



# Capital MetroRail

Rail Startup  
Board Update

January 25, 2010

# Progress Since Last Update

- Federal Railroad Administration
  - FRA D.C. and Regional Staff on-site January 12 for comprehensive review of Rail Operations status
    - Reviewed infrastructure, operational and waiver issue status
      - including Signal System Programming Changes
    - Notified FRA of intention to begin passenger service in March 2010
  - 1 Violation Issued
    - McNeil Merriltown island circuit not connected (1/13/10)
  - Weekly conference calls to National / Regional FRA staff to track progress toward the start of service



# Progress Since Last Update

- Federal Railroad Administration

FRA Waiver	Total Issues	Issues Complete	Issues Pending
	24	20	4

FRA New Start Requirements	Total Items	Items Completed by Capital Metro	Items Pending	% Complete by Capital Metro	Total Items Awaiting FRA Closure
	55	42	13	76%	20



# Progress Since Last Update

- Operator Transition
  - Herzog Staffing
    - Transitioned / hired all staff positions (12/30/09)
      - with exception of Signal Supervisor & Safety/Training Supervisor (filled by senior Herzog staff on interim basis)
  - Rail Infrastructure Assessment
    - Herzog completed comprehensive assessment of rail system (12/30/09)
    - Identified Rail, Bridge, Signal and Crossing improvements required
    - Mobilizing additional track and bridge crews for 3 month period to complete improvements (in addition to permanent track and bridge crews)
    - Initiated FRA required annual inspections (1/4/10)



# Progress Since Last Update

- Hazard Analysis / Risk Assessment Improvements
  - Programming modifications
    - Initiated field download of modified programs, testing, validation (1/4/10)
  - Station Pedestrian Improvements
    - Will be complete once TxDOT grants variance for Downtown station bollards

HAZARD ANALYSIS ISSUE TYPE	# ISSUES	# COMPLETE	# REMAINING
Programming	9	1	8
Process Modification	8	6	2
Construction	3	0	3



# Progress Since Last Update

- Communication System improvements
  - Radio System Installation
    - Radio system poles to be installed this month
    - System completion scheduled for 1<sup>st</sup> Quarter 2010
  
- Intelligent Transit System (ITS)
  - GPS enabled train location, dynamic messaging, automatic passenger counting system
  - Equipment installation on Train initiated (1/4/10)

January 2010 Rail System	Commuter Rail Corridor (32 miles)				
Improvement Status	Total	Miles	Total Miles	Miles	%
Category	Miles	Improved	Improved	Remaining	Complete
		(to date)	(to date)		(to date)
Hazard Analysis Program Modification	32.24	9.63	9.63	22.61	30%
Signal and Crossing Calibration	32.24	22.09	22.09	10.15	69%
Track Rehabilitation	32.24	3	3	29.24	9%
Bridge Rehabilitation	#	Complete	Total Complete	# Bridges	%
	Bridges	to date	to date	Remaining	Complete
(Mobilized for Rattan Creek Bridge)	2	0	0	2	0%



# Activities Remaining

- Installation of Radio Communication System (primary)
  - Complete prior to start of passenger service
- Programming Changes Implementation, Validation
  - Complete by end of February 2010
- Complete Operating procedure modifications prior to start of service
  - Temporal Separation Plan
  - System Safety Program Plan
- Infrastructure improvements critical to beginning passenger service
  - Complete prior to start of passenger service
- Final Validation and testing of the modified system
- Trains run operating schedule beginning March 2010
  - 2 week period leading up to the start of passenger service

