

San José's Airport Area Automated Transit Network (ATN)



***San Jose City Council
June 22, 2010 (Item 6.2)***

What is ATN?

■ Automated Transit Network

- *Personal Rapid Transit (PRT)*
- *Pod Cars (Europe)*
- *Airport Transit Connector*

■ High Quality Passenger Service

- *Vehicles await passengers at off-line stations*
- *Non-Stop Service, 25 to 35+ mph running speeds*
- *Fully Grade Separated*

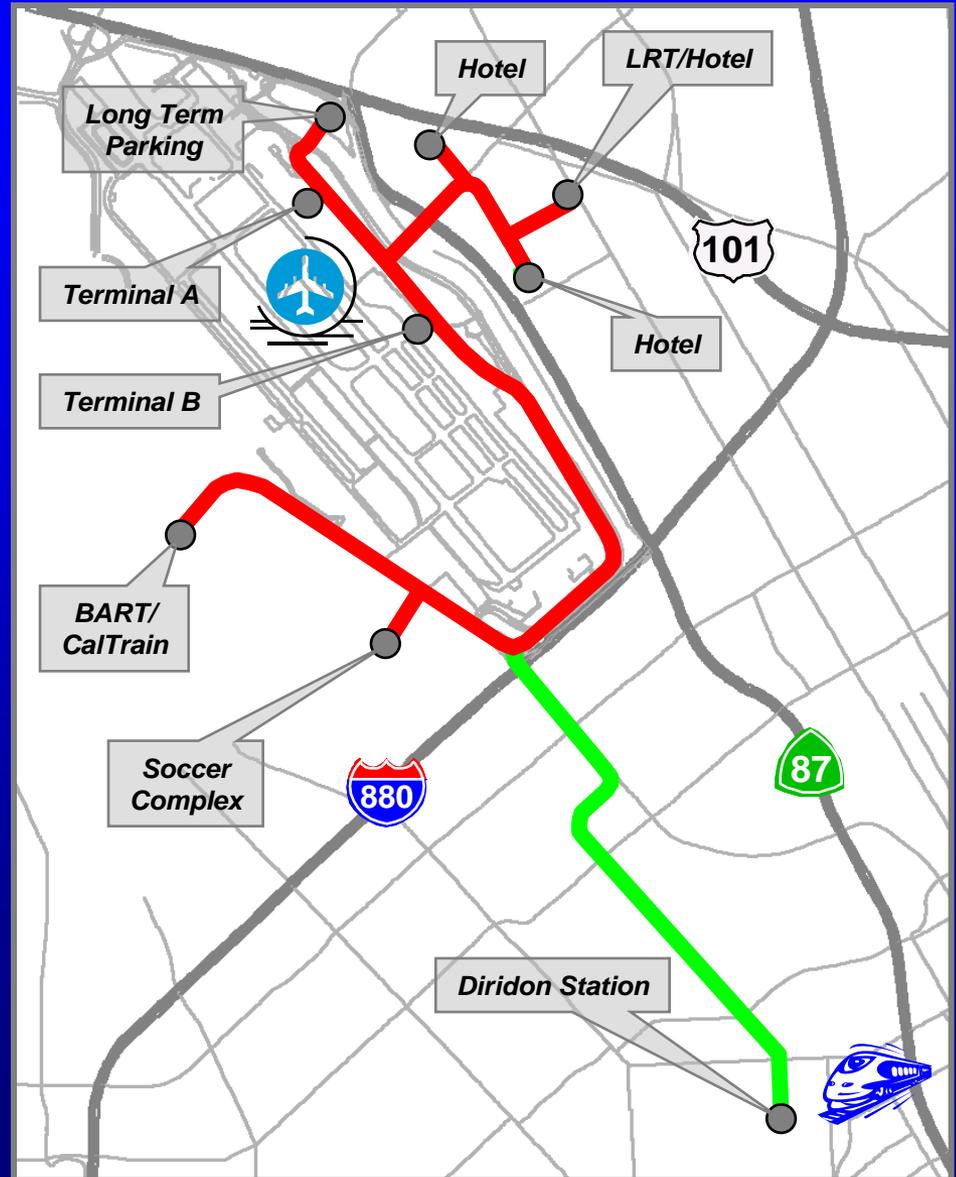
■ Low Cost, Lighter Weight

■ Current Projects

- *England, Abu Dhabi, Korea, Sweden*



San José ATN Project



ATN Routing Study

-  **Base Project**
-  **Diridon Extension**

Agreements

- **VTA (\$3.6 M)**
 - *Phase 1, Planning (\$1.8 M)*
 - *Phase 2, Design Contribution (\$1.8 M)*
- **Aerospace (FFRDC) – System Engineering (\$1.0 M)**
 - *System design, performance specifications*
 - *Hardware, software, vehicles, power, control system*
 - *Procurement options*
- **Arup, Transportation Planning (\$0.8 M)**
 - *Route, stations, cost, ridership, revenue*
 - *Business plan and financing options*
 - *Stakeholder and community outreach*



Objectives and Guiding Principles

■ *Phase 1 Objective*

- *Conduct rigorous analysis to ensure technical & financial feasibility of Project*

■ *Project Guiding Principles*

- *Support & advance Green Vision goals*
- *Support Envision 2040 General Plan update*
- *Enhance transit ridership on existing systems*
- *Facilitate generation of Green Tech jobs*
- *Result in no net negative impact on Airport*

Other Perspectives

- *Positive Media Attention*
- *Growing Interest*
 - *Santa Cruz, Mountain View, Milpitas, Pleasanton, Marin, Fresno*
 - *New York, Minnesota, New Jersey, Texas, Michigan*
 - *India, Brazil, Mexico*
- *San José Hosting International Podcar City Conference*
 - *October 27-29, 2010*
 - *Organized by: INIST (Sweden)*
 - *Co-Sponsored by: City & MTI/ SJSU*
- *Silicon Valley Industry Engagement*
 - *Silicon Valley Leadership Group*
 - *Joint Venture Silicon Valley*



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