

June 29, 2011

Item 5

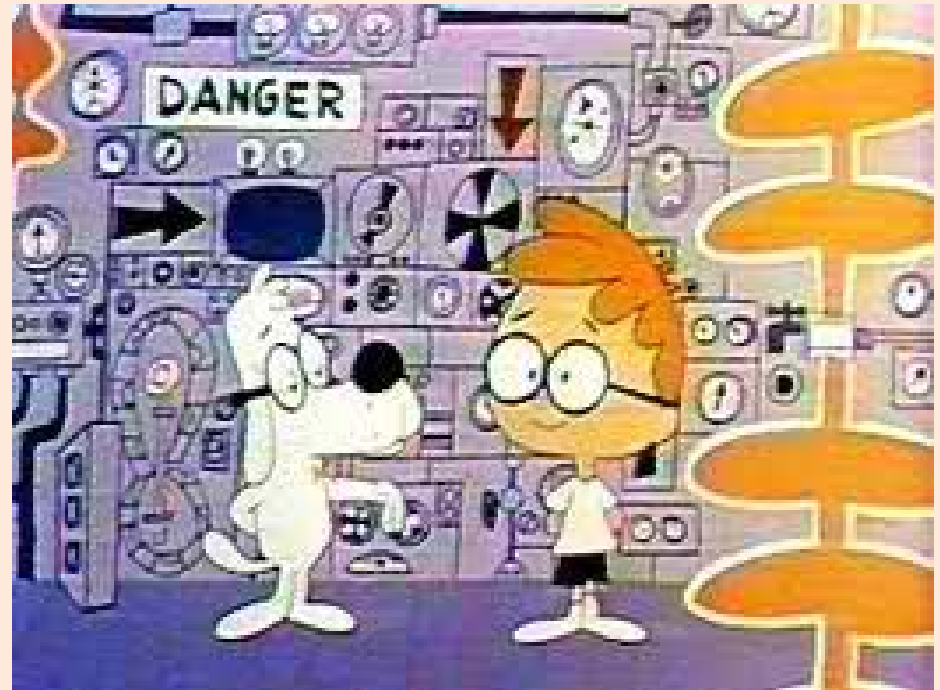


## Structural Steel Topping Out - June 8, 2011

# The WABAC Machine



Mr. Peabody and Sherman





October 2006





July 8, 2009





October 2010





December 2010



And then came the floods!



12/22/2010



January 2011





February 2011



March 2011





April 2011





May 2011





Sunset Cove  
May 2011





June 2011



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# Structural Steel Erection

First Column Set February 22, 2011





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## Structural Steel Erection





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# Structural Steel Erection





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## Structural Steel Erection



# Airside

## **Apron Paving – North Apron**

- All unsuitable material removed and replaced
- Grading and soil compaction complete
- All Cement Treated Permeable Base (CTPB) poured
- Econocrete (light weight concrete) being placed

## **Blast Fence**

- Drilled foundations complete
- Blast fence construction underway

## **Temporary Parking Lot**

- Opened April 18, 2011





# Airside



## Blast Fence

## Temporary Parking Lot



# Landside

## Design

- Civil design reached 100%
- Smart Curb design achieved 100%

## East Side Utilities

- Hydronic system cold/hot water piping re-routed
- Electric & communications infrastructure 90% complete
- Storm drain system 40% complete

## T2 East

- Closed the T2 Parking Lot on April 18, 2011
- Completed the T2E Pedestrian Bridge wall closure



# Landside

## **Cast in Drilled Hole (CIDH) Piles**

- Completed 12 of 26 CIDH caisson foundations
  - 7 feet in diameter
  - 100 feet deep
  - 18 tons of reinforcing steel (each)

## **Pre-Cast Concrete Piles**

- Began driving the 50 foot precast piles for roadway bridge ramp structures
  - All 212 piles will be predrilled 40 feet
  - Last 10 feet will be driven to reduce noise and vibration

## **Spruance Road**

- Completed the storm drain and water line



**Hydronics Pipe Vault**

**CIDH Auguring**







# Landside

## Hoisting the Rebar Cage



## Caisson Rebar Cages

# Terminal

## Design

- Completed T2W construction drawings
- Submitted Baggage Handling System (BHS) 70% design to the TSA

## Structural Steel

- Set the last major beam at the June 8, 2011 “Topping Out” ceremony
- Metal decking and miscellaneous steel erection ongoing

## Mechanical/Electrical/Plumbing/Special Systems

- Underground plumbing - 90% complete
- Underground electrical conduit - 75% complete



# Terminal

## Concrete & Foundations

- Completed all foundation work for the new terminal
- Completed the new concrete baggage tunnel structure
- Terminal project stats:
  - Installed 703 of 1,120 tons of reinforcing steel
  - Poured 7,611 of 20,000 cubic yards of concrete

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# Terminal



Structural Steel  
50% Complete  
April 2011





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## Topping Out Ceremony

June 8, 2011



San Diego International Airport

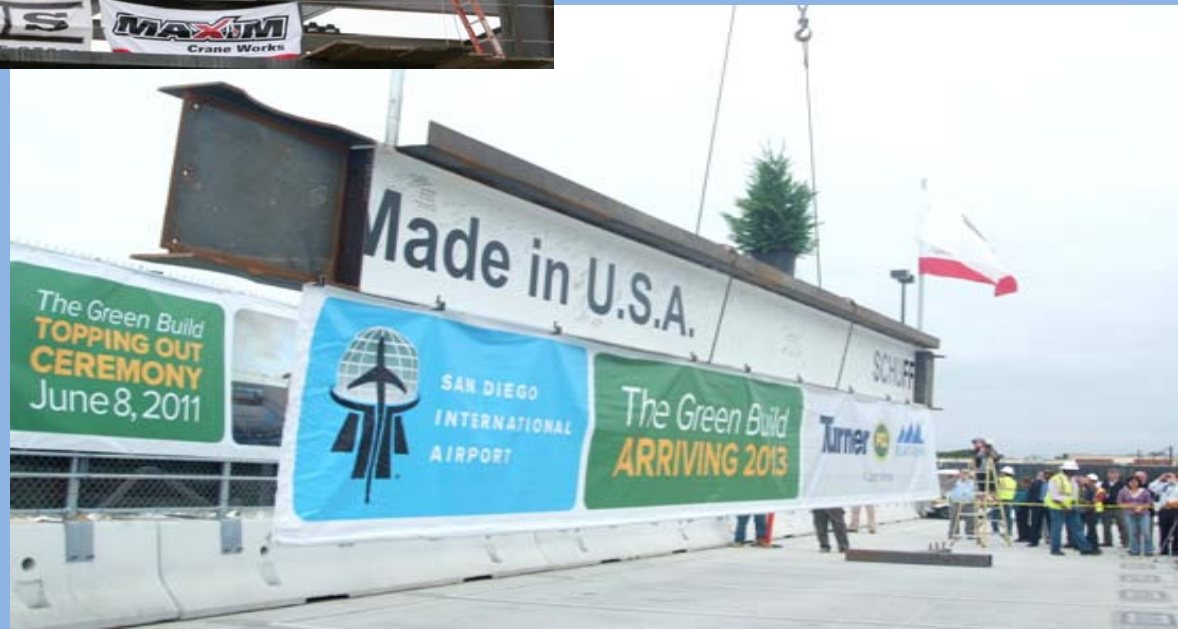
# The Green Build

Moving Forward. Soaring Higher.



## Topping Out Ceremony

June 8, 2011





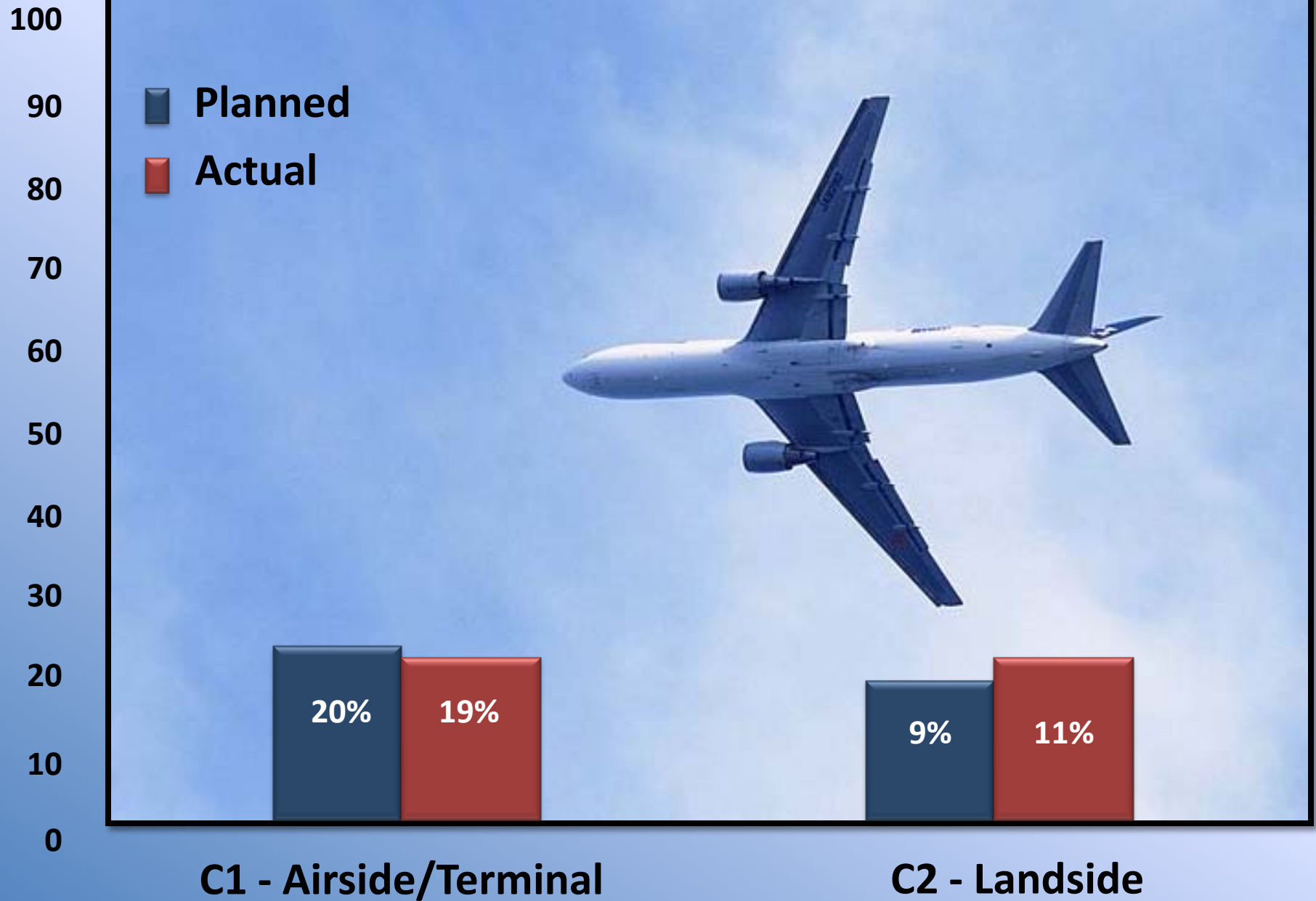


## LEED SILVER CERTIFICATION

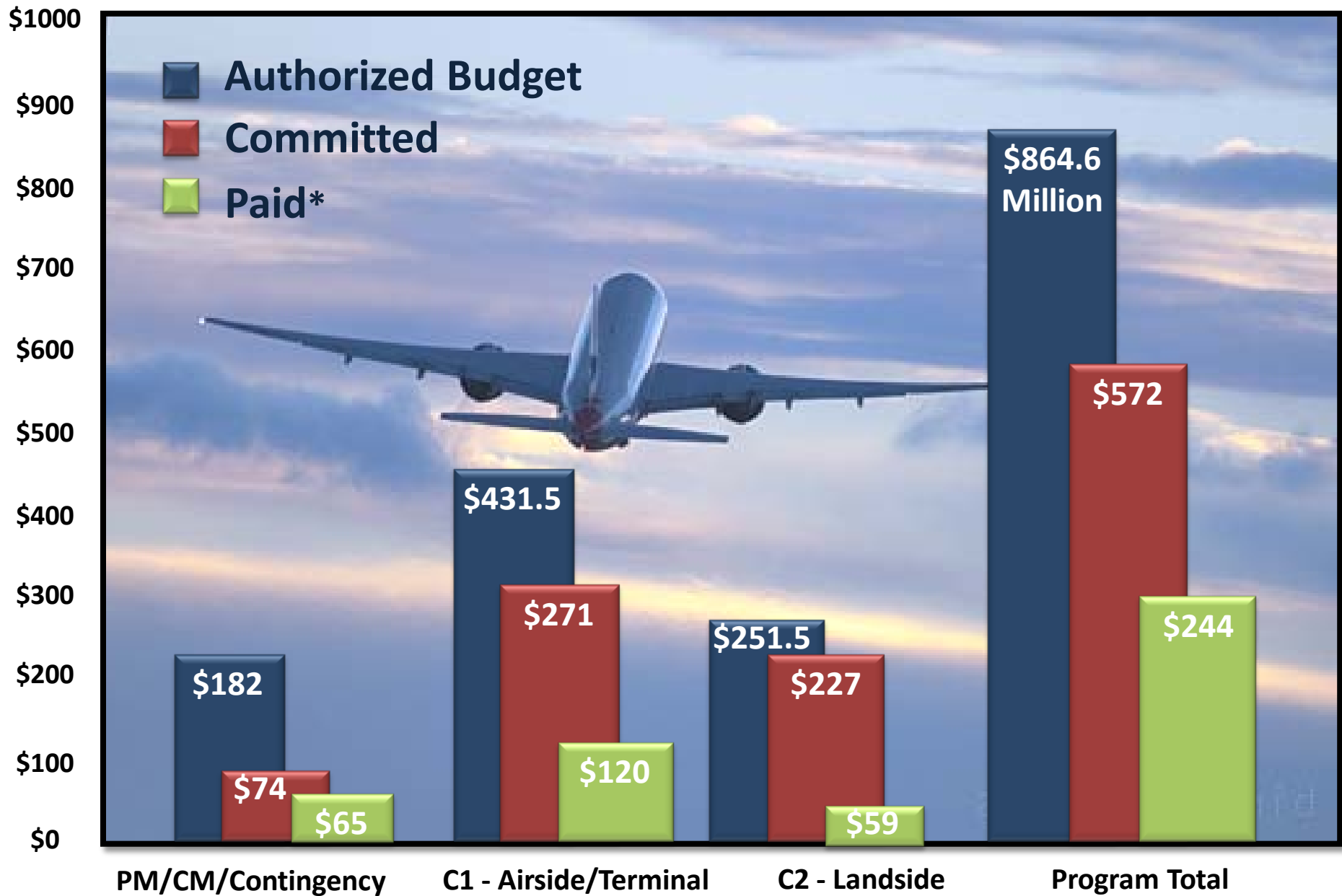
- Landside and Terminal Projects on target to achieve LEED Silver certification

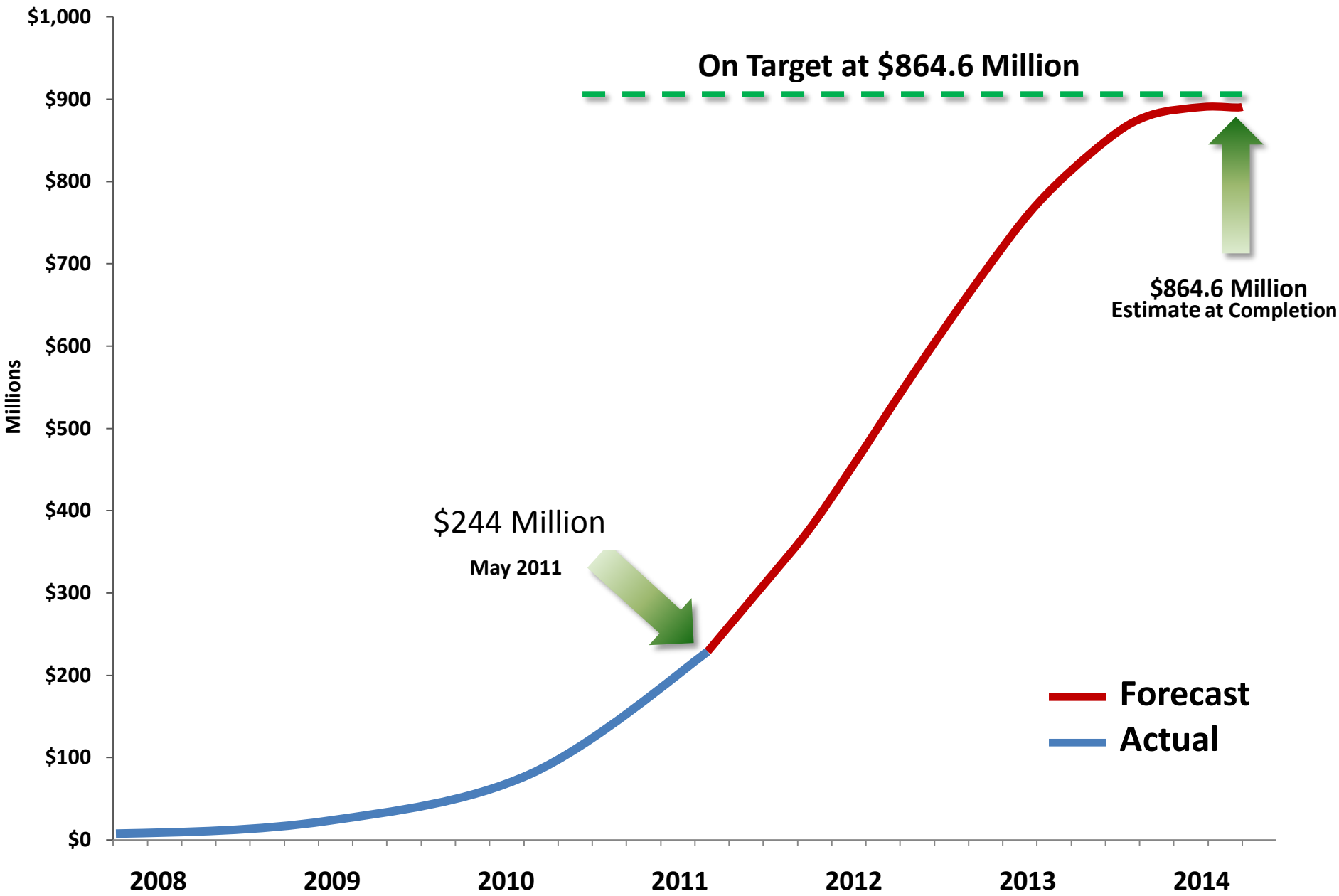


# Construction Status At-a-Glance









**On Target at \$864.6 Million**

**\$864.6 Million**  
Estimate at Completion

**\$244 Million**  
May 2011

**Forecast**  
**Actual**