

October 30, 2007

# **Balfour Beatty**

Construction

**UK Analyst Meeting** 

# **Southeast Division Highlights**

### Began Division in April 2001 with 12 people / no work

- Grown 4 business units including Military Housing, Raleigh, Charlotte and Atlanta Commercial
- Awarded over \$4.3 billion of new work
- Will put **\$903 million** in place in 2008
- \$2.2 billion total backlog + ABNC
- Over 360 employees
- High Quality Clients: Bank of America, Ritz Carlton, Cisco Systems, North Carolina University System, GMH, Cousins, Ginn Resorts, Wake County Schools

# **Southeast Division Highlights**

### **Work Awarded/Completed Past Year**

- Bank of America Tower (C)
- Ritz-Carlton Hotel (C)
- North Carolina State Western Manor (C)
- Navy SE (MH)
- ABC Stores (C)
- The Prado Redevelopment (C)
- Ft. Jackson (MH)
- Founders Hall (C)
- West Point (MH)
- UNC Charlotte Student Union (C)
- UNC Chapel Hill Science Complex Phase I (C)
- Central Prison (C)

- Wachovia (C)
- Cisco Systems (C)
- Bank of America (C)
- Ginn Resorts (C)
- Duke Center for Integrative Medicine (C)
- Bear Lake Resort (C)
- Center City Partners (C)
- Duke Law School (C)
- Las Vegas Premium Outlets (C)
- Duke University Medical Center (C)
- Blakeney Park (C)
- Air Force (AMC West) (MH)

## Why Military Housing?

Balfour Beatty Construction and GMH teamed up to pursue military housing programs in 2002 in response to the Federal Government's initiative to privatize military housing.

### **Privatization Initiative**

In 1996, President Clinton signed into law the Defense Authorization Bill also known as the Military Housing Privatization Initiative (MHPI)

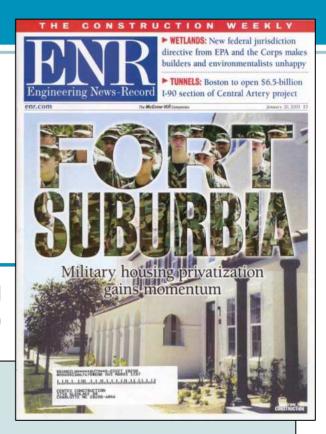
#### MHPI addresses two main concerns:

- · The poor condition of Department of Defense-owned housing
- The shortage of quality affordable housing

### MHPI designed and developed to:

- Attract private sector involvement
- Provide necessary housing faster and more efficiently than traditional military construction

Resulting in privatization of over 82,000 family housing units



## **Our Partnership with GMH Military Housing**

### Who is GMH



GMH Communities Trust is a Maryland real estate investment trust (REIT).

It is a self-advised specialty housing company focused on providing housing to college and university students residing off-campus and to members of the U.S. military and their families residing at installations throughout the country

GMH is one of the largest owners and operators of privatized student housing in the U.S.

# **Balfour Beatty**Construction

# **Quality Management Team**

			9
	Jim Taylor Executive Vice President	<ul> <li>30 Years Construction Experience</li> <li>21 Years of Multi-family Experience</li> <li>11 Years of Military Housing Experience</li> </ul>	<ul> <li>18,000 Units Built</li> <li>25 Year Working Relationship with other Team Members</li> </ul>
	Carl Frinzi BUL	<ul> <li>25 Years Construction Experience</li> <li>22 Years of Multi-family Experience</li> <li>16 Years of Military Housing Experience</li> </ul>	<ul> <li>14,664 Units Built</li> <li>25 Year Working Relationship with other Team Members</li> </ul>
	Bob Jackson BUL	<ul> <li>24 Years Construction Experience</li> <li>17 Years of Multi-family Experience</li> <li>10 Years of Military Housing Experience</li> </ul>	<ul> <li>More than 8000 Units Built</li> <li>16 Year Working Relationship with other Team Members</li> </ul>
6	Frank Santoro BUL	<ul> <li>26 Years Construction Experience</li> <li>No prior Multi-family Experience</li> <li>2 Years of Military Housing Experience</li> </ul>	<ul> <li>1,648 Units Built or Currently in Development</li> <li>10 Year Working Relationship with other Team Members</li> </ul>
	Peter Wojtowicz Preconstruction	<ul> <li>33 Years Construction Experience</li> <li>20 Years of Multi-family Experience</li> <li>9 Years of Military Housing Experience</li> </ul>	<ul> <li>Been involved with 15,000 Units</li> <li>21 Year Working Relationship with other Team Members</li> </ul>
	<b>Vicki James</b> Purchasing	<ul> <li>25 Years Construction Experience</li> <li>6 Years of Multi-family Experience</li> <li>6 Years of Military Housing Experience</li> </ul>	<ul> <li>20 Year Working Relationship with other Team Members</li> </ul>

## **Focus on Culture**

## **Military Housing**

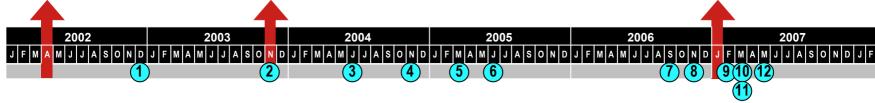
- Shared culture, values and focus around Service, Talent and Choices
- Balfour Beatty Community
   Involvement at every location
- Balfour Beatty Spirit!
- Signature Client Experience



## **GMH – Balfour Beatty Timeline**

BBC/Centex gets introduced to GMH by Atkins Benham to pursue Military Housing Privatization (April 2002) GMH purchase JA Jones Community Development (Rights to the Fort Eustis/Fort Story Contract)

Balfour Beatty
Announcement if the
Centex Acquisition

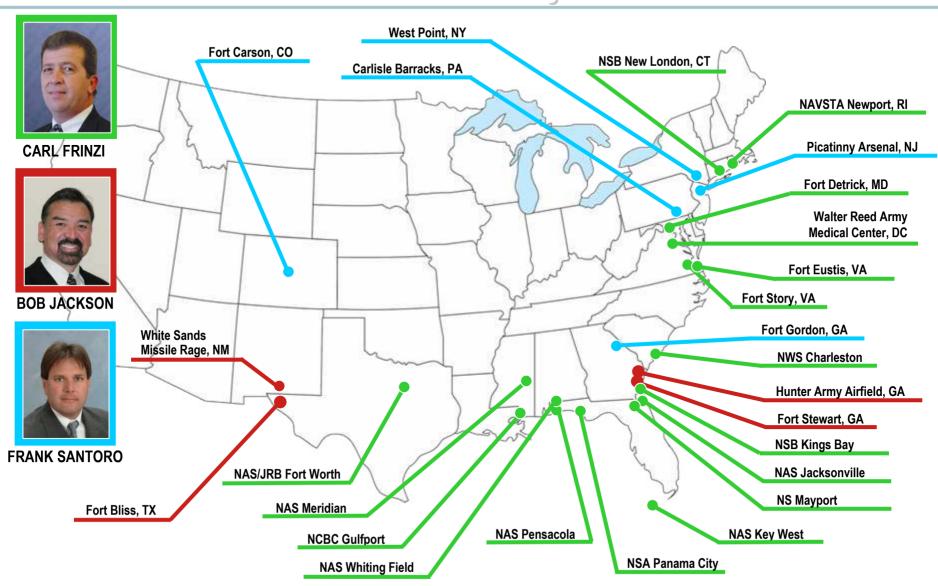


### **Project Awards/Closings**

- 1 GMH/AB/Centex wins Fort Stewart/Hunter Dec. 2002
- Fort Stewart/Hunter Project Closing Nov. 2003
- 3 Fort Detrick/Walter Reed Project Closing June 2004
- 4 Navy Northeast Project Closing Nov. 2004
- 5 Fort Eustis/Fort Story Project Closing Mar. 2005
- 6 Fort Bliss/White Sands Closing June 2005

- 7 Fort Gordon Closing Sept. 2006
- 8 Fort Carson Closing Nov. 2006
- Navy Southeast Awarded to GMH/Balfour Beatty Feb. 2007
- 10 West Point Awarded to GMH/Balfour Beatty Mar. 2007
- 11 Carlisle/Picatinny Closing Mar. 2007
- 12 Fort Jackson Awarded to GMH/Balfour Beatty May 2007

# **Projects and Locations**



# **Product Type**



Ft. Stewart / Hunter AFB Hinesville & Savannah, GA

Contract Value.... \$301,606,360



Ft. Detrick / WRAMC
Frederick & Silver Spring, MD

Contract Value.... \$72,689,317



Navy Northeast ME. RI. CT. NY. NJ

Contract Value.... \$385,742,259



Ft. Eustis / Ft. Story Ft. Eustis & Ft. Story, VA

Contract Value.... \$117,239,969



Ft. Carson, Phase 2
Ft. Carson, CO

Contract Value.... \$102,545,011



Ft. Bliss / WSMR El Paso, TX & White Sands, NM

Contract Value.... \$351,683,131

# **Product Type**



Ft. Gordon Augusta, GA

Contract Value.... \$69,445,242



Carlisle / Picatinny
Carlisle, PA & Rockaway, NJ

Contract Value.... \$48,547,129



Navy Southeast FL, SC, TX, MS, Key West

Contract Value.... \$463,000,000



West Point
West Point, NY

**Contract Value.... \$70,000,000** 



Ft. Jackson Columbia, SC

Contract Value.... \$110,000,000

- UPH Ft. Bliss \$29M 358 units
- UPH Ft. Stewart \$29M 334 units

Awarded but not contracted

Total contract value of all projects......\$2,150,498,508

Total Units for all projects..... 11,324

### \$600 Million in Total Backlog

(does not reflect project awards of UPH – Fort Stewart / UPH – Fort Bliss / West Point / Navy Southeast / Ft. Jackson)

## **Executional Excellence – Safety First!**

**Total Man Hours** 

Military Housing > 5,450,068

**Loss Time Incident Rate** 

Military Housing \rightarrow 1.02 National average \rightarrow 2.6

**Cost Per Man Hour** 

Military Housing \$0.27 National average \$0.90

Fatalities } 0





# **Navy Southeast Project**



- Our largest
   Military Housing
   contract to date
- Contract Value \$463 M
- 11 Locations in5 different states

# **NWS Charleston – Menriv East**



VIEW OF COMMUNITY CENTER FROM WEBSTER STREET BOULEVARD ENTRANCE

## **NWS Charleston – Menriv East**



#### RANK DISTRIBUTION KEY



E1 - E6



E7 - E8



E9

#### WORK SCOPE KEY



RENOVATE

MENRIV HOUSING				
CONVEYED	1,370			
RENOVATED	128			
DEMOLISHED	1,242			
NEW	624			
END STATE	752			

NEW HOUSING SCOPE					
RANK	3BR	4BR	5BR	TOTAL	
E1- E6	275	0	0	275	
E1- E6	0	223	0	223	
E7- E8	0	114	0	114	
E9	0	12	0	12	
TOTALS	275	349	0	624	

AMENITIES	
5,000 SF Office/Community Cen	tier
Pool	
Maintenance Building	
Soccer Field	
Basketball Court	
Volleyball Court	
5 Tot Lots	Ι

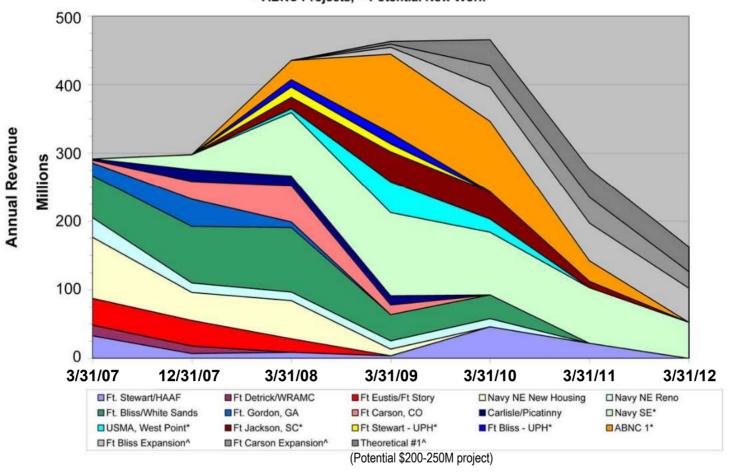
## **NWS Charleston – Menriv East**



# **Military Housing Costs and Projections**

#### **Military Housing**

Annual Revenue Projection - 8/31/07 with potential New Work \* - ABNC Projects, ^-Potential New Work



# **Overall Fifty-Year Program**

			IDP		Seco	ndary	<b>Deve</b>	elopm	ent Po	eriod	
Fort Stewart Originally Built Homes		1-8	9-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	
Marne Homes	1977	178/176	△ <sup>116</sup> — <sup>55</sup>			<b>♦</b> 116		<b>A</b> 60	116		<b>\$\longrightarrow\$</b> 60
Marne Terrace	1977	509									
Hallwood Homes	1957-64	198	•		A SAR			Sall,			Sell
North Bryan Village	1977	426	18			200	226		<b>♦</b> 85	♦340	
South Bryan Village	1977-83	516		PE S	<b></b>	156		<b>♦</b> 103	<b>♦</b> 412	516	
Isenhower Terrace	1986	243			<b>♦</b> 243		243			<b>♦</b> 122	<b>♦</b> 121
Isenhower Village	1983	136			<b>♦</b> 136			136			136
Marne Woods	1995	232		152		<b>♦</b> 232		243	173		<b>\rightarrow</b> 116
Liberty Woods	RCI	677	*	200	<b>♦</b> 405	<b>♦</b> 272		270	405		530
Coastal Ridge	RCI	30		100	♦30		-5	30	-108		A 30
New Marne	RCI	267				<b>♦</b> 201	<b>△</b> 66	267			160
Southern Oaks	RCI	324	*			<b>♦</b> 324	Eggl.	13/4	324		13/40
Hunter Army Airfield			DV(SE)			VISSII)		NEWS			
Gannam Heights/New Gannam	1953	232/348			<b>♦</b> 261	♦87		174	174	348	Eatl.
New Savannah	RCI	54	*					54	No.		
New Callaway	RCI	52	*	100				52			
Callaway Circle	RCI	6									333-1
Wilson Acres	1953	250/221		221			<b>♦</b> 165	<b>♦</b> 56		221	<b>♦</b> 110



Major Renovation

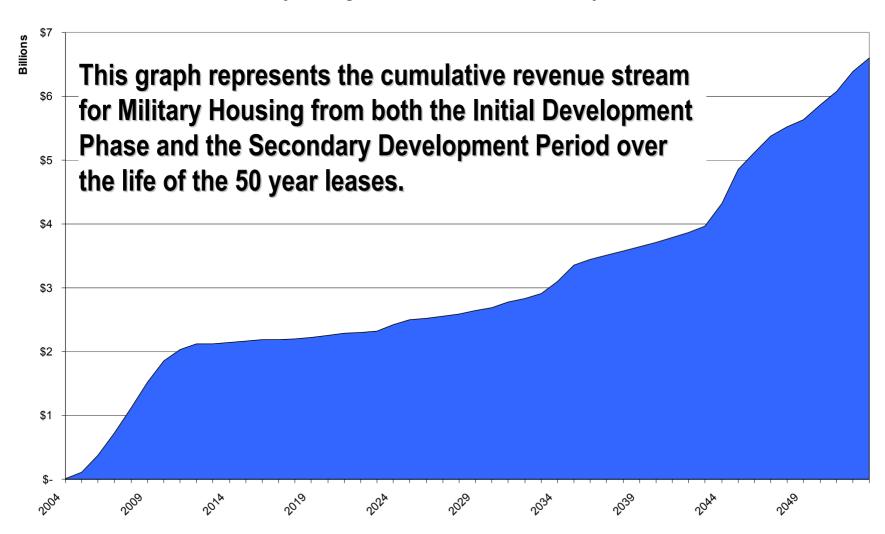
Minor Renovation

Demolition

Adequate

## **Military Housing Costs and Projections**

Military Housing 50 Year Cumulative Revenue Projection



# **Current Program**

### What's Left

#### **ARMY**

#### Army Group '07:

Ft. Huachuca, AZ & Yuma Proving

Ground, AZ

Late November '07 presentation

Total - \$110 M

#### **Army UPH:**

Ft. Bliss, TX & Ft. Stewart, GA

**\$28 M** each

#### **Army Misc:**

Ft. Bliss, TXExpansion 2<sup>nd</sup> atr '08?

Total - \$200 M

Ft. Carson, Expansion <sup>2nd</sup> atr '08

Total - \$100 M

#### **NAVY**

#### **Navy Region Southwest**

China Lake NAWS - China Lake, CA

El Centro NAF - El Centro, CA

Fallbrook - Fallbrook CA

Fallon NAS - Fallon, NV

Lemoore NAS - Lemoore, CA

Seal Beach NWS - Seal Beach, CA

Ventura County NB - Point Muga, CA

Possible Total - \$625 M

#### **Navy UPH**

Mayport / Jacksonville, FL, Approximately - \$250 M

### **AIR FORCE**

Eglin, FL, Hurlburt Field, FL, Edwards. CA

Late '07

Total - \$450 M

Shaw, SC, Keesler, LA timing & size unknown

Vance, OK timing & size unknown

# **Major Competitors**

- Picerne Military Housing
- Hunt Building Corporation
- Clark Realty Capital
- Forrest City
- Lend Lease Actus
- Lincoln Property

## Where are we Going

### Planned or likely shifts in markets or customers

## Military Housing

- Uniform Qualifications Process (Air Force appears to be leaning towards using same Qualifications process now being used by Army and Navy to select its PPV partners.)
- Unaccompanied Personnel Housing UPH (Next phase of PPV program following completion of family housing)
- More focus on "Out Years" (these are 50 year building programs.
   How can we best leverage that to meet BBC goals?)

# Where are we Going

### Strategic Challenges, Priorities and initiatives of the business

- Partnering Strategy with GMH
- Positioning BBC to become the sole source provider on current and future awarded installations
- Continued emphasis on operational excellence
- Exporting best ways for Balfour Beatty to support our Military Housing, vision, and strategy



October 30, 2007

# **Balfour Beatty**

Construction

**UK Analyst Meeting** 

# **Balfour Beatty**Construction

# **BBC Southeast - Commercial**













## **Quality Management Team**



Bill Blank
Sr. Vice President/COO

- 20 Years Commercial Market Experience
- Overseeing \$480 M in Revenue



John Rankin Vice President

- 20 Years in Industry
- 4 Years in the Raleigh Market
- Overseeing \$140 M in Revenue



Pat Dean Vice President

- 15 Years in Industry
- 2 Years in the Charlotte Market
- Overseeing \$200 M in Revenue



Jeff George Vice President

- 20 Years in Industry
- 21 Years in the Atlanta Market
- Overseeing \$140 M in Revenue

## **Focus on Culture**

### Commercial

- Shared culture, values and focus around Service, Talent and Choices
- Leader in Commercial Construction in the US
- Supports local communities
- Balfour Beatty Spirit!
- Extensive Training and Development programs
- Collaborative environment







# **Highlights of Projects**



**UNC Chapel Hill, Science Complex** 



Bank of America, Superblock



Marriot Bay Point, Grand Residences



North Carolina Art Museum



**UNC Charlotte**, Student Union



**Avenue Murfreesboro Retail Center** 



**Duke Center for Integrative Medicine** 



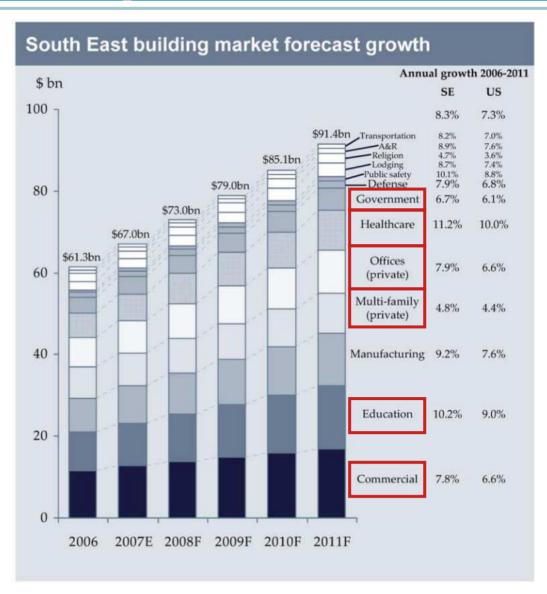
**Bear Lake Clubhouse** 



**Chelsea/Simon Premium Outlets** 

## **Southeast Building Market Forecast Growth**

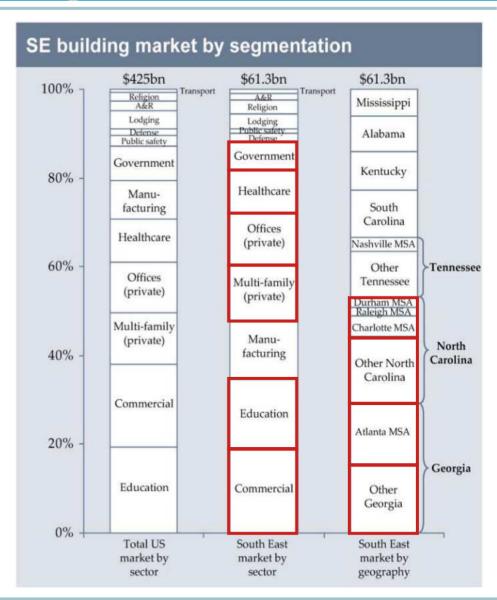
The Southeast forecast to grow faster than the US over the next 5 years, with the top 3 verticals all experiencing strong growth.



**CREDO Research Findings** 

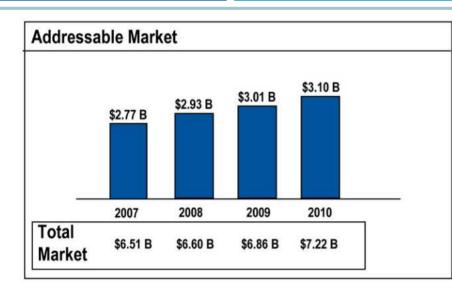
## **Southeast Building Market Forecast Growth**

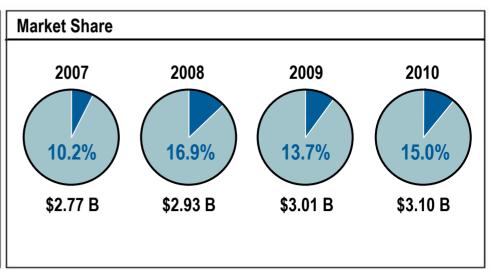
As in the US as a whole, the major verticals are education and commercial. The largest states are Georgia and North Carolina, accounting for 53% of the market.



**CREDO Research Findings** 

## **Commercial Market Outlook**





MARKET INCREASE	NEUTRAL	AVOIDING
<ul> <li>Government (CLT) (RAL)</li> <li>Multi-Family (ATL)</li> <li>Offices (CLT) (ATL) (RAL)</li> <li>Education (RAL)</li> <li>Schools (CLT)</li> <li>Retail (CLT) (ATL)</li> <li>Hospitality (ATL)</li> <li>Healthcare (RAL)</li> </ul>	<ul> <li>Apartments (CLT)</li> <li>Healthcare (CLT)</li> <li>Amusement (ATL)</li> <li>Government (ATL)</li> <li>Apartment/Condo (RAL)</li> <li>Retail/Hospitality (RAL)</li> <li>Education (ATL)</li> </ul>	<ul> <li>Amusement (RAL)</li> <li>Healthcare (ATL)</li> </ul>

## **High Quality Clients**

























### **NC STATE UNIVERSITY**





THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL













## **Bank of America**

Bank of America.

Current/Completed Work......\$687 M

Locations (States worked)

FL/GA/NC/TX/VA/DC/MD/SC/DE/TN/OK

Relationship (# of Years)...... 5 Years







### **North Carolina, University & Government Projects**

































**Balfour Beatty**Construction

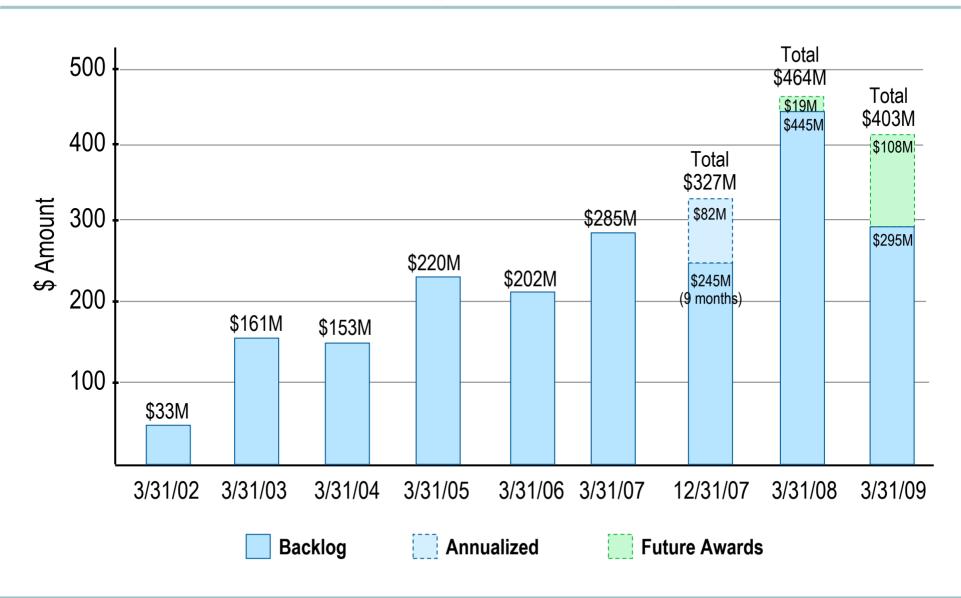
# Commercial Backlog & ABNC

PROJECT NAME	VALUE \$	BUSINESS UNIT	
Bank of America Tower & Ritz	367,807,000	Charlotte	
The Steets of Buckhead	140,000,000	Atlanta	
Bank of America Founder's Hall	81,007,000	Charlotte	
UNC Science Phase II	79,594,000	Raleigh	
NC Art Museum (JV)	53,551,000	Raleigh	
UNC Charlotte Student Union	48,804,000	Raleigh	
Prado Redevelopment	38,817,000	Atlanta	
Avenue Murfreesboro	1,898,000	Atlanta	
Chelsea/Simon Premium Outlets	6,213,000	Atlanta	
Wake County Schools	16,068,000	Raleigh	
Duke Medical	3,732,000	Raleigh	
Durham Intermodal + Public Works	24,397,000	Raleigh	

**TOTAL** 

\$ 861,888,000

## **Revenue Projection Including Future Awards**



# **Major Competitors**

### **CHARLOTTE**

- Bovis
- BD Rodgers
- RT Dooley
- Turner
- BE&K

### **RALEIGH**

- Bovis
- Skanska
- Barnhill
- Clancy & Theys
- Turner

### **ATLANTA**

- Hardin
- Gilbane
- Brassfield & Gorrie
- Skanska
- Turner
- Bovis

### Executional Excellence – Safety First!

### **Recordable Incident Rate**

Subcontractors } 8.2

Balfour Beatty Construction \ 0.89

vs. National average } 6.3

### **Loss Time Incident Rate**

Subcontractors } 0.73

Balfour Beatty Construction } 0.00

vs. National average } 2.4

### **Cost Per Man Hour**

Subcontractors } \$0.19

Balfour Beatty Construction } \$0.02

vs. National average } \$0.90

Fatalities } 0

## **Southeast Division Priorities**

### **Customer**

**Execution (MAP & GPS)** 

Leadership Development & Employee Recognition

Project Selection & Decision Rules

Market Strategy
Development/
Implementation

Vision