

HIGH Intensity LRT Example: New Rail

Phoenix Metro Light Rail

METRO FACTS:

- Location:** Phoenix – Tempe – Mesa, AZ
- Length:** 20 miles – 32 stations
- Time to Construct:** 3.5 years
- Construction Cost:** \$1.4 billion total*
\$70 million per mile*
- Opened:** 2008
- Annual Operating Costs:** \$37 million
- Ridership:** 38,700 per day
- Fare:** One-way pass \$1.50
All-day pass \$3.50

*Construction Cost does not include Engineering or R.O.W.

The 20-mile light rail corridor serves Phoenix, Tempe, and Mesa with low-floor vehicles powered by overhead electrical lines. The vehicles operate in a two-way configuration in the center of city streets, or on the outside of the street in one-way couplets. The system required significant reconstruction of the city streets to incorporate the rail lines and stations.



Image Source: Arizona Passenger Rail Association

SUCCESS STORY

Since construction of the METRO Light Rail, \$4 billion has been spent on transit-oriented developments along the corridor.

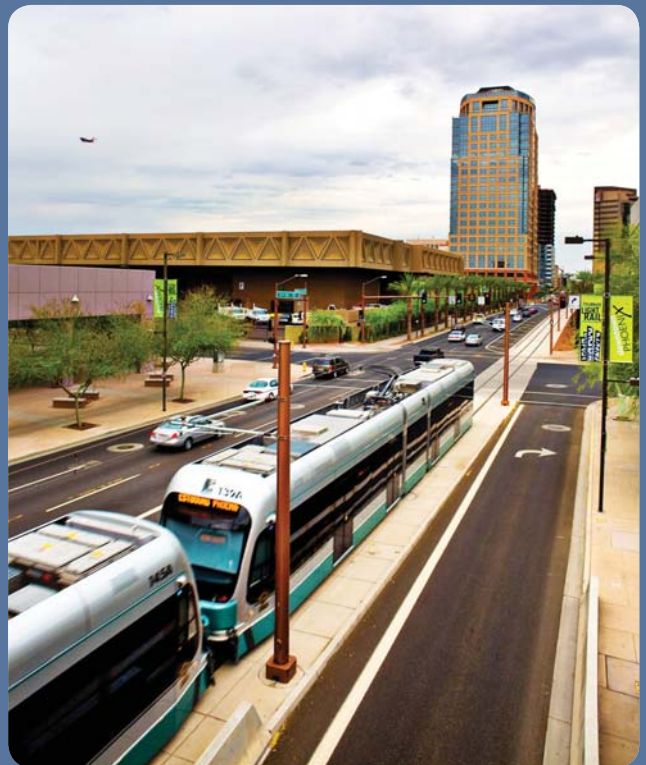


Image Source: Stantec Consulting Services, Inc.

METRO Light Rail

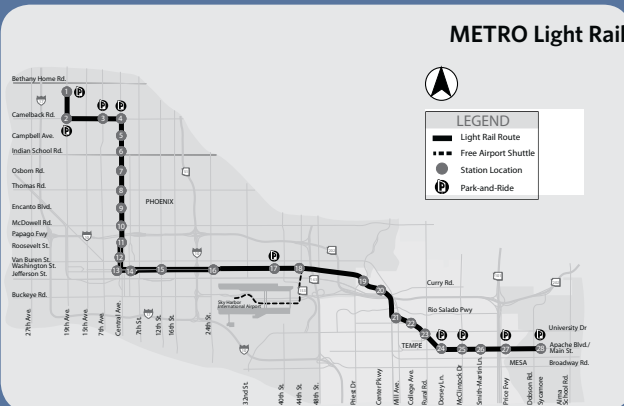


Image Source: Phoenix Valley Metro