Miami-Dade Transit’s AirportLink Metrorail Extension

Presentation to MIC Steering Committee
June 24, 2011
Project Overview

- Miami-Dade Transit’s AirportLink Metrorail Extension
  - Contract Amount: $360,405,395
  - Amount Completed and Stored as of April 2011: $291,252,392 (80.81%)
  - Contract Duration: 1095 Days
  - Notice to Proceed: April 30, 2009
  - Project End Date: April 29, 2012
  - Contract Day: 786
Metrorail Station at the MIC

• Accomplishments
  – Installing roof over West Concourse escalator and stair case
  – Installing granite floor at Platform Level
  – Installing steel skin for Bus and South Canopies
  – Art glass by Art In Public Places is also being installed
Guideway

• Accomplishments
  – Entire 2.4-mile guideway substructure completed
    • Drill Shafts and Augercast Piles
    • Piers and Pile caps
    • Segmental Erection
    • U-Beam Decks
    • Westbound tie-in & Eastbound tie-in slabs
  – Track Work is 65% complete
  – Commenced painting of guideway
  – Commenced installation of handrail and cable trays

• Utilities
  – Florida Power & Light completed installation of new electrical ductbanks to feed all three Traction Power Substations
  – Drainage Removal and Installation is 90% complete
Systems

• Accomplishments
  – Completed installation of equipment MIC Traction Power Station (MIC TPS), Traction Power Station 1 (TPS1) and Traction Power Station 2 (TPS2)
    • Commencing testing of MIC TPS
  – Delivered Communications equipment to the new Miami International Airport Metrorail station and to Central Control
    • Installation of equipment is 60% complete
  – Train Control equipment is scheduled to arrive by end of June
Construction Activities: Station

Installed Bus Canopy

West Concourse escalator and stairway
Construction Activities: Station

Vestibule Infill Art
glass installation

Information Booth at Plaza Level

South Canopy
Construction Activities: Guideway

Completed guideway over Miami River
Construction Activities: Guideway

Eastbound tie-in work to existing tracks from Earlington Heights Metrorail station
Construction Activities: Rail

Destressing of installed rail

View of completed rail
Construction Activities: Rail

Installation of steel bases for cable tray

Construction of plinth pads
Construction Activities: Systems

- Power feeder to guideway
- Impedance grounding jumper
- Installation of pothead connections
Construction Activities: Systems

Installing Train Control cables at station

Train Control cables in cable tray
Construction Activities: MIC TPS

DC Power Equipment

Equipment for DC Control UPS System
Construction Activities: TPS 1

Megger testing of AC feeder cables
Construction Activities: TPS 2

Installing MV feeder cables to DC Rectifier

Control cabinet for AC Switchgear