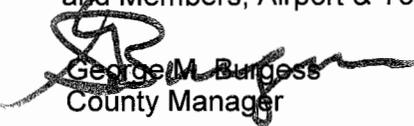


**Date:** May 15, 2008

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

**From:**   
George M. Burgess  
County Manager

**Subject:** Miami-Dade Aviation Department Capital Improvement Program Report

ATC  
Agenda Item No:  
7(B)

The Miami-Dade County Board of County Commissioners (BCC) adopted a Master Plan for Miami International Airport (MIA) and approved a \$6.2 billion Capital Improvement Program (CIP). The CIP at MIA 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 Miami Intermodal Center (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 7,400 passengers per hour.

The 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**

- Parsons-Odebrecht Joint Venture (POJV) has signed and executed the majority of trade contracts. There are no contractual issues to report.
- A Notice to Proceed (NTP) dated April 21, 2008, was sent to MCM for the Terminal Wide Improvement (TWI) project. All bonds and insurance documents have been satisfied. The NTD team is assisting MCM to obtain approval for their phasing plan and Maintenance of Traffic (MOT) which include their staging area.

### **Construction Issues**

#### **POJV Work**

- NTD POJV workforce has reported 925 workers for the month of March.
- Overall workforce at the NTD, including all contractors, is a little more than 1,200 workers.

#### **Managing General Contractor (MGC) Baseline Schedule**

- POJV submitted the MGC base line schedule and it was approved on February 22. POJV submitted its their first update on March 25, providing a true snap shot through February 29, including all work orders, and other extended delays.
- First schedule update including all work orders (through February 29, 2008) was reviewed by the NTD team, and the initial schedule update contained a three-month delay; of which 40 days were already mitigated by the timely opening of two gates. Currently, a mitigation plan to bring back the program to baseline completion dates is being analyzed and negotiated with POJV.

#### **A-B Infill**

- Top-out of the structural building infill shell was successfully achieved on Thursday, April 17, 2008 (a little ahead of schedule). Two American flags were placed on top of the structure to memorialize this milestone.
- Conversion of the A-B worksite from airside to landside was achieved on March 7, 2008. This is a very significant milestone in the North Terminal project that enabled contractor to significantly increase the work force at the NTD.
- Work is progressing well and according to schedule.

### **B-C Infill**

- Annex # 3 is in the process of achieving substantial completion. Meetings with POJV were to be held the week of April 28 to determine the best alternative to complete the work and close this Annex.
- Previous concerns regarding Baggage Handling System (BHS) Areas 1, 2 and 3 have been coordinated with POJV and mitigated to avoid delays to Siemens.
- Installation of conveyors is progressing well at the Explosion Trace Detection (ETD) room. TSA staff from Washington, D.C., conducted a site visit. They were very satisfied with the design and sizing of the room
- The 756E B-C ticket counter work is progressing very well, with most issues having been resolved; work has been accelerated. The only issue of concern is timely installation of the induction belts steel plates.
- Interior finishes are progressing very well on concourse and third levels; however ramp level has not progressed as anticipated. POJV has been directed to accelerate the work and efforts.

### **C-D Infill**

- Gates D-37 and D-38 opened on April 9, 2008, as scheduled. The first flight from American Airlines took place at 1430 hours. MDAD is still concerned with the progress on remaining work needed for phase 1. POJV insists that they will be able to bring the progress of the work back within schedule. MDAD and POJV are tracking progress on a daily basis.
- 739I D-Remodel Ramp Level Improvements work phase I was completed ahead of the schedule. The NTD team is working to relocate AA ramp offices and break room next week. A TCO was obtained and the space is ready to accommodate AA.
- 739C D-Remodel work is scheduled to commence around mid 2008. Submittals and coordination issues are progressing according to schedule.
- 740A Federal Inspection Services (FIS) work is progressing extremely well, with interior metal framing ahead of schedule. The key scope of work will be terrazzo flooring. Mechanical Electrical Plumbing (MEP) installation has begun, and the project is on schedule.
- C-D Interim Checkpoint is progressing extremely well and according to schedule; POJV is currently proceeding with MEP installation and framing work.
- Annex # 4 has been substantially completed and is in the process of being closed out. Closing documents have been routed for approvals.
- Annex # 5 Gate Control Tower: The Temporary Certificate of Occupancy (TCO) was obtained on April 9, 2008, and the control tower is ready for occupancy. American Airlines is currently installing equipment and monitors.

### **NON-POJV WORK**

#### **Concourse D Extension**

- Construction documents to bid the remaining work to complete the D-Extension project are expected to be ready by the end of May 2008.
- The TCO has been renewed and approved by the Board of Rules and Appeals (BORA).
- Apron work has achieved substantial completion. Work has progressed extremely well, and it is anticipated that Gate D-50 will open on May 9, 2008.

#### **Terminal Wide Improvements**

- Notice to Proceed was issued for April 21, 2008.
- Pre-construction activities are being held with MCM in preparation for deliverables after the NTP.
- Permit has been properly pulled by the contractor.
- Final bonds and insurance documents were properly submitted and approved.

### **Regional Commuter Facility (RCF)**

- 100 % drawings have been submitted, review comments have been addressed by the A/E. The project has been submitted to the building department.
- The County's Review Committee made its recommendation in January with a goal of 25% CSBE and 29% CWP.
- The NTD team is still very optimistic that this project will attract several bidders.
- Advertisement for the project was scheduled for May 8, 2008.
- Since there are issues with the covered walkway, that portion of the project has been removed from the building package and will be bid as part of the civil apron work in order not to delay the project.

### **Baggage Handling System**

- Negotiations have progressed well with Siemens for the total cost to complete the project according to the revised schedule. A change order has been prepared for ATC consideration.
- Work is progressing well. The central security matrix problems were resolved so Siemens is currently working to prepare the area for the delivery of the 14 CTX machines.
- Installation of conveyor work is also progressing well.
- MDAD continues mitigation efforts related to any impacts to Siemens work, in particular the ticket counters west of the central security matrix.
- Progress meetings with TSA headquarters are ongoing to ensure compliance with the most recent Baggage Screening Investment Study (BSIS) screening procedures. A total of 14 CTX machines are scheduled to be delivered by the end of May 2008.

### **Automated People Mover (APM)**

- Change Order # 3 with Sumitomo (SCOA) has been signed by the Contractor, PMs, AEs, and MDAD. They will be presented to the ATC in May, and to the BCC on June. Work is progressing well and according to the revised schedule.
- Trains were shipped and they are currently sailing to arrive at the job site in May 2008.

### **Civil Work**

- Apron work at Gate D-50 was successfully completed, and it is ready for the scheduled gate opening in May 9, 2008.
- Design documents for civil work for the apron area at the RCF are scheduled for 100% documents delivered by mid-June 2008.
- C-D Apron concrete pavement has been completed and Gates D-37 and D-38 were opened on April as scheduled.
- Aircraft Hydrant Fueling Completion. Pricing has been received from Marks Brothers and reviewed by US Cost. The cost is within 3% of the estimate. MDAD has begun the change order process.
- Concourse A landside access road work has begun and will be ready by the end of May. POJV is taking full advantage of the landside conversion which took place in March.

### **Construction Phasing/Scoping**

- The landside access road work and striping is progressing according to schedule.
- A new phasing initiative regarding opening gates has been devised in order to reduce costs and mitigate and reduce delay exposures. The team is currently working on the details, and sequencing.

## **SOUTH TERMINAL PROGRAM**

### **Construction Status**

- Within the South Terminal, 18 of the 19 planned airline relocations into Concourses H & J have been completed. The remaining airline to be relocated, Aero Mexico, is scheduled to move in late summer 2008. All relocations from Concourse A have been completed.
- Contractor continues to work on the completion of the remaining elevators, escalators and moving walks, Authorities Having Jurisdiction (AHJ) items, punch list items, finishes, H4 apron restoration, commissioning, and smoke testing.

- Punch list inspections continue to progress. B312A Concourse J has completed 3,650 of +/- 3,800 items (95%). Approximately 5,500 items of +/- 24,100 punch list items in South Terminal (B313A & A155A/S) have been completed (24%). Of the remaining Open Items, POJV has identified approximately 6,500 items which they have classified as 'disputed'.
- 28 new work orders have been prepared with an estimated value of \$550,000 through the process established for identifying and monitoring non-POJV work remaining on the South Terminal Program

### **Current Issues**

- Completion of work related to Building and Fire Department comments as well as remaining base contract work is pending in order to maintain TCO status and obtain final COs.
- There remains a concern with the contractors providing proper staffing on the project in order to complete all the remaining work. Some of the sub-contractors as well as POJV are shifting personnel to other airport projects. POJV has committed to helping MDAD to close out Phase 1 by June 2008.
- The contractor has not submitted an updated South Terminal Overall Progress Schedule (OPS) in 20 weeks; however, this schedule submission is essentially a commercial entitlement schedule. POJV requested substantial completion in late August, which initiated the punch list process. The POJV Commissioning Schedule, which is currently independent of the OPS submission, reflects approximately 80% complete with a target completion date in April 2008 (as of this writing) or the Mechanical Systems. The Building Management System and the Security System (CCTV, Intercom and Access Control) target completion date is in the third quarter of 2008.
- In February 2008, POJV transmitted its proposed final claim submission. POJV has certified, under Ordinance 99-152 a total of \$42.5 million. POJV submission and its recent correspondence to MDAD indicates that POJV will continue to further evaluate the trade contractors' claims and after completing its evaluation may adjust claimed amounts accordingly.
- MDAD presented its review of the February 2008 submission on April 28, 2008, to POJV. POJV has agreed to make efforts to close out all remaining issues dealing with Phase 1 by mid-summer 2008.
- There are approximately 880 open "A" list items identified by the Authorities Having Jurisdiction (building Department, Fire Department, DERM) which are requirements for obtaining permanent Certificates of Occupancy. The increase this period is due to additional Electrical and Mechanical items identified by the AHJ.
- There are approximately 96 open "B" list items which correlate to de-scoped or third-party (Airlines, TSA, Customs & Border Patrol) requests. These items are being evaluated through the non-POJV work-order process noted above.

### **Summary**

- Continued focus will be required in order to complete the remaining portions of the facility for Substantial Completion. Contractor must get subcontractors to increase productivity and craft staffing as these are essential requirements to complete all remaining finish work. A new work order process for non-POJV scope is underway to manage the completion of outstanding scope items not currently in POJV's scope, many of which have been identified through the AHJ TCO process.

  
Assistant County Manager