Consolidated Transportation Program and Maryland Transportation Plan
- 3. Be considered part of the State transportation system

These qualifications present significant hurdles for a hotel development project at BWI and make it likely that a funding source with a better matched organizational objective, such as MEDCO, should be pursued.

#### Next Steps to Maximize Returns to MAA

Lease and concession agreements are much more straight forward to implement. However, two key conditions at BWI Airport warrant continued review of the management agreement structure:

- First, BWI Airport is positioned as a key driver of demand for hotel rooms in an exceptionally strong hotel market, which makes the higher return potential of a management agreement structure more appealing.
- Second, MAA has more experience with conduit financing structures than other airports and an
  established relationship with MEDCO financing. MEDCO has supported these types of financings in
  the past.

In the long run, we believe the best approach for MAA to maximize the revenue and financial returns generated from hotel rooms at BWI is to adopt policies that will ensure the following:

- Determine whether or not the MAA has the flexibility to take advantage, either directly or indirectly, of tax-exempt financing and hybrid development transactions that involve management contracts.
- Confirm the framework for financing a new hotel within the framework of management/operating agreements and where the MAA would like to be on a spectrum of "lease and concession" versus "management" agreements. The compensation to be paid under any given model is best maximized through a competitive process or an independent appraisal process.
- Balance remaining economic life of BWI Four Points with facility concerns. BWI Four Points is a
  valuable asset that does have economic life beyond the current expiration date of the Lease
  Agreement. Developing a strategy for realizing the value of that asset before and after the
  scheduled expiration date of the Lease Agreement while ensuring the maintenance of a quality
  facility is essential to maximizing the return from hotel operations. Renegotiate Creative Inns lease
  to comply with a "best practices" approach to the deal. During such a negotiation process,
  numerous policy decisions would have to be made about core business provisions of the current
  business structure. More information is needed regarding the benefits of converting that property
  to another land use.

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