



Arizona Health
Sciences
Center

Helen St.

Warren Ave.

2nd St.

Main Gate
Square

University Blvd.

The University
of Arizona

4th Avenue
Business
District

5th St.

7th St.

9th St.

Downtown
Master
Plan Area

Downtown

Church Ave.
Stone Ave.
6th Ave.

Congress St.

Broadway Blvd.

Congress St.

Linda Ave.

Cushing St.

Avenida del
Convento

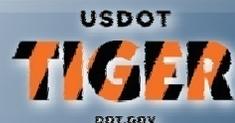
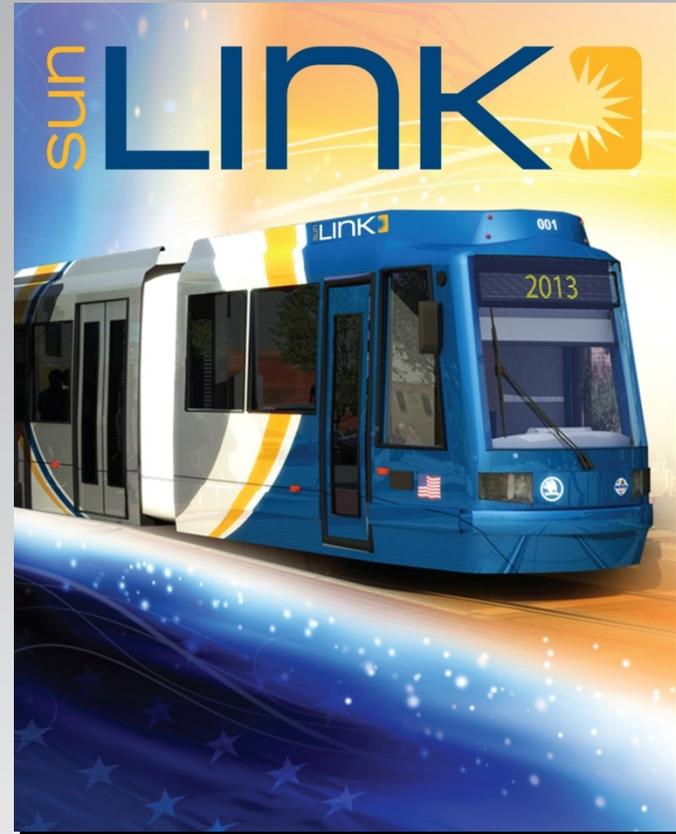
MAP LEGEND

- Modern Streetcar
- Streetcar Stop
- Maintenance & Storage Facility



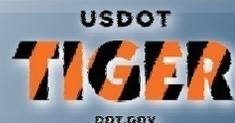
Project Details

- Alignment length: 3.9 miles
- 18 stops
- Maintenance Facility located south of 8th St
- 7 modern streetcars, including 1 spare
- Peak/off-peak headways: 10/20 minutes



Features of the Modern Streetcar

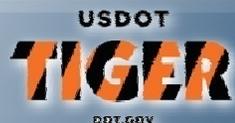
- Fixed-guideway electric rail system
- Operates in mixed traffic
- Articulated for tight radii turns
- Compatible with on-street parking
- Shares lanes and stops with buses and bicycles
- Safe in high pedestrian areas
- ADA accessible - low floor with multiple doors
- Transit station fare collection
- Approximately 180 passengers per vehicle at capacity



Streetcar Stops

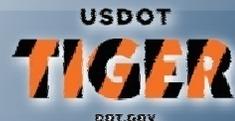
Modern Streetcar Stop Features

- Shade canopy
- Seating
- Real-time message board
- System Map
- Ticket vending machine
- ADA circulation and wheelchair area
- Public art/LED panels with changing poetry



Construction Overview

- Old Pueblo Trackworks selected as contractor
- 475 days of construction – complete summer 2013
- Multiple crews working multiple locations
- Underground utility work and overhead conductor system & track installation
- Maintain business and pedestrian access
- Olive and Highland underpasses will remain open, Warren underpass will be closed starting in June 2012 for construction
- Maintenance and Storage Facility, and Luis G. Gutierrez Bridge are concurrent projects also under construction
- Have worked closely with stakeholders along route to develop the phasing schedule



Construction Phasing

ARIZONA HEALTH
SCIENCES CENTER

UNIVERSITY OF ARIZONA

8th St. Drainage
Under Construction

Maintenance &
Storage Facility
Spring 2012

Luis G. Gutierrez
Bridge
Under Construction

LEGEND

- Modern Streetcar
- Stops
- ▲ Maintenance and Storage Facility

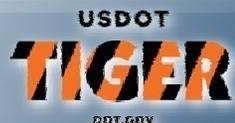
CONSTRUCTION PHASING

- Associated Project
- Phase 1
- Phase 1 Downtown Section
- Phase 2



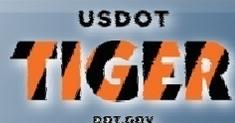
Environmental Mitigation

- **Noise and Vibration**
 - Improved flange bearings
 - Replace or upgrade windows of buildings at key locations
 - Resilient layer under track
- **Storm Water Pollution Prevention**
- **Historic and Cultural Properties and Parklands**
 - Project operates almost entirely in public right of way
 - Development of Historic Property Treatment Plan
 - Transit service helps historic areas by increasing people carrying capacity without adding auto trips



Archaeological Mitigation

- **Avoid adverse impacts to potential archaeological sites**
 - Archaeological pre-construction testing and data recovery
 - Archaeological monitoring of ground disturbing activities
 - Investigate any unanticipated discovery
 - Determine National Register eligibility of buildings of unlisted building of historic age
- **The most sensitive areas have been cleared of archaeological resources in advance of construction by the City of Tucson**



Supporting Businesses

- **Businesses along the route are open during construction!**
- **Pedestrian and business access maintained at all times**
- **Support local businesses along the route by eating and shopping when in the area**
- **Tell your friends**



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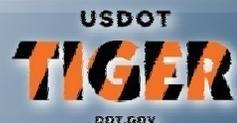


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520-624-5656



Thank You

For more information please visit or call:

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Project Info Line - (520) 624-5656



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