Memorandum

MIAMI-DADE COUNTY

Date: June 14, 2007

ATC
Agenda Item No.
4(A)

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

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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

- Miami-Dade Aviation Department (MDAD) has concluded negotiating Contract Change Order 2 with Parsons-Odebrecht Joint Venture (POJV) which specifies lump sum construction costs for the B-D and A-B projects under one single A-D annex, with the following benefits:
    - equitable sharing of risk
    - POJV responsible for the whole A-D consolidated project
    - predictable costs (lump sum for project AD)
    - POJV responsible for a consolidated construction schedule
    - POJV responsible for Site General Conditions on a Lump Sum basis.
    - POJV responsible for coordination of all work on-site, including the APM and Baggage Handling system contractors (who are under direct contracts with the County).
    - Program to be substantially complete early in 2011

- This Change Order with lump sum figures is now possible since conditions in the incomplete building have been ascertained from the time when the current contract was negotiated in early 2005. The current contract applied a sharing of risk that is now not in the county's interest.
- Critical work on 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 has begun as scheduled. The A-B groundbreaking ceremony took place as scheduled on May 3rd.

- Capital Improvement Program (CIP) Budget Revisions covering increased costs have been approved by the Board of County Commissioners (BCC) and the POJV Change Order was presented at the May 22 at the BCC meeting. Contract costs are within the approved budget.

Completion Work

"Completion"[1] work that began in July 2006 continues progressing with a work force of about 400 workers on-site daily. 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 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 on-going work is well organized and moving ahead.

- Pace of construction will pick up dramatically now that the Change Order 2 has been executed by the County and the Notice to Proceed (NTPs) for all remaining work are being issued. The A-B and B-D original contract projects have been procured.
- Civil and Building contracts continue with Crompton, Thornton, and Marks Brothers. Demolition of Concourse B work is nearly complete.
- The Terminal Wide Improvements (TWI) project will be publicly bid in June. Contractor outreach was scheduled for May 23rd. At least seven capable General Contractors were expected to attend as of this writing.

Construction Phasing/Scoping

- It is still anticipated that Concourse A will be closed after the opening of the South Terminal to facilitate the North Terminal work and, as previously discussed, 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

The following total is a new format for reporting claims. The first table summarizes all claims. The second table covers CSBE firms only; Additional detailed information is available.

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	167	$ 92,571,336.76	$ 40,289,415.97	$ 39,440,443.64	Paid
PAYMENT IN PROCESS STATUS - (PROFESSIONAL COMPLIANCE DIVISION)					
With Professional Compliance Division - will be paid within 30 days	15	$ 10,950,529.39	$ 2,988,473.04	N/A	Next 30 Days
CLAIMS READY FOR BCC APPROVAL					
Next BCC meeting is 4/24/07 then 30 days with Professional Compliance	0	$ -	$ -	N/A	Next 60 Days
SUBTOTAL OF SETTLEMENTS:	182	$ 103,521,866.15	$ 43,277,889.01	$ 42,428,916.68	Next 60 Days

	Number of Claims	Claim Amount		Offer Amount	
SETTLEMENT AGREEMENTS IN PROCESS					
County Attorneys Office	12	$ 4,889,685.49		$ 3,255,207.76	
ORB APPROVED					
Other Approvals in Process	49	$ 14,949,230.26		$ 6,277,172.90	
CLAIMANT STATUS					
Awaiting Claimant Action	22	$ 11,301,471.96		$ 2,756,057.68	
SUBTOTAL OF OFFERS:	83	$ 31,140,387.71		$ 12,288,438.34	

	Number of Claims	Claim Amount		Offer Amount	
CLOSED STATUS					
No Action Required	67	$ 21,562,349.21		$ -	

	Number of Claims	Claim Amount		Offer Amount	
PENDING STATUS					
Claims that have not yet been reviewed by the ORB	10	$ 6,739,372.87		$ -	

	Total Number of Claims	Total Claim Amount	Total Settlement Amounts	Total Outstanding Offers	Status
GRAND TOTALS - NTD CLAIMS PROCESS:	342	$ 162,963,975.94	$ 43,277,889.01	$ 12,288,438.34	

AS OF 05/18/2007

CSBE SUMMARY

NTD CLAIM STATUS	Number of Claims	Claim Amount	Settlement Amount	Settlement Check Amount	Status
PAID STATUS Claimants have picked-up Checks	25	$ 1,733,104.43	$ 1,169,126.38	$ 782,471.12	Paid
PAYMENT IN PROCESS STATUS - (PROFESSIONAL COMPLIANCE DIVISION) With Professional Compliance Division - will be paid within 30 days	0	$ -	$ -	n/a	Next 30 Days
CLAIMS READY FOR BCC APPROVAL Next BCC meeting is 4/24/07 then 30 days with Professional Compliance	0	$ -	$ -	n/a	N/A
SUBTOTAL OF SETTLEMENTS:	25	$ 1,733,104.43	$ 1,169,126.38	$ 782,471.12	N/A

	Number of Claims	Claim Amount		Offer Amount	
SETTLEMENT AGREEMENTS IN PROCESS County Attorneys Office	0	$ -		$ -	
ORB APPROVED Other Approvals in Process	0	$ -		$ -	
CLAIMANT STATUS Awaiting Claimant Action	5	$ 1,278,105.62		$ 98,173.15	
SUBTOTAL OF OFFERS:	5	$ 1,278,105.62		$ 98,173.15	

	Number of Claims	Claim Amount		Offer Amount	
CLOSED STATUS No Action Required	4	$ 845,424.66		$ -	

	Number of Claims	Claim Amount		Offer Amount	
PENDING STATUS Claims that have not yet been reviewed by the ORB	2	$ 2,356,947.25		$ -	

	Total Number of Claims	Total Claim Amount	Total Settlement Amounts	Total Outstanding Offers	Status
CSBE GRAND TOTALS - NTD CLAIMS PROCESS:	36	$ 6,213,581.96	$ 1,169,126.38	$ 98,173.15	

AS OF 05/18/2007

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 was forecast for 5/21/07 pending GE adjustments to CTX machines. Preliminary tests by the vendor have been ongoing 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 on by Contractor. Modifications due to requests from the authorities having jurisdiction 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 ongoing.

- 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 put 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