



Oakland Airport Connector North County Transportation Forum

October 20, 2011



OAC Technology Recap



Funded by: State, MTC, FTA, BART, PORT

ACTIA Measure B - \$89M

Replace AirBART with:

- Automated People Mover (APM)
- Exclusive 3.1 mile guideway, 99.5% reliable
- Seamless ticketing
- 4 – 3 car trains (expandable to 4 car trains)
- Comfortably carry 3.2 Million Annual Passengers (MAP), Expandable to 4.9 MAP
- Trains arrive every 4 min 35 sec (headways)
- 8 min 12 sec in vehicle travel time
- Bart platform to Airport Terminal door travel time 14 min 30 sec
- Accommodates future Doolittle Station



OAC Alignment



BART Oakland Airport Connector

3

Team & Technology



Prime	Flatiron/Parsons JV
Designer	Parsons Transp.
Constructor	Flatiron West Inc
Vehicle	Doppelmayr Cable Car
O&M	Doppelmayr Cable Car

One Proposal - Two Contracts

Design / Build Construction Contract (3 1/2 years)

- Includes all design and construction
- Installation of AGT system, testing and startup to revenue service

Operations and Maintenance (O&M) Contract (20 years)

- 20 years Operations & Maintenance
- 20 years of Capital Asset and Replacement Program (CARP) costs
- Must meet high availability (99.5%) requirements for full payment

4

Coliseum Station



BART Oakland Airport Connector

5

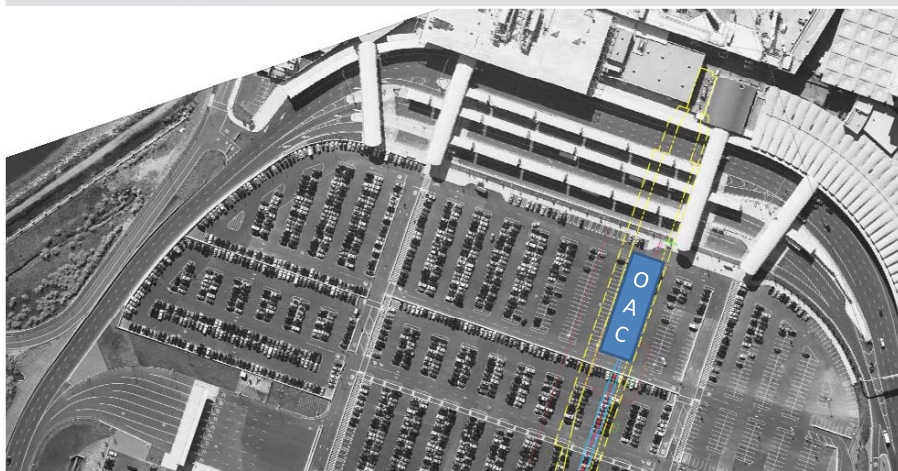
Coliseum Station



BART Oakland Airport Connector

6

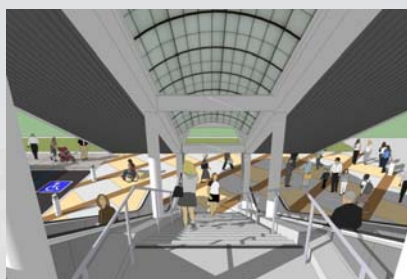
Oakland Airport Station



BART Oakland Airport Connector

7

Airport Station



BART Oakland Airport Connector

8

Airport Station



BART Oakland Airport Connector

9

Typical Column Design



BART Oakland Airport Connector

10

Construction Progress



BART Oakland Airport Connector

11

Schedule



Activity	Start	Estimated Finish
NTP - Final Design	November 2010	October 2011
Guideway Construction	June 2011	April 2013
Maintenance & Storage Facility	July 2011	August 2013
Coliseum Station Construction	September 2011	May 2013
Airport Station Construction	September 2011	May 2013
System Testing	July 2013	May 2014

Start of OAC Service

Spring 2014