

# Memorandum



**Date:** April 16, 2008

**To:** Honorable Chairman Dorrin D. Rolle  
and Members, Transit Committee

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

**Subject:** Monthly Orange Line Update

TC  
Agenda Item No. 5(E)

---

Attached is the Monthly Orange Line Update Report as requested during the February 7, 2008, Board meeting. This synopsis on the status of the three phases of the Orange Line will continue to be provided on a monthly basis in accordance with the Board's request.

  
Assistant County Manager

**MIAMI-DADE TRANSIT**  
**MONTHLY BRIEFING REPORT**  
**MARCH 2008**  
**ORANGE LINE PHASE 1: MIC-EARLINGTON HEIGHTS CONNECTOR**

PROJECT PHASE:  Alternatives Analysis  Preliminary Engineering  Final Design  Construction

MDT PROJECT DIRECTOR: Ahmed Rasheed, P.E.  
 PMC PROJECT MANAGER: Jenner Alfaro, P.E.

CORRIDOR CONSULTANT: URS Corporation Southern  
 COMMISSION DISTRICTS: 2, 3, 5 & 6

**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);
- ◆ In October 2004, the decision was made to implement this project with State and Local funds only.

**SCHEDULE**

◆ Construction Bid Opening	June 2008
◆ TC approval for CE&I consultant selection	June 2008
◆ Obtain titles for all parcels	June 2008
◆ NTP Construction	December 2008
◆ Revenue Operation Date	Last Quarter 2011*

\* Calendar Year (CY)

**BUDGET**

	2007	YEAR-OF-EXPENDITURE
Project Cost**	\$440,000,000	\$526,000,000

**BUS PLAZA BUDGET**

	2007	YEAR-OF-EXPENDITURE
Project Cost**	\$33,000,000	\$39,000,000

\*\* Excluding Finance Charges

**CURRENT STATUS:** Construction Contract was advertised in March 2008. The Project is scheduled for completion during the last quarter of CY 2011.

**ISSUES/HIGHLIGHT DURING THE MONTH OF MARCH 2008**

- ◆ Bid documents were completed;
- ◆ Construction Contract was advertised;
- ◆ Miami-Dade Public Works Department continued Right-of-Way Engineering;
- ◆ Continued development of 3<sup>rd</sup> Demolition Contract;
- ◆ Negotiations with MDX continued to complete the Joint Use Agreement (JUA);
- ◆ Finalized the Joint Participation Agreement with FDOT
- ◆ Proposals for Construction Engineering & Inspection (CE&I) were received;
- ◆ FPL Distribution continued relocation efforts at the east end of the project limits;
- ◆ AT&T started relocation efforts at the east end of the project limits;
- ◆ DERM continued the evaluation of MDX Phase II reports
- ◆ Continued negotiation of the CSXT Flagging Agreement
- ◆ Interdepartmental Agreement between Miami-Dade Water & Sewer Department (MD-WASD) and MDT for the utility relocations by MD-WASD was approved by MDT's Director's Office;
- ◆ Memorandum of Understanding (MOU) for the utility relocations by MD-WASD was issued
- ◆ Started schedule coordination with FPL Transmission for utility relocation

**UPCOMING ACTIVITIES IN THE MONTH OF APRIL 2008**

- ◆ Continue Right-of-Way (ROW) acquisitions;
- ◆ Continue development of 3<sup>rd</sup> Demolition Contract;
- ◆ Finalize Joint Participation Agreement (JPA) with MDX;
- ◆ Conduct environmental site assessments as requested by DERM;
- ◆ Continue utility relocations;
- ◆ Finalize negotiation of the CSXT agreement;
- ◆ Start utility relocation by MD-WASD;
- ◆ Establish addendum process protocol for the Construction Contract;
- ◆ Review bid documents and produce addendums as required.

**MIAMI-DADE TRANSIT  
MONTHLY BRIEFING REPORT  
MARCH 2008  
ORANGE LINE PHASE 2: NORTH CORRIDOR METRORAIL EXTENSION**

PROJECT PHASE:  Alternatives Analysis  Preliminary Engineering  Final Design  Construction

MDT PROJECT DIRECTOR: Richard Pereira, P.E.  
PMC PROJECT MANAGER: Jaime Lopez, P.E.

CORRIDOR CONSULTANT: PTG  
COMMISSION DISTRICTS: 1 & 2

**SCOPE**

- ◆ The proposed North Corridor Metrorail Extension consists of a 9.5-mile elevated fixed guideway extension of the existing Metrorail System from the existing Martin Luther King Jr. Station at N.W. 62<sup>nd</sup> Street to a terminus at NW 215<sup>th</sup> St. just south of Florida's Turnpike;
- ◆ There are seven (7) stations within the project and seven (7) park-ride lots proposed for this project.

**SCHEDULE**

◆ New Starts Preliminary Engineering Design (Control Point No. 1) Submittal	November 2007
◆ Begin FTA Risk Assessment	Spring 2008
◆ Approval to Enter Final Design	Fall 2008/2009
◆ Complete Final Design	Fall 2010/2011
◆ Full Funding Grant Agreement (FFGA)	Fall 2009/2010
◆ Notice-to-Proceed (NTP) Construction Engineering & Inspection Consultant	Fall 2011/2012
◆ Right-of-Way Acquisition Completion	Winter 2012/2013
◆ NTP Construction	Spring 2012/2013
◆ Revenue Operations Date	Summer 2016/2017*

\* **Calendar Year (CY) - These dates represent a working timeline that will very likely be affected by the resolution of the financial plan and policy/administrative decisions made by FTA.**

**BUDGET**

	2007	YEAR-OF-EXPENDITURES
Project Cost**	\$1,115,000,000	\$1,431,558,000

\*\***Excluding Finance Charges**

**CURRENT STATUS:** The design consultant was issued a notice-to-proceed on work orders for New Starts Preliminary Engineering and the Systems Design/Furnish/Install Procurement. The plans are being advanced towards a New Starts Preliminary Engineering submittal to FTA in April 2008. Right-of-Way (ROW) survey and engineering documents are being prepared by the design consultant and reviewed by MDT to allow the ROW acquisition phase to commence.

On-going Preliminary Engineering design effort is focused on maintaining the Project's cost effectiveness. Received a Medium-Low New Starts rating from the FTA based on a budgetary shortfall identified in the financial plan. The FTA considered the financial plan assumptions optimistic with regard to such issues as sales tax revenue, increases in fares and growth in operating and maintenance costs. FTA had questions on the existing infrastructure renewal costs. MDT is currently taking steps to address the issues with the financial plan and is working with the County Manager's Office to address this shortfall. As a result, the Project Schedule has been revised to reflect new milestone dates based on the best available information as shown above. It will be finalized once the financial plan is completed.

**ISSUES/HIGHLIGHT DURING THE MONTH OF MARCH 2008**

- ◆ Prepared various draft revisions of financial plan scenarios;
- ◆ Continued incorporating design review comments on the New Starts PE /Systems Control Point Submittal No. 1;
- ◆ Continued incorporating cost reduction measures resulting from the New Starts Preliminary Engineering /Systems Capital Cost Estimate for the Project;
- ◆ Progressed Rev. 5 of the Project Management Plan (PMP) and Rev. 2 of the Real Estate Acquisition Management Plan (RAMP);
- ◆ Met with FPL to review current Traction Power design and discuss possible power feeder arrangements as part of the cost reduction effort;
- ◆ Progressed the train operation simulation to evaluate railcar fleet requirements;
- ◆ Continued review of In-progress submittal of System plans;
- ◆ Continued negotiations with property owners to gain access to remainder of Phase II ESA sites;
- ◆ System Integration Project Manager started in March;
- ◆ Public Meeting conducted on 3/27.

**UPCOMING ACTIVITIES IN THE MONTH OF APRIL 2008**

- ◆ Continue to develop Financial Plan approaches to address FTA comments on FY2009 New Starts Application;
- ◆ Sign Joint Letter with Miami-Dade College on the transit station location and alignment within the College;
- ◆ Begin to implement comments from FTA PMOC Safety & Security Spot Report;
- ◆ Progress MDT's Risk Matrix/Risk Management Plan in advance of FTA's Risk Assessment of the project;
- ◆ Complete review of In-progress submittal of Systems plans;
- ◆ Complete revisions to the PMP, QAPP and RAMP, pending completion of financial plan;
- ◆ Incorporate design review comments and cost reduction measures into the New Starts Preliminary Engineering/Systems plans prior to FTA Risk Assessment which will commence pending re-submittal of the financial plan;
- ◆ Finalize New Starts Preliminary Engineering/Systems Capital Cost Estimate for the Project incorporating the required cost reductions to the project in order to maintain cost-effectiveness;
- ◆ Meet with Art in Public Places to coordinate work effort with selected artist.

**MIAMI-DADE TRANSIT  
MONTHLY BRIEFING REPORT  
MARCH 2008  
ORANGE LINE PHASE 3: EAST-WEST CORRIDOR**

PROJECT PHASE:  Alternatives Analysis  Preliminary Engineering  Final Design  Construction

MDT PROJECT DIRECTOR: Ernesto Polo, P.E.  
PMC PROJECT MANAGER: Monica D. Cejas, P.E.

CORRIDOR CONSULTANT: HNTB Corporation  
COMMISSION DISTRICTS: 6, 10, 11 & 12

**SCOPE**

- ◆ The proposed East-West Corridor project consists of a 10 to 13 mile fixed guideway extension of the existing Metrorail System from the Miami Intermodal Center (MIC) at the Miami International Airport (MIA) to Florida International University (FIU) and points west to SW 137<sup>th</sup> Avenue;
- ◆ There are a maximum of 10 stations within the project;
- ◆ In addition to the stations there are park-ride lots proposed for this project.

**SCHEDULE**

◆ Submittal of Final Baseline Alternative Report	December 2007
◆ Locally Preferred Alternative (LPA) selection	July 2009
◆ New Starts Application/Request to enter Preliminary Engineering (PE)	May 2009
◆ PE completion	November 2010
◆ Record of Decision (ROD)	December 2010
◆ Final Design (FD) complete	September 2013
◆ Obtain Full Funding Grant Agreement (FFGA)	July 2013
◆ R/W Acquisition complete	June 2015
◆ Project Completion	Last Quarter 2019*

\* Calendar Year (CY)

*These dates represent a working timeline that will very likely be affected by the resolution of the financial plan and policy/administrative decisions made by the Federal Transit Administration (FTA).*

**BUDGET**

	<b>2007</b>	<b>YEAR-OF-EXPENDITURE</b>
Project Cost**	\$1.0 to \$1.8 Billion	\$1.4 to \$2.3 Billion

\*\*Excluding Finance Charges

**CURRENT STATUS:** A Supplemental DEIS is underway to update the 1998 FEIS, along with development of an alignment for MPO endorsement as the Locally Preferred Alternative (LPA). MDT is currently studying various alignment options; however, alternative 12C (S.W. 8<sup>th</sup> Street) appears to be the most cost effective alignment option. The Project schedule will be revised to reflect the updated financial plan once it has been adopted.

**ISSUES/HIGHLIGHT IN THE MONTH OF MARCH 2008**

- ◆ Finalized Project Briefing Book and the "Synopsis of Development of Estimated Ridership" memo (printing of bound copies is on hold);
- ◆ COR approved HNTB's latest Labor Rate Roster;
- ◆ PMC prepared memo to respond to supplementary comments made to MDT by the FTA on the "Final Baseline Alternative Development Report";
- ◆ MDT continued discussions on partnering opportunities with FDOT to give County First Right of Refusal on properties acquired in vicinity of project alignment;
- ◆ Finalized Technical Memorandum for eight additional mode and alignment options; Report includes engineering/track alignment, graphics and cost estimates for the following eight options:
  - Option 1: Bus Rapid Transit (BRT)
  - Option 2: Diesel Multiple Unit (DMU)
  - Option 3: Minimum Operable Segment (MOS) for Heavy Rail Transit (HRT)
  - Option 4: Light Rail Transit (LRT)
  - Option 5: Heavy Rail Transit/Bus Rapid Transit (HRT-BRT)
  - Option 6: Heavy Rail Transit/Light Rail Transit (HRT-LRT)
  - Option 7: Heavy Rail/Dual Mode Vehicles (HRT-DMV)
  - Option 8: Heavy Rail Transit (HRT)
- ◆ Environmental and engineering analysis continued.

**UPCOMING ACTIVITIES IN THE MONTH OF APRIL 2008**

- ◆ Submittal of responses to FTA's comments on the "Baseline Alternative Development Report";
- ◆ FTA's approval of Baseline Alternative Development Report for most recent alternatives;
- ◆ Continue developing Scoping Approach for most recent alternatives and discussion with FTA;
- ◆ Continue meetings with Public Officials and key stakeholders;
- ◆ Working towards a Locally Preferred Alternative (LPA).