Memorandum

MIAMI-DADE COUNTY

Date: April 17, 2008

ATC
Agenda Item No.
7(B)

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

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 as of this report.
- A Notice of Award of Contract was sent to MCM on February 18 for the Terminal Wide Improvement Project. Bonds and insurance documents have been received from MCM; however MDAD risk management is awaiting a confirmation letter from sureties.

Construction Issues

POJV Work

- NTD POJV workforce has reported 760 workers for the month of February.
- Overall workforce at the NTD, including all contractors, is more than 1,100 workers.

Managing General Contractor (MGC) Baseline Schedule

- POJV submitted the MGC base line schedule on January 16. It was reviewed by the NTD Team, returned for corrections, and a revised version received February 19. Baseline schedule was approved by February 22. POJV submitted its their first update by March 6, providing a true snap shot through January 25, including all work orders, and other extended delays.
- Baseline schedule has been approved; the first update including all work orders through February 29 is currently under review.

A-B Infill

- Structural and underground utility work is progressing very well according to schedule. Auger piles and caps are completed. Structural work is maintaining schedule.
- Mitigation work necessary to offset delays due to the demolition of Stair Towers (by Crompton) has been fully executed with POJV.
- 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.
- Milestone of completing the second floor concrete slab was achieved as of February 6. It is now possible to walk from Concourse D extension to existing Concourse A (the full mile walk) with no building interruptions. Third level and roof top APM guide rails are progressing very well.

- All columns necessary for the three floors have been completed.

B-C Infill

- Work is progressing as per current schedule. Previous concerns regarding Baggage Handling System (BHS) Areas 1, 2 and 3 have been coordinated with POJV and mitigated to avoid delays to Siemens.
- Explosion Trace Detection (ETD) room has achieved substantial completion; and remaining work is proceeding according to schedule.
- The 756E B-C ticket counter work is progressing very well, with most issues having been resolved; work has been accelerated.
- 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

- POJV is focusing on the openings of Gates D-37 and D-38, scheduled for April 2008. MDAD is concerned with the progress on remaining work needed for phase 1. POJV insists that it will be able to bring the progress of the work back within schedule. Opening of gates are still as scheduled; MDAD and POJV are tracking progress on a daily basis.
- 739 D-Remodel Ramp Level Improvements work is proceeding per the schedule. Mitigation alternatives have been found to allow early access to apron lay-down area prior to relocation of the AA ramp offices and break room.
- 739C D-Remodel work is scheduled to commence around mid 2008. Submittals and coordination issues are progressing according to schedule.
- 740A 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 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 close out. Closing documents are being routed for approvals.
- Annex # 5 Gate Control Tower was scheduled to obtain a Temporary Certificate of Occupancy (TCO) by the end of March as of this writing. There was malfunctioning HVAC equipment (installed by the previous contractor) that needed replacement. The part has been installed and tests were conducted. Smoke evacuation and generator successfully passed all testing inspections.

NON-POJV WORK

Concourse D Extension

- Construction documents to bid the remaining work to complete the D-Extension project should be received in early April. 75% documents have been submitted for review and approval.
- The TCO has been renewed and approved by the Board of Rules and Appeals (BORA).
- It is anticipated that Gate D-50 will open by the second week of May. Apron work has achieved substantial completion.

Terminal Wide Improvements

- On February 7, the BCC awarded the TWI contract to MCM-Dragados. A Notice of Award of Contract was sent to MCM and received on February 18.
- A successful day-long preconstruction meeting was held on March 12.
- Permit is ready to be pulled by the Contractor after receiving the notice and a pre-construction conference date will be announced. MCM is awaiting Notice to Proceed (NTP) to pull the permit.
- Final bonds and insurance documents are currently under review by MDAD Risk Management, and the sureties have been asked to submit additional information.

Regional Commuter Facility (RCF)

- 100 % drawings have been submitted, review comments have been addressed by the A/E.

- The Review Committee made their recommendation in January with a goal of 25% CSBE and 29% CWP.
- A very successful Contractor Outreach Meeting was held and many contractors attended, showing interest to bid this project.
- It is anticipated to advertise the project for bids by mid-April 2008.

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 is being prepared as of this writing.
- 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 is working to mitigate problems related to any impacts to Siemens work, in particular the ticket counters west of the central security matrix.
- A meeting with TSA headquarters was held in February to review the NTD BHS and new Baggage Screening Investment Study (BSIS) screening procedures. Periodic meetings will be held with TSA until all issues are properly addressed and resolved. 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 SCOA has been signed by SCOA and it is now being routed for all other signatures; it is anticipated that it will be ready for ATC consideration approximately May 2008.
- Work is progressing well and according to the revised schedule.
- Trains are schedule to arrive to the job site in May 2008. The last exercising of the remaining fleet (not packed for shipment yet) occurred on February 24, four months earlier than the original schedule (September '08). Trains have been wrapped and packed and ready to be delivered to the ship yard on March 28, 2008.

Civil Work

- Apron work at Gate D-50 is ahead of schedule, and it is anticipated that the gate will be opened as scheduled in April 2008. Work inside the building hold rooms and certification of the elevator and escalator is progressing. Project has obtained substantial completion.
- Design documents for civil work for the apron area at the RCF was on schedule for 100% documents delivered by the end of March 2008.
- C-D Apron concrete pavement has been completed to accommodate scheduled openings of Gates D-37 and D-38. MOT has been presented and approved by all key players. Passenger Loading Bridges have been installed and work was completed as of March.
- 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 is beginning 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

- Concourse A was closed on November the 9th as scheduled.
- The perimeter airside fence was built according to schedule.
- The landside access road work and striping is progressing according to schedule.
- Conversion from airside to landside was achieved in March.

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.
- The TCO for the Park 6 Bridge was achieved; efforts to support TCO requirements for the remaining excluded areas continue.
- Punchlist inspections continue to be progressed. B312A Concourse J has completed 3550 of +/- 3700 items (95%). Approximately 4800 items of +/- 24,600 punch list items in South Terminal (B313A & A155A/S) have been completed (20%). Of the remaining Open Items, POJV has identified approximately 6,000 items which they have classified as 'disputed'.

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 16 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 75% complete with a target completion date in April 2008.
- In February, POJV transmitted its proposed final claim submission. POJV certification under Ordinance 99-152 (Miami-Dade County False Claims Ordinance) a total of $42 million. Roughly $9 million of the certified amount was for POJV claim entitlement and $33 million related to POJV's certification of its Trade Contractors total claims out of a submitted $114 million. POJV claims entitlement to more than 300 days of delay that were mitigated to approximately 210 for events and/or conditions occurring from May 5, 2006, through September 19, 2008. MDAD is currently reviewing the submission. POJV have agreed to a schedule for resolution, i.e., 60 days from receipt of a "Claim" MDAD will respond. POJV will be given approximately two weeks to review MDAD's response preceding Good Faith Negotiations commencing on or before May 16, 2008. POJV has agreed to close out all remaining issues dealing with Phase One on or before June 30, 2008.

Summary

Eighteen airlines have been relocated into the South Terminal concourses H & J to date. Continued focus will be required in order to complete the remaining portions of the facility for Substantial Completion. Contractor must provide further emphasis on their subcontractors, with productivity and craft staffing being 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