

# Buy America: Rail Decision for Central Mesa Extension

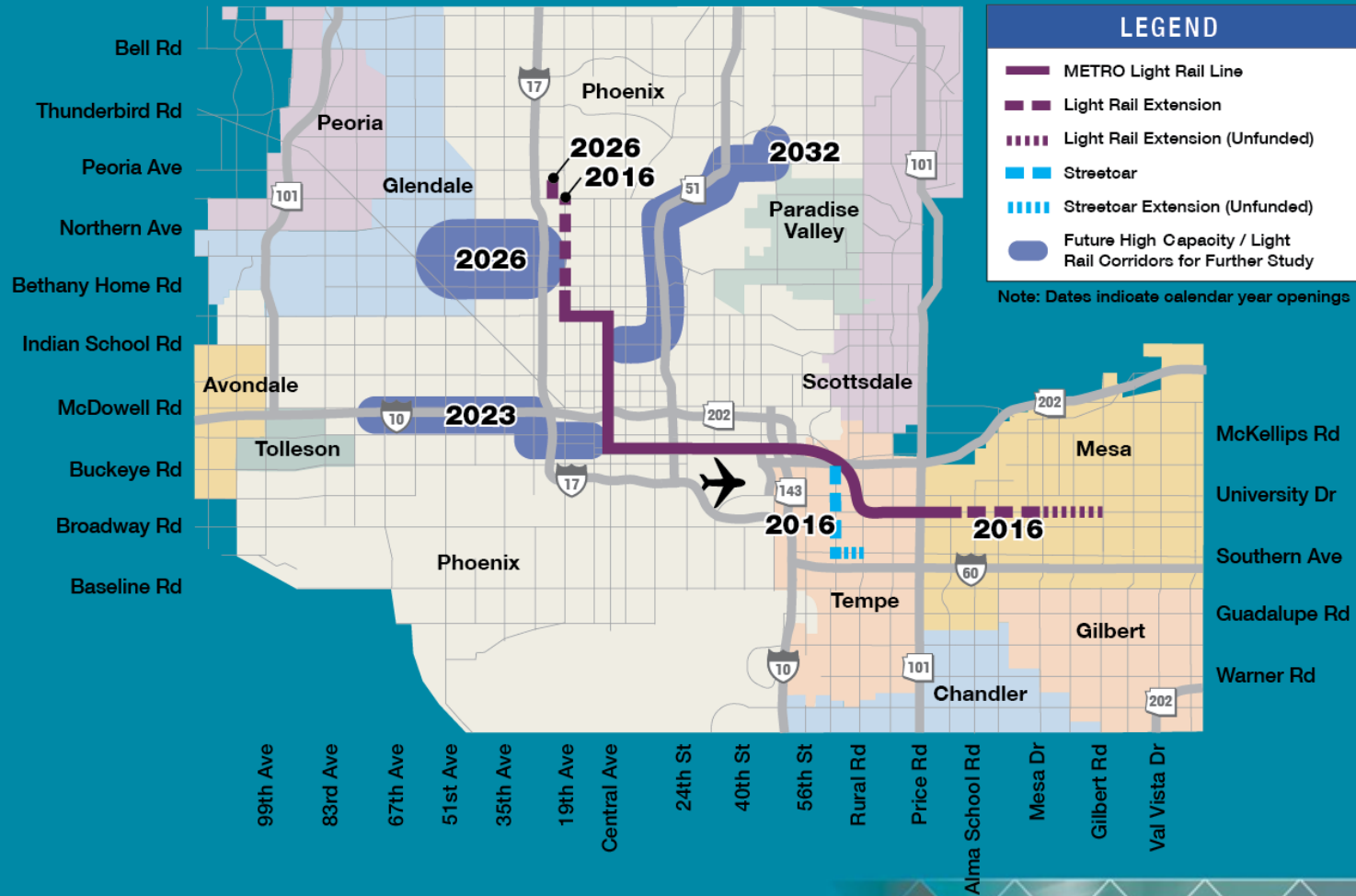
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*Phoenix, AZ*



**2012 RAIL CONFERENCE**



# METRO 57-Mile System



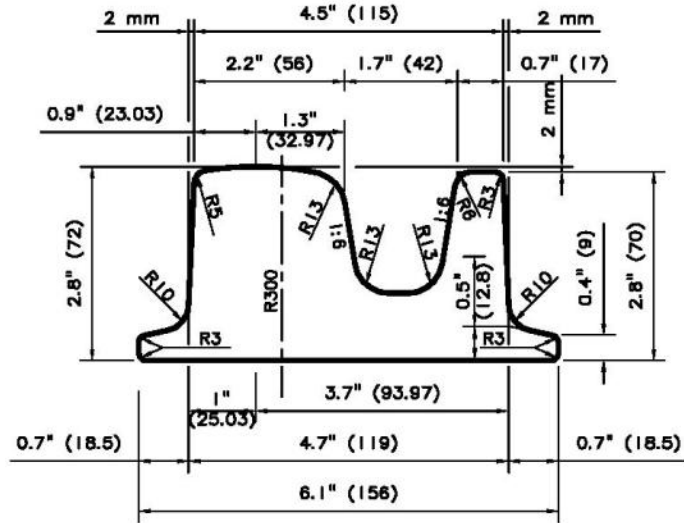
# Central Mesa Extension

- First system extension
- 3.1-miles into downtown Mesa
- In-street running
- Plaza-style



# Rail Options Evaluated

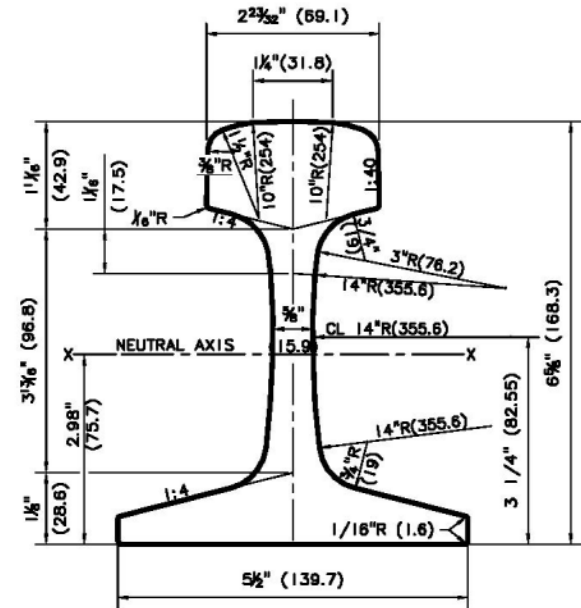
## Block Rail



112PDX  
SCALE: 3/8 SCALE



## T-Rail



115RE  
SCALE: 3/8 SCALE



# Block Rail

## Pros

- Provides a steel-formed flangeway
- 1-5/8" flangeway width
- Shallow depth
- Can be domestically produced

## Cons

- Uncertainty...
  - Installation
  - Pre-curved bending
  - Special trackwork
- Price



# T-Rail

## Pros

- Installation method
- Domestically produced
- Special trackwork

## Cons

- No formed flangeway
- Tight curves require restraining rail
- Compete with Class I railroads for availability



# Embedded T-Rail Examples

Portland



Salt Lake City



# Next Steps

## Future Challenges

- T-Rail selected for Central Mesa ext.
- System cohesion
- Other future extensions
  - Northwest Extension  
3.2 mi light rail  
2016
  - Tempe Streetcar  
2.6 mi modern streetcar  
2016





# Q & A

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