

Date: May 17, 2007

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Aviation & Tourism Committee

From: George M. Burgess
County Manager

Subject: Miami-Dade Aviation Department Capital Improvement Program Report

ATC
Agenda Item No.
7(A)

The Miami-Dade County Board of County Commissioners (BCC) adopted a Master Plan for the Miami International Airport (MIA) and approved a \$6.2 billion Capital Improvements Program (CIP). The CIP at Miami International Airport includes an expanded and efficient airfield with four Runways and several new Taxiways, expanded parking, a central collection plaza, additional lanes at upper/lower Terminal drives, and enhanced connections to the surrounding expressways and MIC/Rental Car Center. The Terminal is expanding from 3.5 million to 7.4 million square feet with 101 International Gates and 26 Domestic Gates, for a total of 127 Gates with 555 ticket counters and 120 Self Service Devices (SSD). Separate Federal Inspection Services (FIS) locations in North, Central and South Terminals will have the capacity to process 7400 passengers per hour.

Following is the status of the two major components of the CIP: North Terminal Development (NTD) Program and South Terminal Development (STD) Program.

NORTH TERMINAL PROGRAM

Contractual Issues

- The Miami-Dade Aviation Department (MDAD) is currently negotiating a Change Order 2 to the Parsons Odebrecht Joint Venture (POJV) contract for completion of the North Terminal Project. This Change Order will:
 - Establish lump sum costs for construction of the A-B and B-D projects,
 - Establish a single construction schedule for the work,
 - Establish a revised construction schedule,
 - Establish an equitable sharing of risk, and
 - Require POJV to coordinate all work on-site, including the Automated People Mover (APM) and baggage handling system contractors (who are under direct contracts with the County).
- The benefits of this Change Order are possible since conditions in the incomplete building have been ascertained. The current contract, negotiated in early 2005, applied a sharing of risk that is now not in the County's best interest.
- Critical work on the building shell, mechanical, electrical and building management systems have been addressed in a limited scope Annex 6 which has been fully executed and is ongoing. Pile testing work was completed in April for the A-B project, and a ground breaking ceremony was held on May 3.
- Capital Improvement Program (CIP) budget revisions covering increased costs have been approved by the Board of County Commissioners (BCC) and the POJV Change Order will be presented in the May 22 BCC meeting.
- All building permits are expected to be approved by May 22.

Completion Work

- "Completion"¹ work that began in July 2006 progresses with a work force of about 390 workers on-site. The B-C completion project No. 745B (Annex # 3) is progressing according to the schedule. Annex # 4 the C-D Infill and APM Maintenance and Service Facility completion project has been executed and the contractor has commenced work. Annex # 5 the Gate Control Tower has also been executed and work is progressing according to the schedule. **Construction of the building's concrete shell was completed approximately 1 month AHEAD of schedule.** This ongoing work is well organized and moving ahead.
- Pace of construction will pick up dramatically when new agreements are signed and additional Notices to Proceed (NTPs) are issued. The A-B and B-D original contract projects have been procured and await Change Order 2 approval. A limited Annex 6 has been executed to allow critical path work to continue as the contract amendment negotiations continue until mid-May.
- Civil and Building contracts continue with long-time performers Crompton and Marks Brothers.
- The re-designed Terminal Wide Improvements (TWI) project was submitted on time in April. This project will be publicly bid (outside of the POJV agreement) in June.

Construction Phasing/Scoping

- The TWI project redesign was submitted as scheduled. A separate early demolition package (for TWI) was completed in December 2006 and is expected to be started in the spring of 2007 to facilitate critical path work.
- Concourse A will be closed after the opening of the South Terminal to facilitate the work and convert access to the job site into land side.

¹ The North Terminal Project construction work is comprised of several major components:

- Completion Work- this is the area between old Concourses B and C which was partially constructed under TAAT. It was left in an unfinished condition.
- BD- the area between old concourse B and D, on the "airside" of the terminal. It consists of new construction and extensive renovations to the existing terminal.
- AB- this is basically all-new construction between concourses A and B.
- TWI- this is the extensive renovation of the existing terminal area between concourses A and D.
- APM- this is the rooftop people mover system being supplied and installed by Sumitomo Corporation of America.
- BHS- this is the new automated baggage system being furnished and installed by Siemens.

North Terminal Claims Status Report

NTD Claim Overview 04/27/07
 Summary of All Claims

NTD CLAIM STATUS	Number of Claims	Claim Amount	Settlement Amount	Settlement Check Amount	Status
PAID STATUS					
Claimants have picked-up Checks	165	\$ 92,531,952.75	\$ 40,250,031.96	\$ 39,440,443.64	Paid
PAYMENT IN PROCESS STATUS - (PROFESSIONAL COMPLIANCE DIVISION)					
With Professional Compliance Division - will be paid within 30 days	2	\$ 39,384.01	\$ 39,384.01	N/A	Next 30 Days
CLAIMS READY FOR BCC APPROVAL					
Next BCC meeting is 4/24/07 then 30 days with Professional Compliance	9	\$ 3,367,452.64	\$ 1,490,686.01	N/A	Next 60 Days
SUBTOTAL OF SETTLEMENTS:	176	\$ 95,938,789.40	\$ 41,780,101.98	\$ 40,970,513.66	Next 60 Days

	Number of Claims	Claim Amount		Offer Amount	
SETTLEMENT AGREEMENTS IN PROCESS					
County Attorneys Office	11	\$ 5,443,004.64		\$ 3,249,730.08	
ORB APPROVED					
Other Approvals in Process	51	\$ 19,648,469.92		\$ 6,351,207.62	
CLAIMANT STATUS					
Awaiting Claimant Action	27	\$ 12,678,383.59		\$ 3,284,962.60	
SUBTOTAL OF OFFERS:	89	\$ 37,769,858.15		\$ 12,885,900.30	

	Number of Claims	Claim Amount		Offer Amount	
CLOSED STATUS					
No Action Required	66	\$ 20,634,656.38		\$ -	

	Number of Claims	Claim Amount		Offer Amount	
PENDING STATUS					
Claims that have not yet been reviewed by the ORB	11	\$ 8,620,672.01		\$ -	

	Total Number of Claims	Total Claim Amount	Total Settlement Amounts	Total Outstanding Offers	Status
GRAND TOTALS - NTD CLAIMS PROCESS:	342	\$ 162,963,975.94	\$ 41,780,101.98	\$ 12,885,900.30	

AS OF 04/27/2007

SOUTH TERMINAL PROGRAM

Construction Status

- Preliminary Smoke Evacuation Tests commenced on 3/14/07 for the South Terminal, revealing required design modifications, which are in the process of being implemented. Preliminary tests for Concourse J started on 5/7/07, which included the 5th floor and 50% of the ground floor.
- Fire Alarm System testing and inspections are proceeding at a steady pace with 3 out of 6 South Terminal control panels completed.
- Carter Burgess is currently on-site evaluating Baggage Handling System readiness for Battelle testing and certification. Battelle mobilization is forecast for 5/21/07 pending GE adjustments to CTX machines. Preliminary tests by the vendor have been on-going in support of Battelle testing.
- Commissioning of the Concourse J Passenger Loading Bridges (PLB) has been completed.

- Flushing of the underground fuel line laterals for H-J Paving is now complete.
- Permitting has been approved for Concourse J sterile corridor AIPP glass wall installation. Erection of steel framing for the glass walls has commenced.

Current Issues

- Significant list of Building and Fire Department comments is being worked off by Contractor. Modifications due to AHJ requests are being programmed for completion before First Flight Date of 8/15/07.
- Contractor failed to achieve Milestones 5, 6, and 7 on time; however these do not affect the First Flight date at this time.
- The Contractor's preliminary April schedule update forecasts Phase I substantial completion on July 13, 2007 due to mapping for connection, configuration, and functional testing of the CCTV system with the Access Control System. Efforts to mitigate this are on-going.
- Fire rating of Concourse J architectural wood veneer panels is being evaluated by the Fire Marshall for approval. There is a non-conformance report issued to the Contractor questioning compliance to specifications.
- Approximately 38 Smoke zone tests need to be performed for South Terminal and 36 for Concourse J. Contractor is developing a plan to perform as many tests concurrently as possible. These activities are putting a constraint on meeting the 5/31/07 projected TCO. A delay in obtaining a TCO on 5/31/07 is not significant unless it prevents the Program from obtaining First Flight by 8/15/07.

Summary

- The Program Team is meeting weekly to mitigate any schedule slippages against the agreed Change Order # 8 completion dates. Sustained Contractor productivity and craft staffing are requirements for successfully achieving Phase I substantial completion by June 19, 2007 and First Flight on August 15, 2007. In order to de-link North Terminal from South Terminal, all Airline relocations from North to South and North to Central must be completed by November 10, 2007. Because of this the August 15, 2007 milestone date is the most critical for the Capital Improvement Program at this time.


Assistant County Manager