

Tempe Streetcar

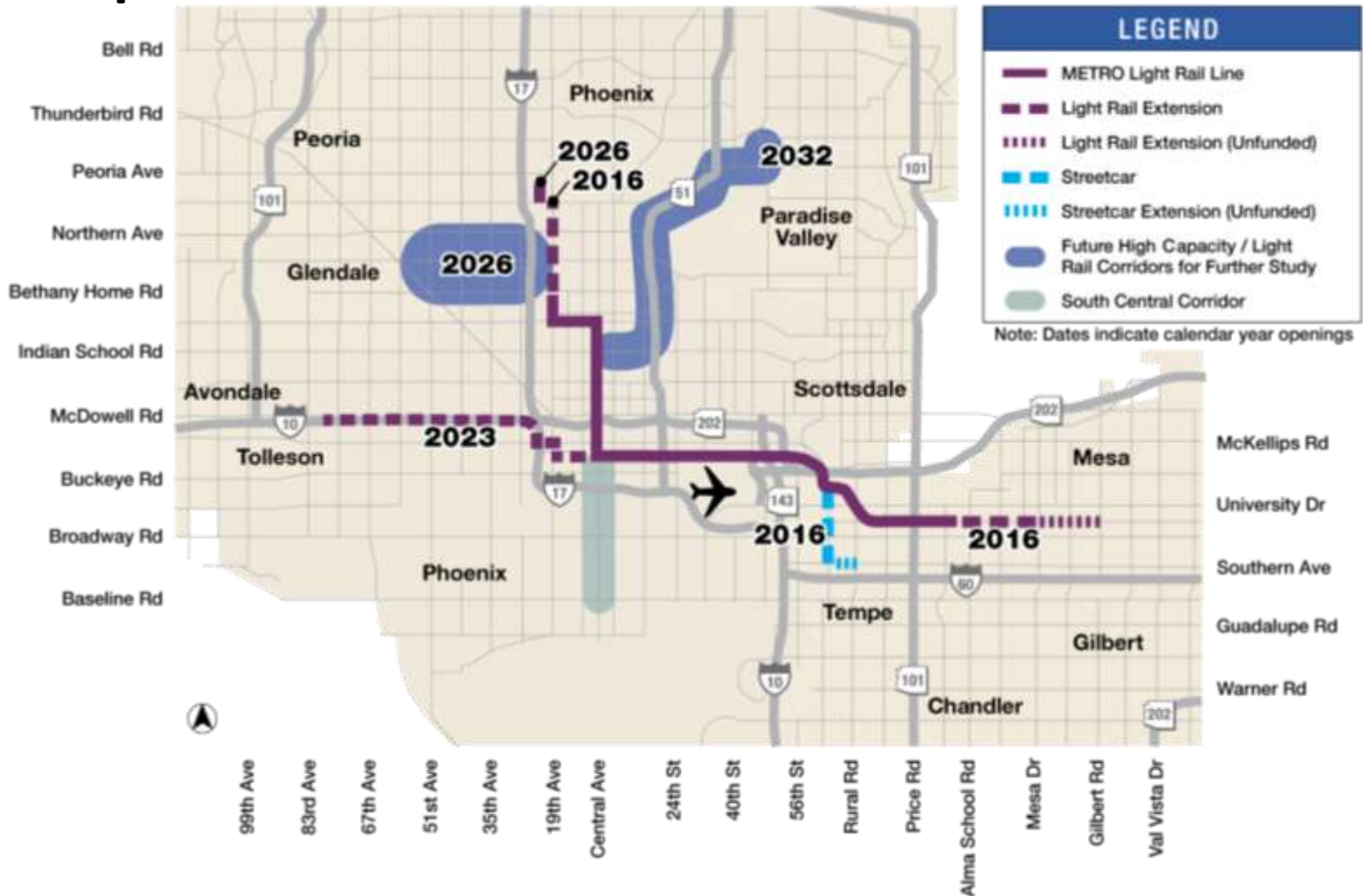
Benjamin Limmer, AICP
Planning Manager
Valley Metro
Phoenix, Arizona

Urban Circulators for Livable and Sustainable Communities: Part 2

RailVolution 2012
Los Angeles, California
October 15, 2012

Future Corridors

Tempe Streetcar



Planning & Environmental

Tempe Streetcar

2007 – 2010

Planning

- Project Initiation
- Purpose & Need
- Alternatives Analysis
- Downtown Alignment
- LPA Adoption

2011

Project Definition

- Project Definition
 - Station Locations
 - Street Configuration
 - Urban Design
 - Vehicle assessment
- Environmental Assessment
- TIGER III

2012

Funding &
Environmental

- TIGER IV
- Small Starts
- Environmental Assessment

Overview

Tempe Streetcar

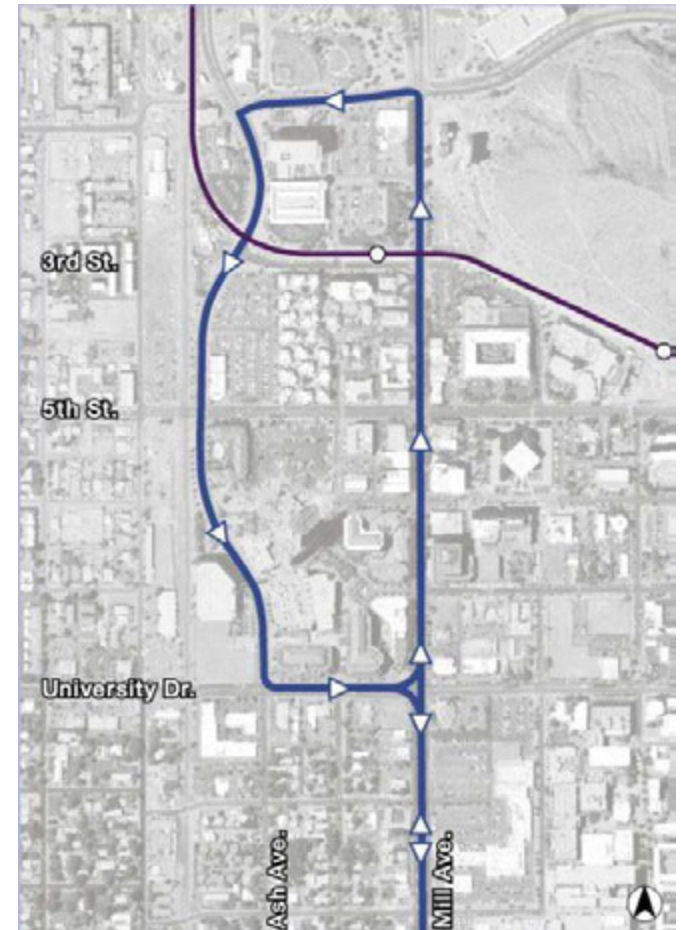
- 2.6-mile route
- 13 stops
- Opens in 2016
- Connects:
 - Downtown Tempe / ASU (N)
 - Residential areas (S)
- Future extensions on north and south ends



Downtown Alignment

Tempe Streetcar

- One-way loop
 - Defines downtown
 - Stimulates redevelopment
 - Avoids utility impacts
 - Reduces parking impacts
 - Offers operational flexibility for special events
 - Minimizes construction on Mill
 - Lowest cost



Project Definition

Tempe Streetcar

- Stop locations
- Street configuration
 - Location of track in street
 - Traffic lane configuration
 - On-street parking
 - Bike/pedestrian configuration
- Urban design guidelines
- Vehicle assessment



Project Financing

Tempe Streetcar

Funding Source	Total Rio Salado to Southern (2.6 mi)
Regional Sales Tax (PTF)	\$41M*
Federal Formula (CMAQ)	\$32M*
Small Starts	\$56M
Total	\$129M

* \$73 million currently committed in Regional Transportation Plan for the Tempe Streetcar project



Small Starts Summary of Ratings

Tempe Streetcar

Project Justification Evaluation Criteria	Expected Rating
Cost Effectiveness	Low
Land Use	TBD
Economic Development	Medium-High
Overall	TBD



Small Starts Ratings

Tempe Streetcar

FTA suggestions to improve overall rating:

- Cost effectiveness and economic development ratings not likely to change
- Update information on land use data
- Include additional information under “other factors”



Project Schedule

Tempe Streetcar





THANK YOU!

Benjamin Limmer, AICP
Planning Manager
Valley Metro
Phoenix, Arizona
(602) 322-4487
blimmer@valleymetro.org