

Memorandum



Date: April 14, 2010

To: Honorable Chairperson Barbara J. Jordan
and Members, Transit, Infrastructure & Roads Committee

From: George M. Burges
County Manager

A handwritten signature in black ink, appearing to read "G. Burges", written over the printed name of the sender.

Subject: Quarterly Miami Intermodal Center-Earlinton Heights (MIC-EH) Update

TIR
Agenda Item No:
7(B)

Attached is the MIC-EH Update Report as requested at the June 10, 2009, Transit Infrastructure & Roads Committee meeting. This synopsis of the project status will continue to be provided on a quarterly basis in accordance with the Committee's request.

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Assistant County Manager

**MIAMI-DADE TRANSIT
 QUARTERLY BRIEFING REPORT
 JANUARY – MARCH 2010
 ORANGE LINE PHASE 1: MIC-EARLINGTON HEIGHTS CONNECTOR**

PROJECT PHASE: Alternatives Analysis Preliminary Engineering Final Design Bid & Award for Construction Construction

MDT PROJECT MANAGER: James A. Sumoski, P.E.
COMMISSION DISTRICTS: 2, 3, 5 & 6

Contractor: Odebrecht/Tower/Community Asphalt Joint Venture (ODTC J.V.)
ENGINEER OF RECORD: URS Corporation Southern
CONSTRUCTION ENGINEERING & INSPECTION (CE&I) FIRM: Pistorino & Alam

SCOPE

- ◆ The Orange Line Phase 1: MIC-Earlington Heights Connector Metrorail Extension consists of a 2.4-mile elevated heavy rail extension of the existing Metrorail System.
- ◆ It will extend from the existing Earlington Heights Metrorail Station to the proposed Miami Intermodal Center (MIC).
- ◆ The Project includes one station at the Miami Intermodal Center (MIC).

SCHEDULE

◆ Notice-to-Proceed (NTP) Construction Contract	April 30, 2009
◆ Revenue Operation Date	2nd Qtr CY* 2012

* Calendar Year (CY)

BUDGET

	2006	YEAR-OF-EXPENDITURE
Project Cost**	\$440,000,000	\$526,529,000

FOUR (4) FDOT MIC COMPONENTS BUDGET

	2008
Project Cost**	\$28,275,000

** Excluding Finance Charges

CURRENT STATUS: Project is moving forward on schedule and within budget. Project expenditures including FDOT components paid through February 28, 2010 are \$189,881,843. The construction through February 2010 including demolition, clearing and grubbing is 29.6% complete. Additional station site work completed to date includes foundations, pile caps, columns, bents, intermediate level deck, elevator hoistways, station canopy mock-up testing, canopy fabrication, guideway substructure, precast guideway girder fabrication and erection, precast guideway segments, utility relocations, drainage, Traction Power Sub-station (TPSS), tilt wall installation, and 95% system design.

**ISSUES/HIGHLIGHTS DURING THE 1ST QUARTER
 (JANUARY – MARCH 2010)**

- ◆ The Contractor, Odebrecht/Tower/Community Asphalt Joint Venture (ODTC J.V.), continued construction activities at the project site and at the guideway girder beam plant and the guideway segmental plant in accordance with the contract documents.
- ◆ Continued utility relocation including overhead transmission line relocation.
- ◆ Continued substructure work for the guideway, the installation of auger cast foundation piles and drilled shaft foundation piles, pile caps, pier caps, and piers. Erected U-beam girders.
- ◆ Continued site civil work at the MIC Station, including foundations, columns, bents, intermediate slab, MEP rooms, elevator and escalator pits, and elevator hoistways. Installed drill shafts for the West Concourse.
- ◆ Continued testing of the station roofing canopy mock-up and commenced fabrication of the canopy.
- ◆ Continued the NW 41st Street roadway reconstruction, including drainage installation and removal of existing drainage.
- ◆ Continued site civil work for the Traction Power Sub-stations (TPSS): form poured, tilt-up wall panels erected, CMU walls placed, columns and beams formed, and hollow core roof slab erected.
- ◆ Continued review of the 95% phase submittal for the Systems Design.
- ◆ Florida Power & Light (FPL) completed the design for the electrical feeders and vaults for the TPSS buildings.
- ◆ FPL bid and awarded contract for the underground feeder installation from the existing FPL substations to the new TPSS's.

**UPCOMING ACTIVITIES FOR THE 2ND QUARTER
 (APRIL – JUNE 2010)**

- ◆ Continue substructure and superstructure work for the guideway.
- ◆ Continue roadway work along NW 41st Street.
- ◆ Continue guideway segment fabrication.
- ◆ Install foundations and columns for the West Concourse. Continue to install columns, bent beams, and platform deck for MIC Station. Continue fabrication of the station canopy.
- ◆ Continue construction of Traction Power Sub-stations (TPSS).
- ◆ Complete Systems Design.
- ◆ Continue utility relocation.
- ◆ FPL to continue work on Feeder ductbank installation for Traction Power Sub-stations (TPSS).