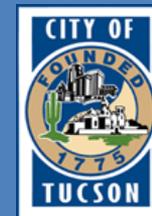


Downtown Links Corridor Project Tucson, Arizona

Border Green Infrastructure Forum
May 2015



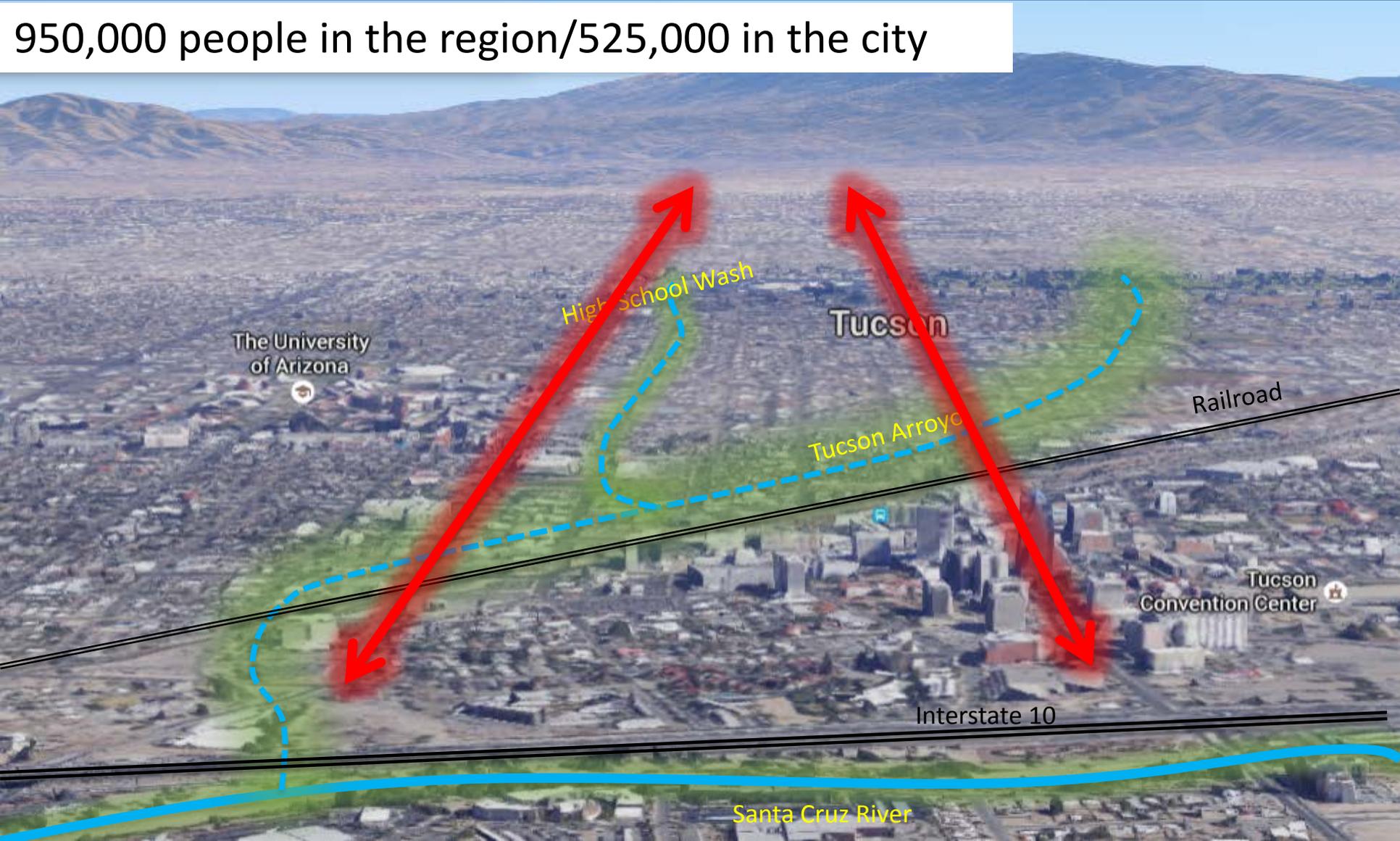
Downtown **L I N K S**



Tucson Valley

view looking east

950,000 people in the region/525,000 in the city



Downtown Tucson view looking west

Downtown is only
10 x 8 blocks

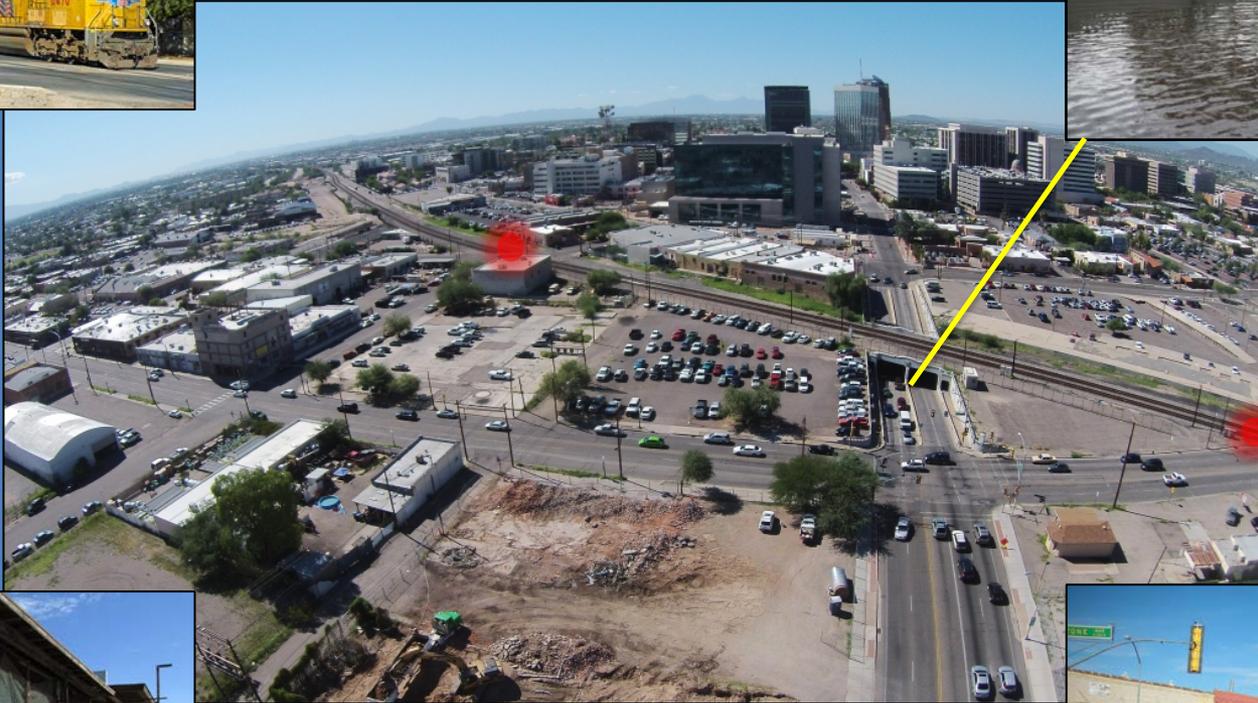


Challenges



45 trains each day
delays & fatalities

flooding &
emergencies



old industrial zone/
soil contamination

traffic circulation/
bike & ped safety



Project Goals

**1980s to 2000s: there a major shift in transportation planning
*not just about roads, but also creating livable communities***

Improve Multi-modal Capacity, Connectivity, and Safety

- roadway improvements, but no freeway design
- bike lanes and sidewalks
- rail crossing improvements for all modes

Improve the Drainage System to Reduce Flooding

- Tucson Arroyo, High School Wash, and others

Improve the Image of the Corridor

- native desert landscaping
- environmental clean-up of industrial properties
- sustainable design: reduce, re-use, recycle
- public art

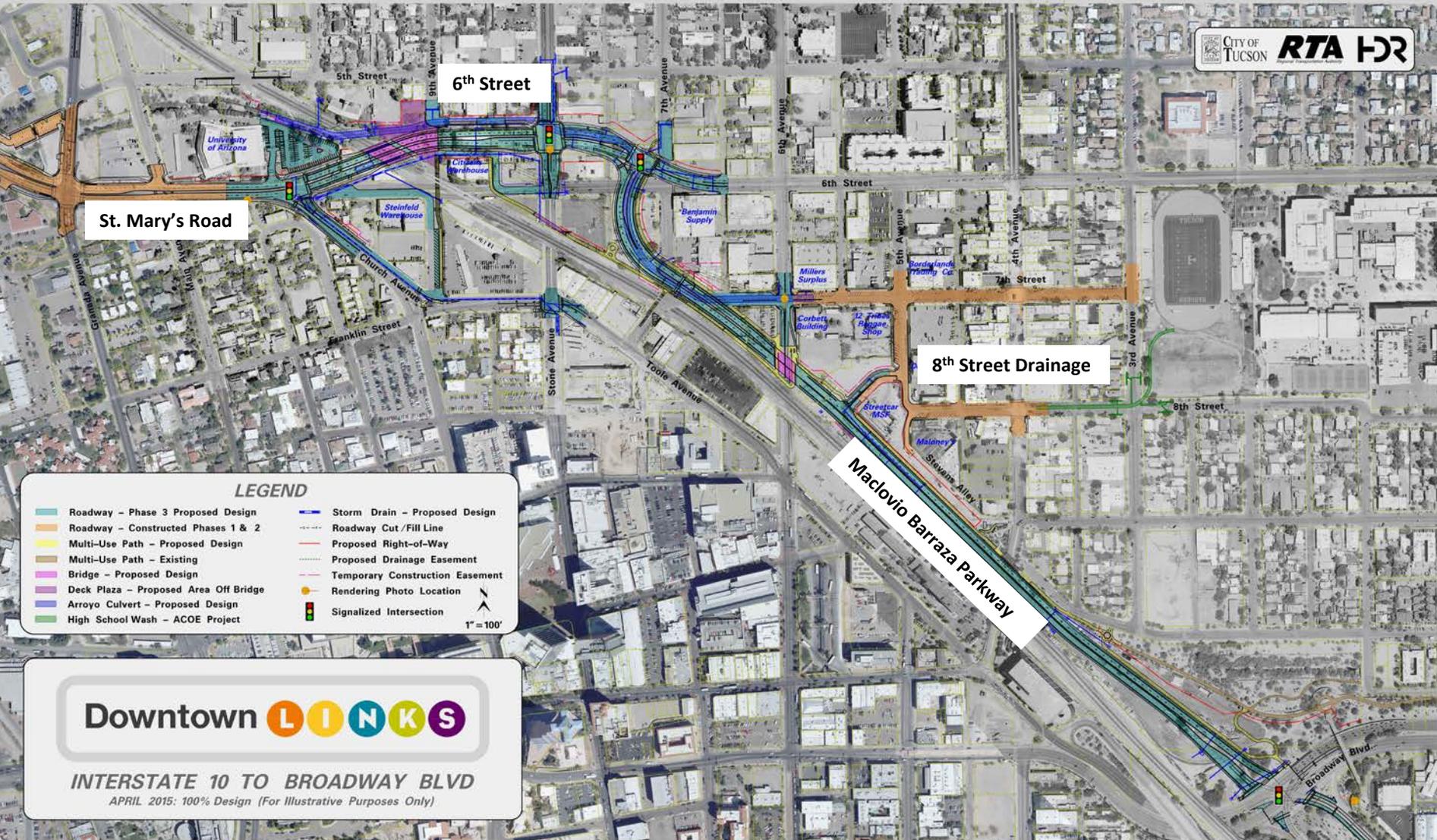
Encourage Good Land Use Redevelopment

- Historic preservation, revitalization, housing, shops



“Downtown Links” Corridor Alignment

2005- planning began. 2008- final alignment approved by Mayor and Council.



St. Mary's Road

6th Street

8th Street Drainage

Maclvo Barraza Parkway

LEGEND

- Roadway - Phase 3 Proposed Design
- Roadway - Constructed Phases 1 & 2
- Multi-Use Path - Proposed Design
- Multi-Use Path - Existing
- Bridge - Proposed Design
- Deck Plaza - Proposed Area Off Bridge
- Arroyo Culvert - Proposed Design
- High School Wash - ACOE Project
- Storm Drain - Proposed Design
- Roadway Cut / Fill Line
- Proposed Right-of-Way
- Proposed Drainage Easement
- Temporary Construction Easement
- Rendering Photo Location
- ◻ Signalized Intersection

1" = 100'

Downtown **L I N K S**

INTERSTATE 10 TO BROADWAY BLVD

APRIL 2015: 100% Design (For Illustrative Purposes Only)

Scope and Budget

Scope for Design: (HDR Inc., and consultant team)

The project is in the 20-year Regional Transportation Authority (RTA) plan approved by voters in 2006. A 1.3 mile long multi-modal roadway corridor linking I-10 and Broadway.

- New roadway corridor with 4 vehicle lanes, bike lanes, sidewalks, separated bike path
- Drainage improvements: new Tucson Arroyo culvert
- 6th Street Underpass at the Union Pacific Railroad
- Rail-crossing improvements to establish a federal Quiet Zone
- 9th Avenue Deck Plaza with public space, landscaping, public art
- Native desert landscaping and passive water harvesting
- Public art – 6 total artists for corridor

Budget: \$84.6M

- \$76.1M RTA funds
- \$8.5M HURF funds



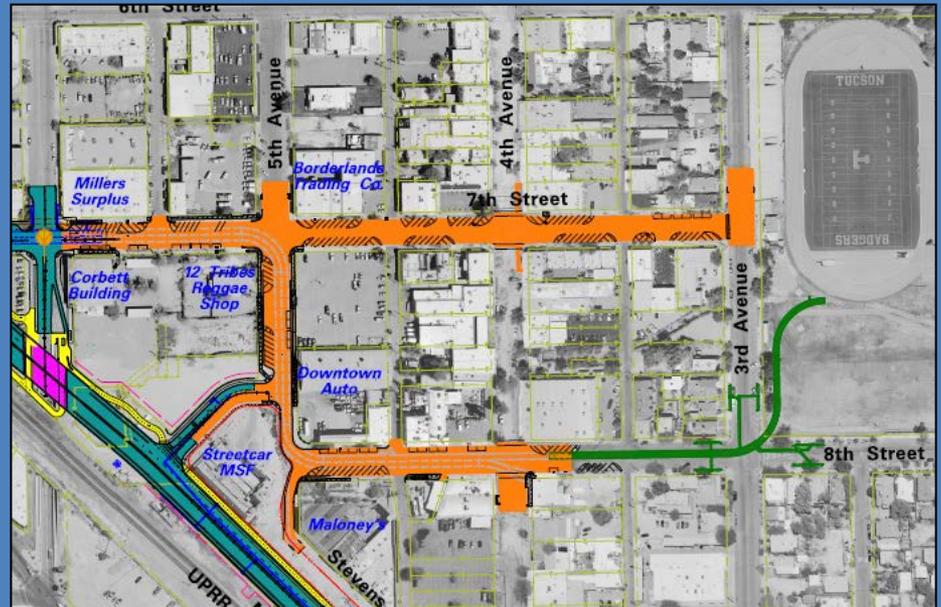
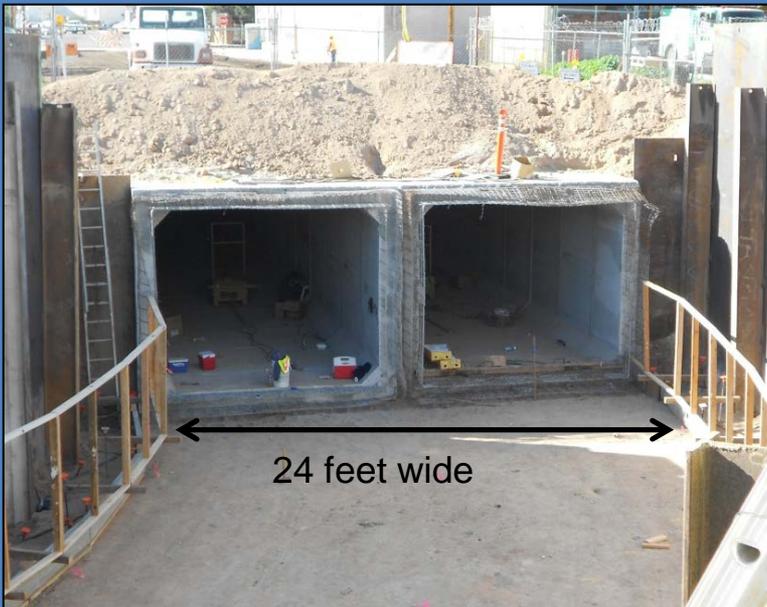
FEMA Floodplain

Current



Phase I: 8th Street Drainage

Completed in May 2012



Phase II: St. Mary's Road

Completed in May 2014

- Re-use of concrete
- Re-use of asphalt
- Sonoran plants
- Water-harvesting
- LED lighting
- Protected bike lanes



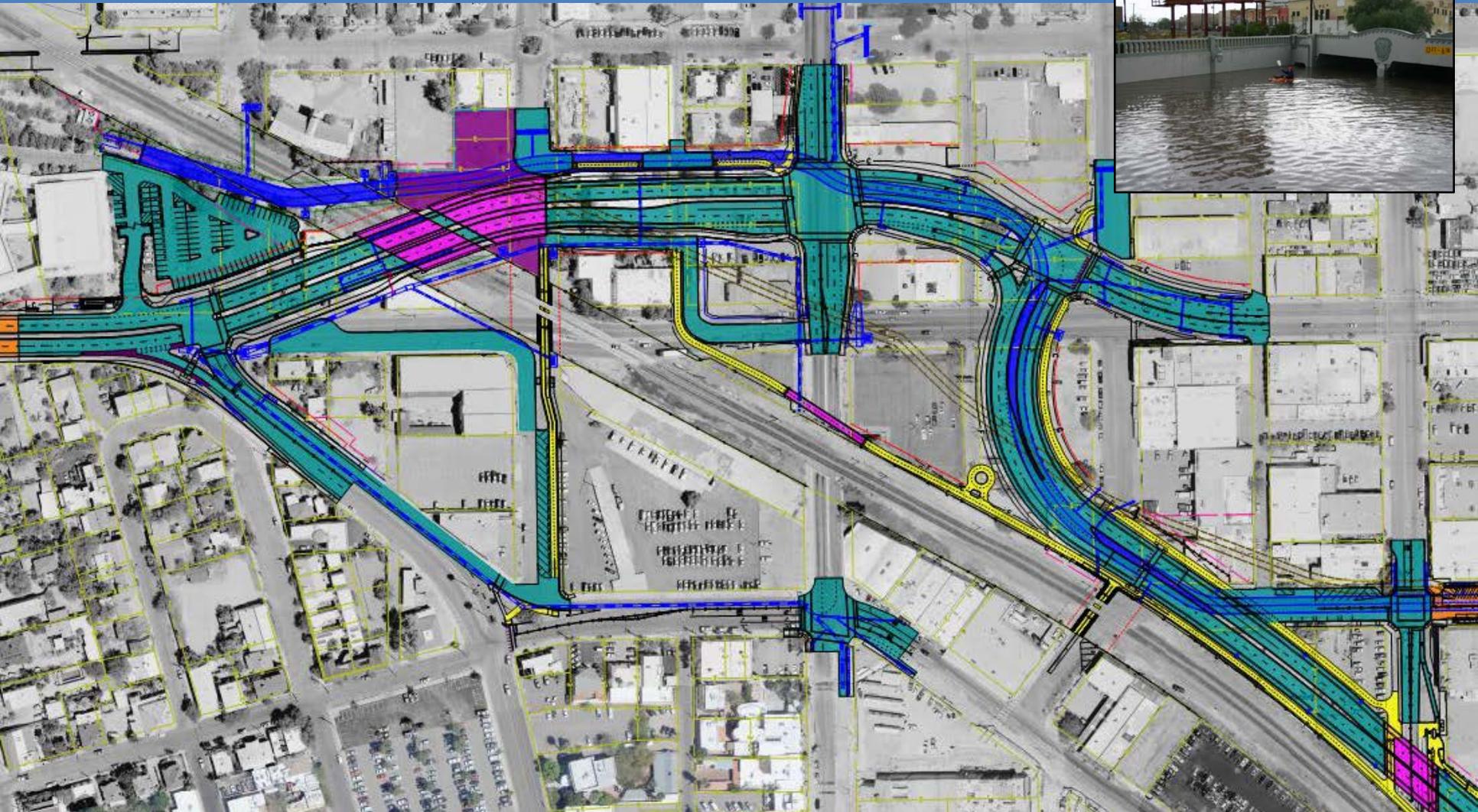
Phase II: St. Mary's Road

Completed in May 2014



Phase III: Church Ave. to Broadway

Drainage, Connectivity, Reduce Congestion, Lighting, etc...



Phase III: Church Ave. to Broadway

Demolition, Reuse and Recycle



6th Street Underpass

Looking east from Church Ave. intersection



Rendering for illustrative purposes only



9th Avenue Deck Plaza

Looking west from future 6th Street Underpass



Rendering for illustrative purposes only

9th Avenue Deck Plaza



Rendering for illustrative purposes only

Stone Ave. Bike/Ped Bridge

Looking south from future 6th Street intersection



Rendering for illustrative purposes only

Maclovio Barraza Parkway Bridge

Looking south along 6th Avenue



Rendering for illustrative purposes only

Future Maclovio Barraza Parkway

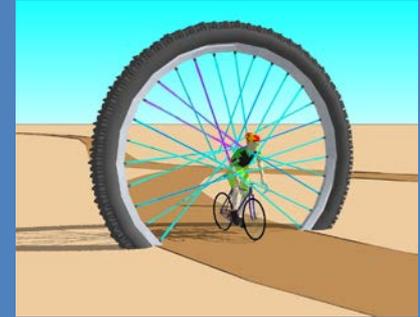
Looking northwest from Broadway



Rendering for illustrative purposes only

Next Steps

- **Phase III Design**
 - Finalize 100% Plans in June 2015
 - Work with artists to finalize project art
- **Property Acquisitions**
 - Complete acquisitions and demolitions in 2015
- **Utility Relocations**
 - Private Utility (power, phone/com, other...)
 - Tucson Water
 - Pima County Sewer
- **Phase III Construction**
 - Begin mid 2016 and finish late 2018



More Information

Downtown Links Website

www.downtownlinks.info

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