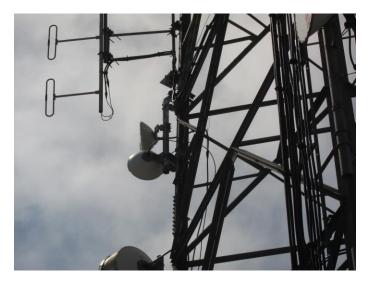# Radio System Replacement Project

Project Scope

- **Building Radio system for vehicles (non revenue and revenue) which including radio base stations, network system**

- **In addition, the new radio system will add state of the art digital Intelligent Transportation System (ITS) features that the current analog system can not provide.**

- **Building a brand new tunnel Distribute Antenna system (DAS)**

- **Geographic redundant systems providing backup capability in the event of a primary site failu**

Current Project Status

- At Fix end infrastructure

- Completed construction of all 4 Radio base stations

- Completed construction at all 9 maintenance yards

- Completed construction at all 2 central control and one power control facilities

- Completed radio cable construction at 9 subway stations, Metro tunnel and Sunset Tunnel.

Current Project Status

- At vehicle end
- Completed installation of 6 rubber tire buses, 2 cable cars, 2 non-revenue vehicles, and one LRV train
- Completed construction of all dispatching consoles at Transportation Management Center
- Conducted preliminary radio coverage and mini-fleet drive test

Project Schedule

Milestone	Current Approved Schedule	Status
Contract NTP	June 2012	Completed
Detailed design	July 2015	Completed
Baseline wayside construction	June 2015	Completed
Software and mini-fleet testing	May 2016	Incomplete
Vehicle installation: rubber tire (bus)	September 2016	
Vehicle installation: rail	December 2016	
Cutover and Contract Closeout	March 2017	

Thank you!

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