COLORADO
Department of Transportation

Grand Avenue Bridge

RFTA Board Meeting, January 4, 2016

COLORADO Department of Transportation
Statewide Bridge Enterprise

CONTRACTOR: GRANITE

Grand Avenue Bridge

AGENDA

- Project Overview
- Project Phasing
- Transportation Options during the Detour (Fall 2017)
- Public Information Management
- Upcoming Meetings

Grand Avenue Bridge

Project Overview

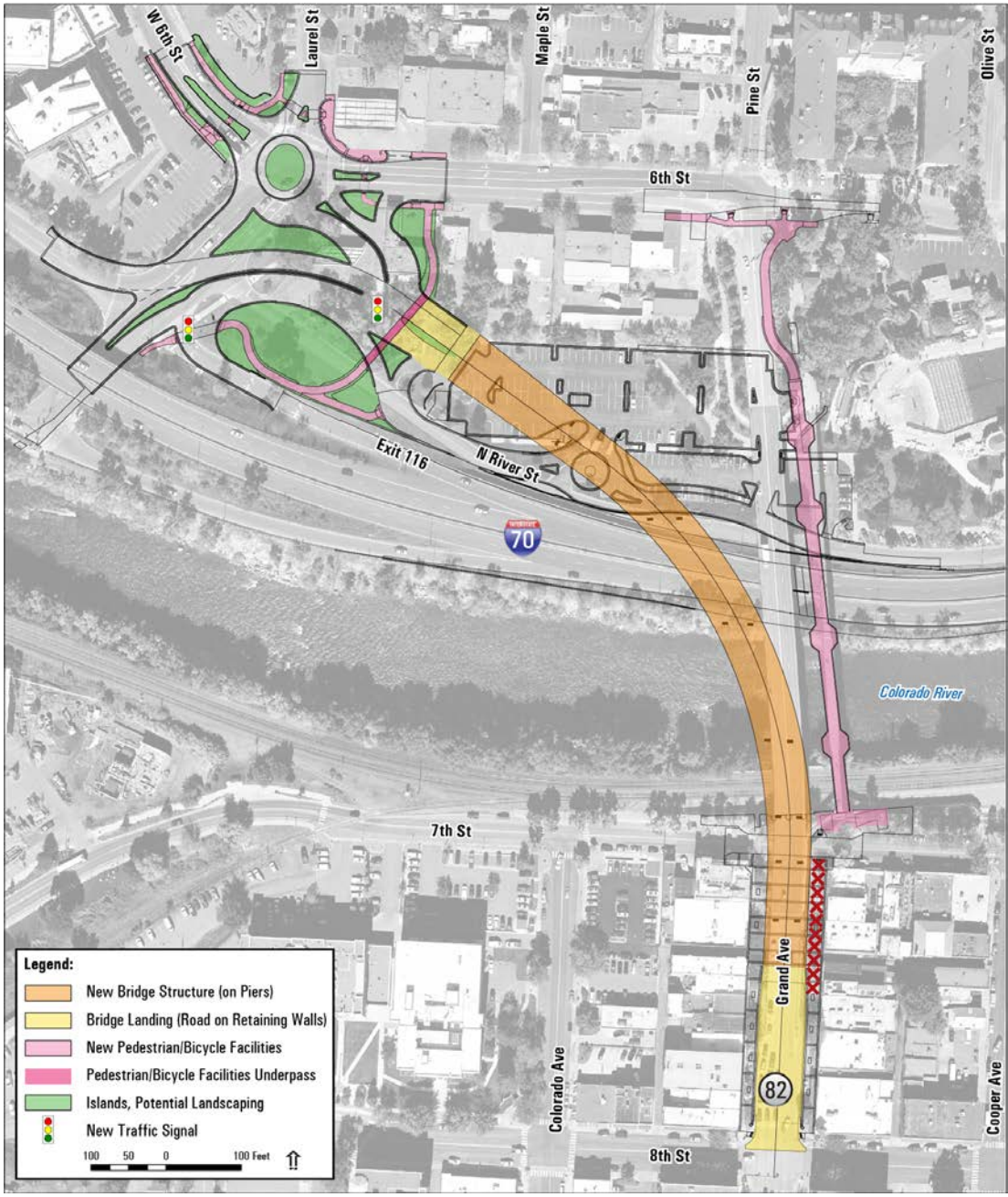
Purpose: *To provide a safe, secure, and effective connection from downtown Glenwood Springs across the Colorado River and I-70 to the historic Glenwood Hot Springs area.*

Need: Bridge is functionally and structurally obsolete

- Piers supported by shallow spread footings susceptible to scour and erosion
- Load carrying capacity 55% of current standards
- Condition of bridge is showing signs of deterioration
- Narrow Lane Widths
- Substandard vertical and horizontal clearances

Funding: Statewide Bridge Enterprise Program

- FASTER Funding (vehicle registration)
- Other CDOT Funding Programs
- City Funding
- Other Local Funding

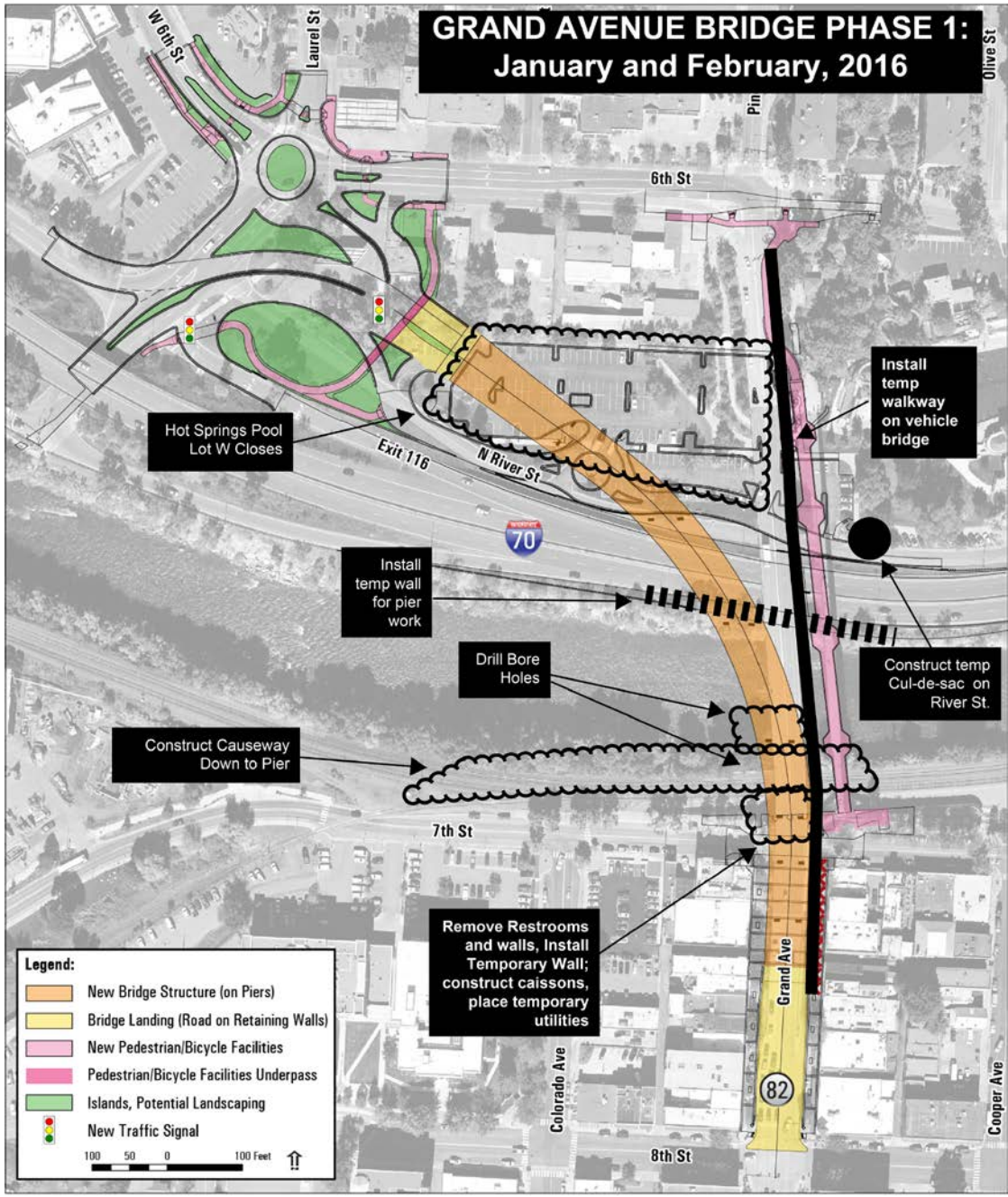


Project Phasing

30-Month Project: JAN, 2016 – MAY, 2018

- Phase 1: January & February, 2016
- Phase 2: March – December, 2016
- Phase 3: January – August, 2017
- Phase 4: August – December, 2017
  (Detour in Operation)
- Phase 5: January – May, 2018

Grand Avenue Bridge



COLORADO Department of Transportation

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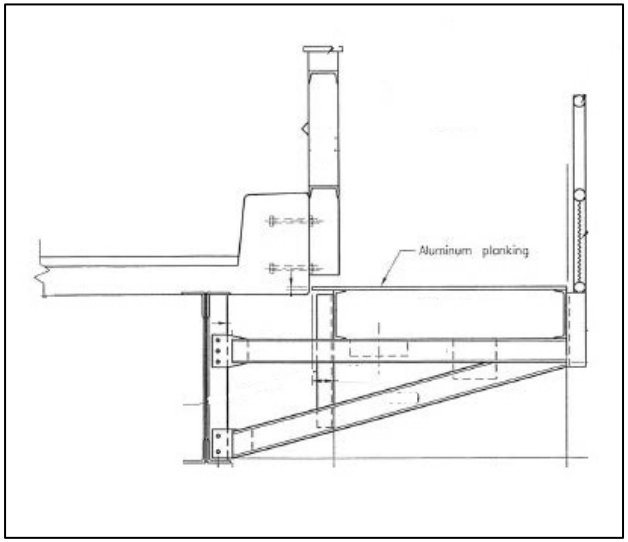
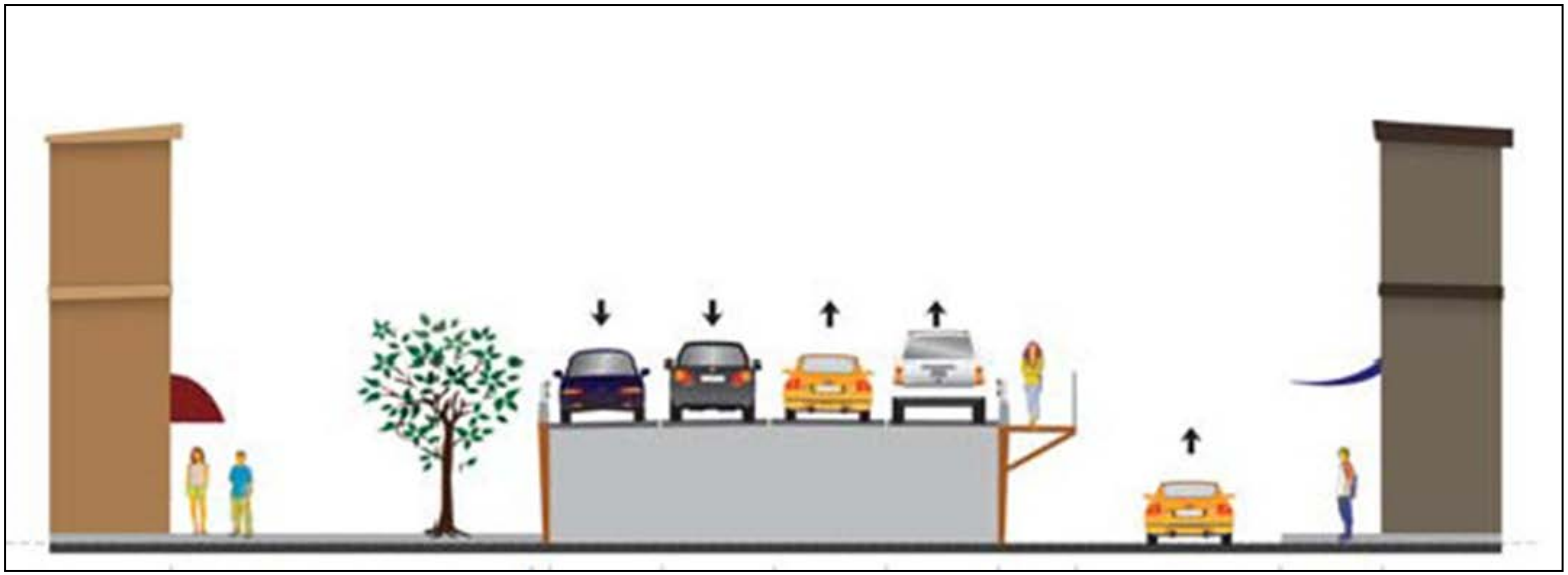
Causeways:

- Provide access and work area for bridge pier construction
- Made using clean, angular rock that will be removed when the project is complete

Grand Avenue Bridge

Temporary Pedestrian Walkway





Grand Avenue Bridge

Traffic Impacts on Seventh Street – Phase 1

- Pedestrian access will remain in its current configuration in the hot springs area
- Access between downtown and hot springs on existing Pedestrian Bridge
- The sidewalk along the north side of Seventh Street under the bridge will be closed.
- The parking along the north side of Seventh Street will be closed between Colorado and Cooper.
- **7th Street will be open for eastbound traffic only between Colorado and Cooper.**

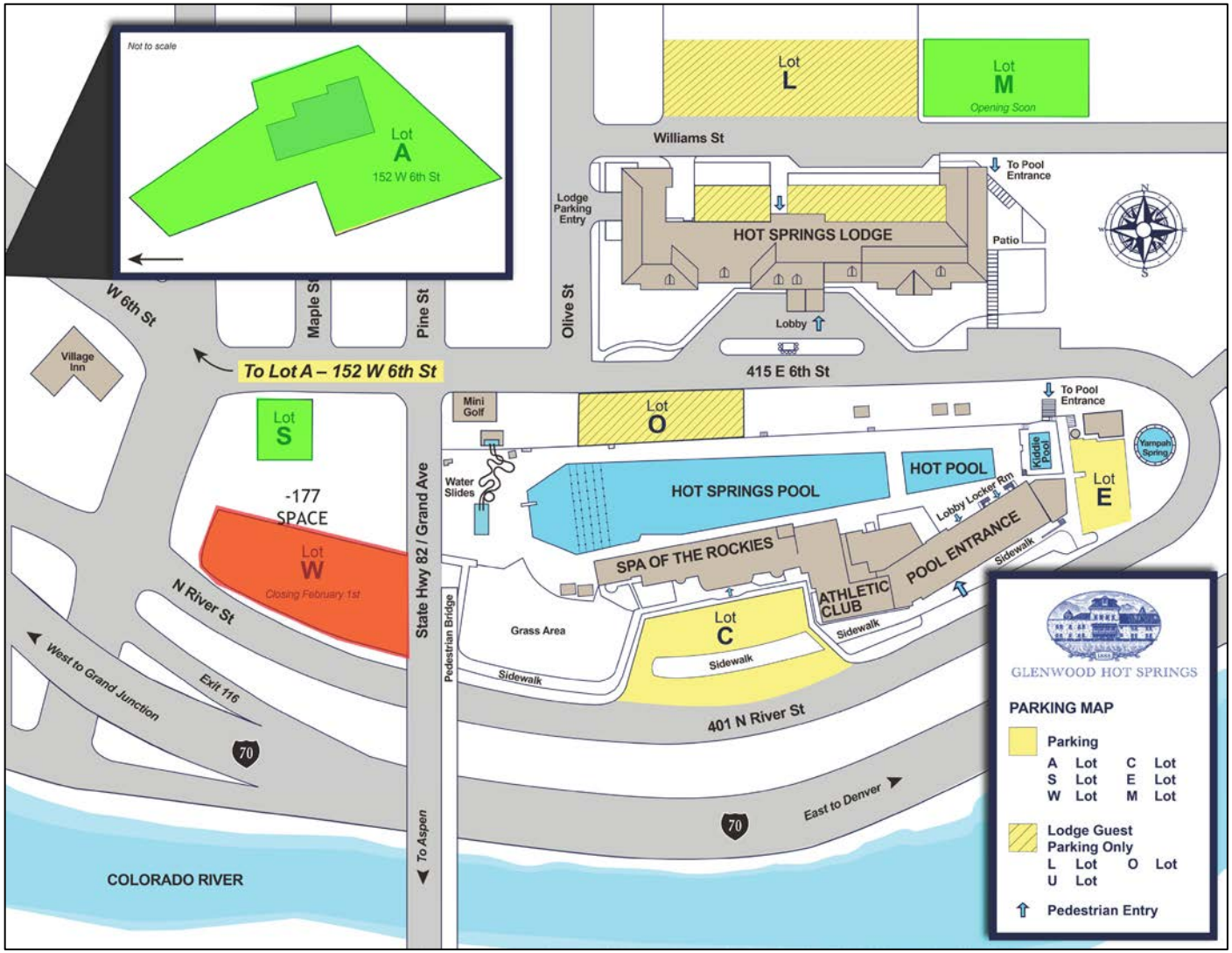
Traffic Impacts On River Street – Phase 1

- River Street Closed between I-70 and West End of Hot Springs Pool
- **Lot W Closed at Hot Springs Pool**

Grand Avenue Bridge

Hot Springs Parking

- Lot W = -177 Spaces
- Lots A, M & S = +230 Spaces
  + 53 Spaces



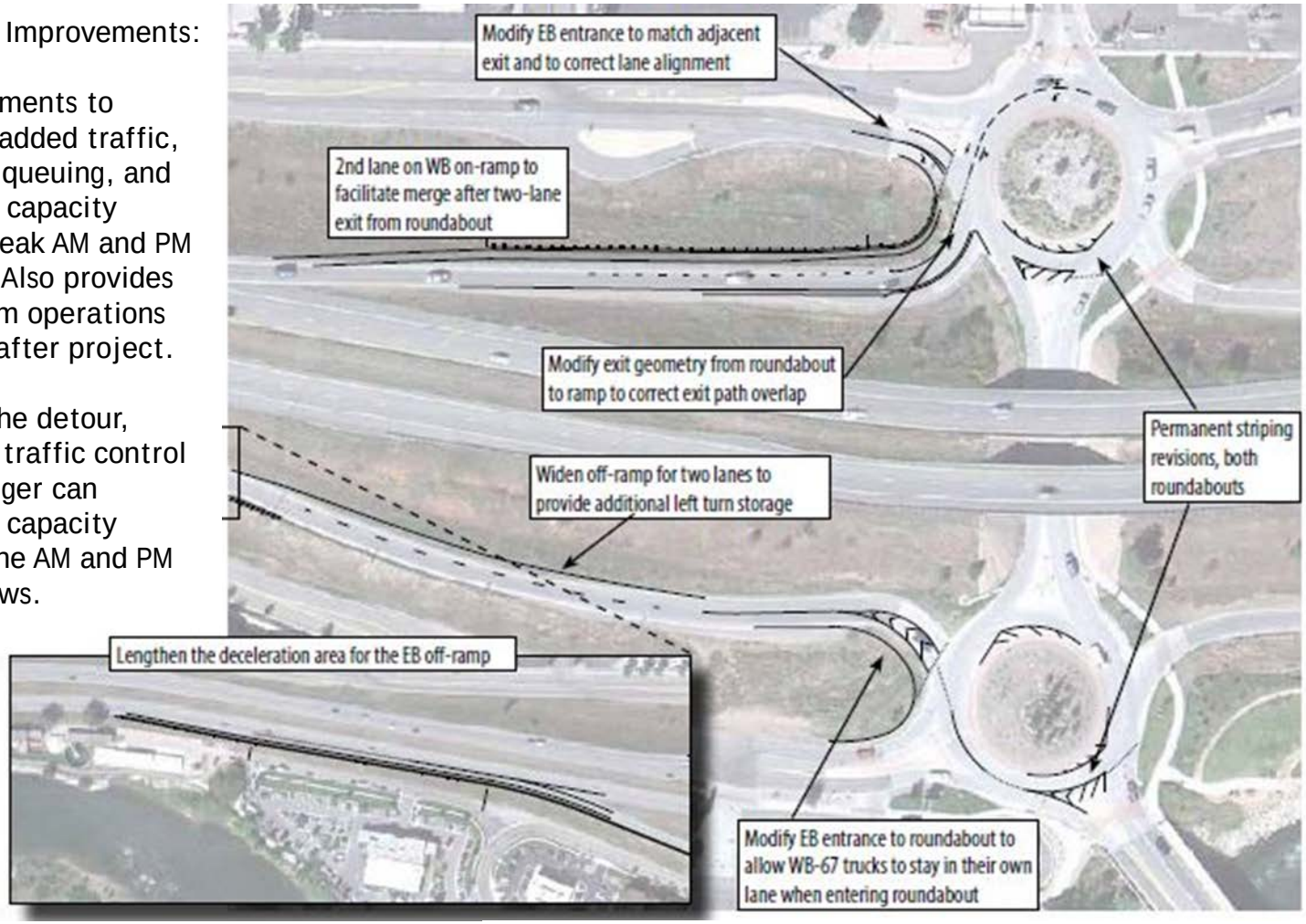
Overall SH 82 Detour Route

Detour Improvements, Exit 114

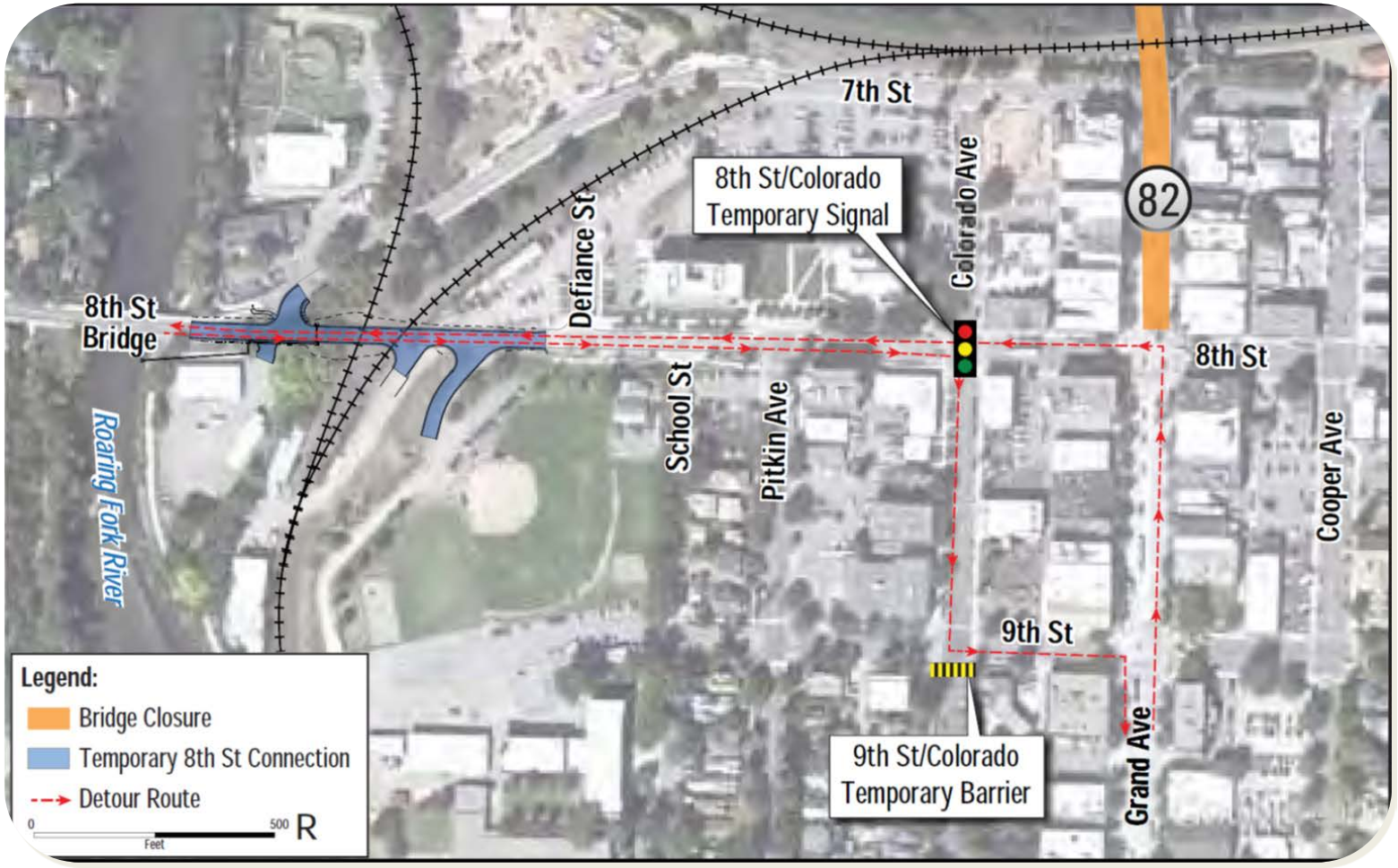
Exit 114 Improvements:

Improvements to process added traffic, manage queuing, and improve capacity during peak AM and PM traffic. Also provides long term operations benefit after project.

During the detour, uniform traffic control or a flagger can improve capacity during the AM and PM peak flows.

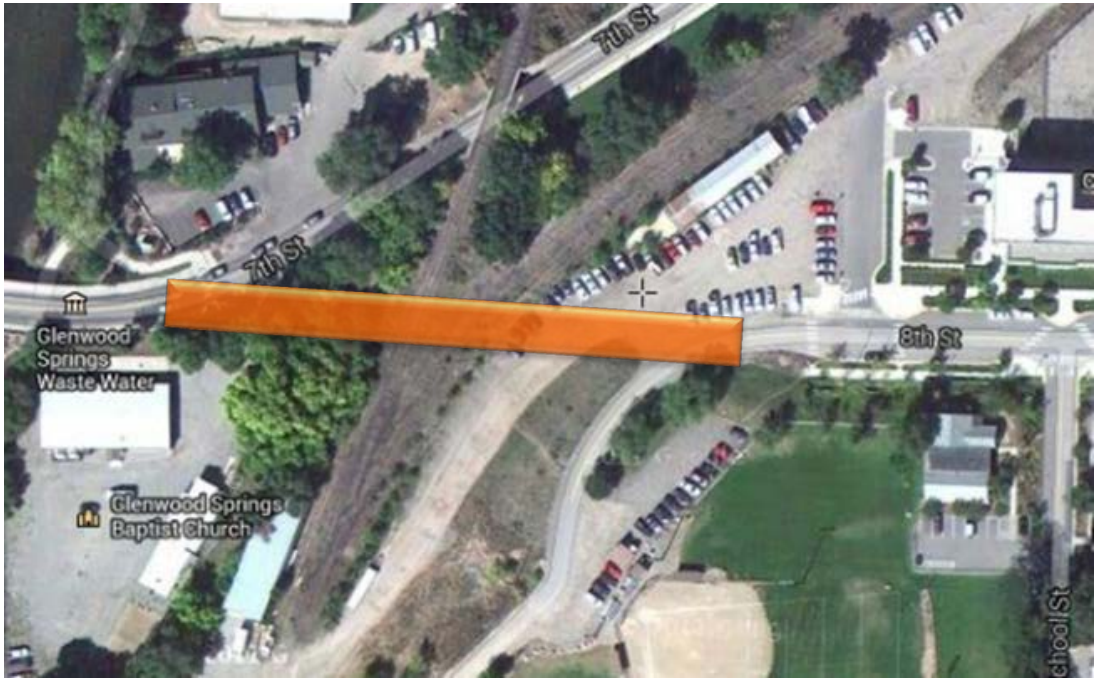


Detour Route Through Downtown



8th Street Detour Status

- Work on 8th Street is scheduled for June – August 2017
- The work will place a temporary cut through the Wye, removing the tracks and placing a 2-lane road making the connection
- If the City doesn't take on the project, CDOT is required to take the connection out
- To make the connection permanent, the City reconstruct and finish the work by making the cut deeper and putting the tracks back over the cut
- CDOT, the City and the railroad have been meeting regularly to discuss making the connection permanent
- There has also been discussions about moving the construction of the connection up to this year to mitigate traffic congestion anticipated along 7th Street due to bridge construction.



Project Status: I-70 Night Detour

- Will occur approximately ten nights between 8:30 p.m. and 5:30 a.m. for safety-critical overhead work.
- I-70 traffic would be rerouted onto 6th Street through temporary break in I-70 barrier near Yampah Vapor Caves.
- On east end of detour, both travel directions would be located on north side of I-70.
- Eastbound traffic would cross back over to I-70 eastbound lanes just west of No-Name tunnel.

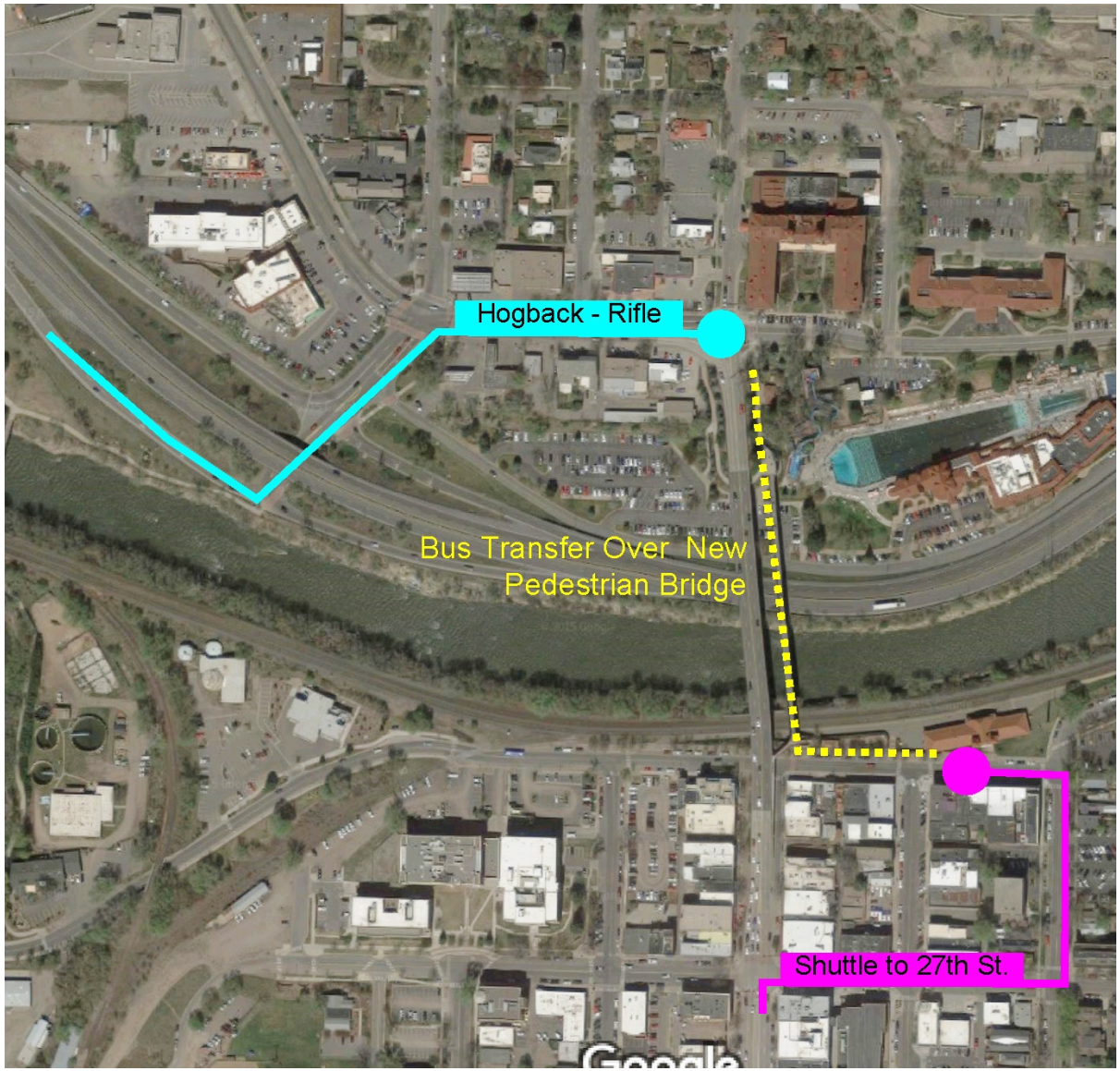
Grand Avenue Bridge

TRANSPORTATION OPTION DURING THE DETOUR (FALL 2017)

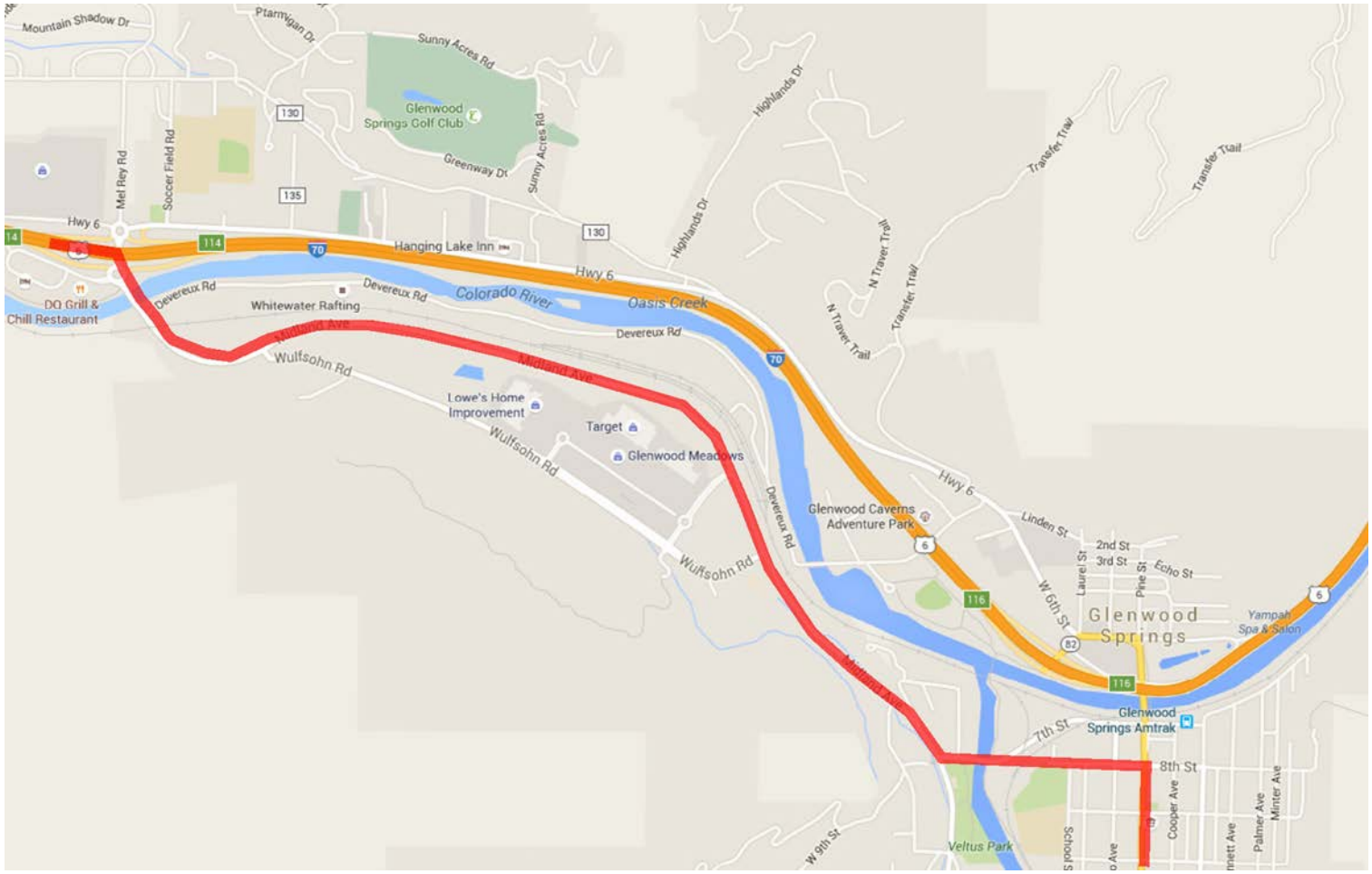
- Shuttle from 27th Street to 7th Street near Pedestrian Bridge
- 12 minute Headways During Peak Travel Periods
- 6 – 9am and 3 – 7pm
- 15-minute Headways 9am – 3pm

ROUTE CONNECTIONS – HOGBACK - RIFLE

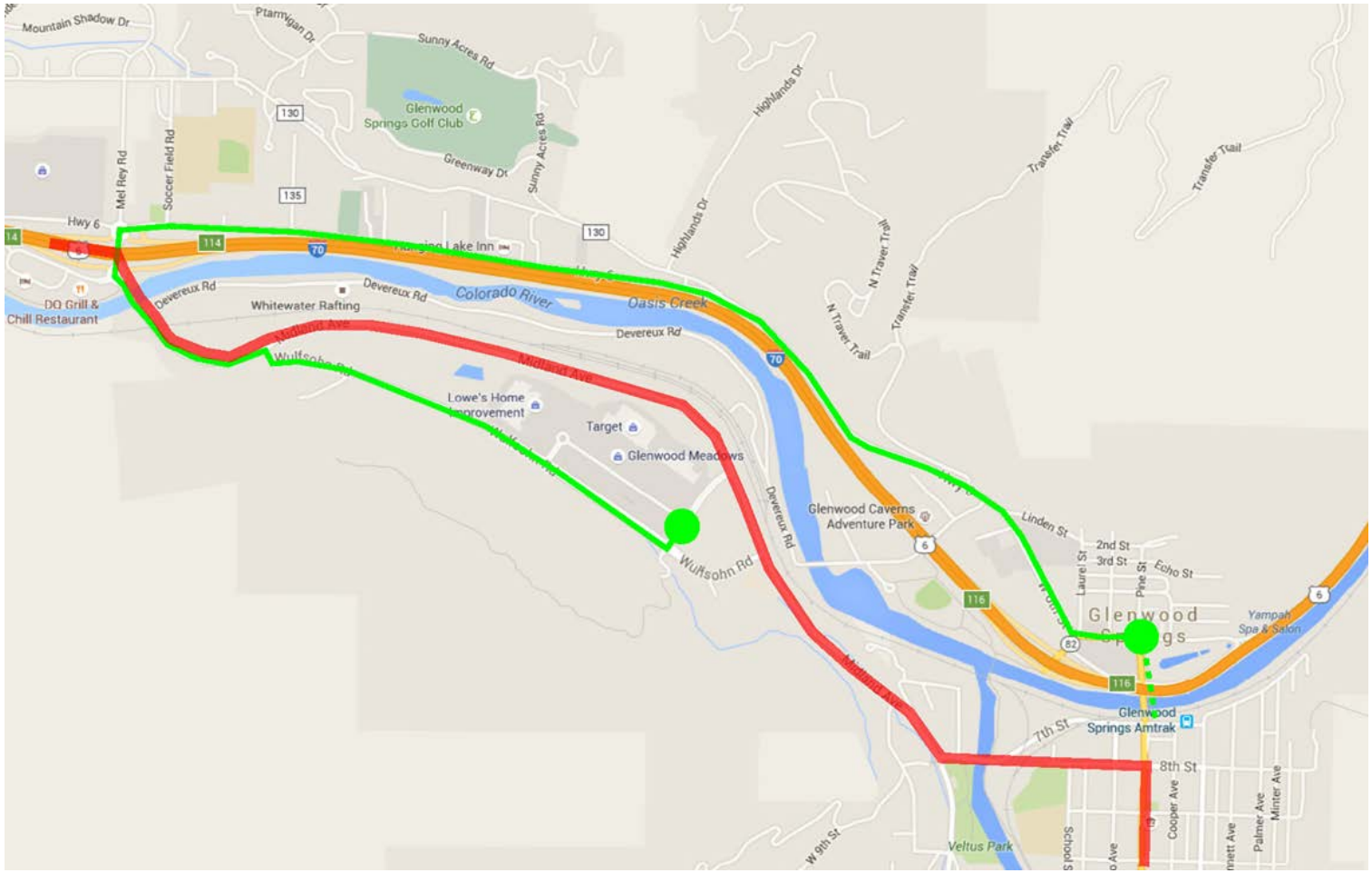
- Hogback – Rifle Route ends at 6th and Grand (cul-de-sac)
- Using the Ped Bridge avoids putting transit vehicles on the Detour
- Pedestrian bus transfer will provide conveyance to accommodate those with disabilities



ROUTE CONNECTIONS – W. GLENWOOD P&R



- Begins at the Meadows Shopping Center
- Ends at 6th and Grand (cul-de-sac)
- Avoids Detour Route as much as possible
- 30 minute headway 6am – 7:30pm

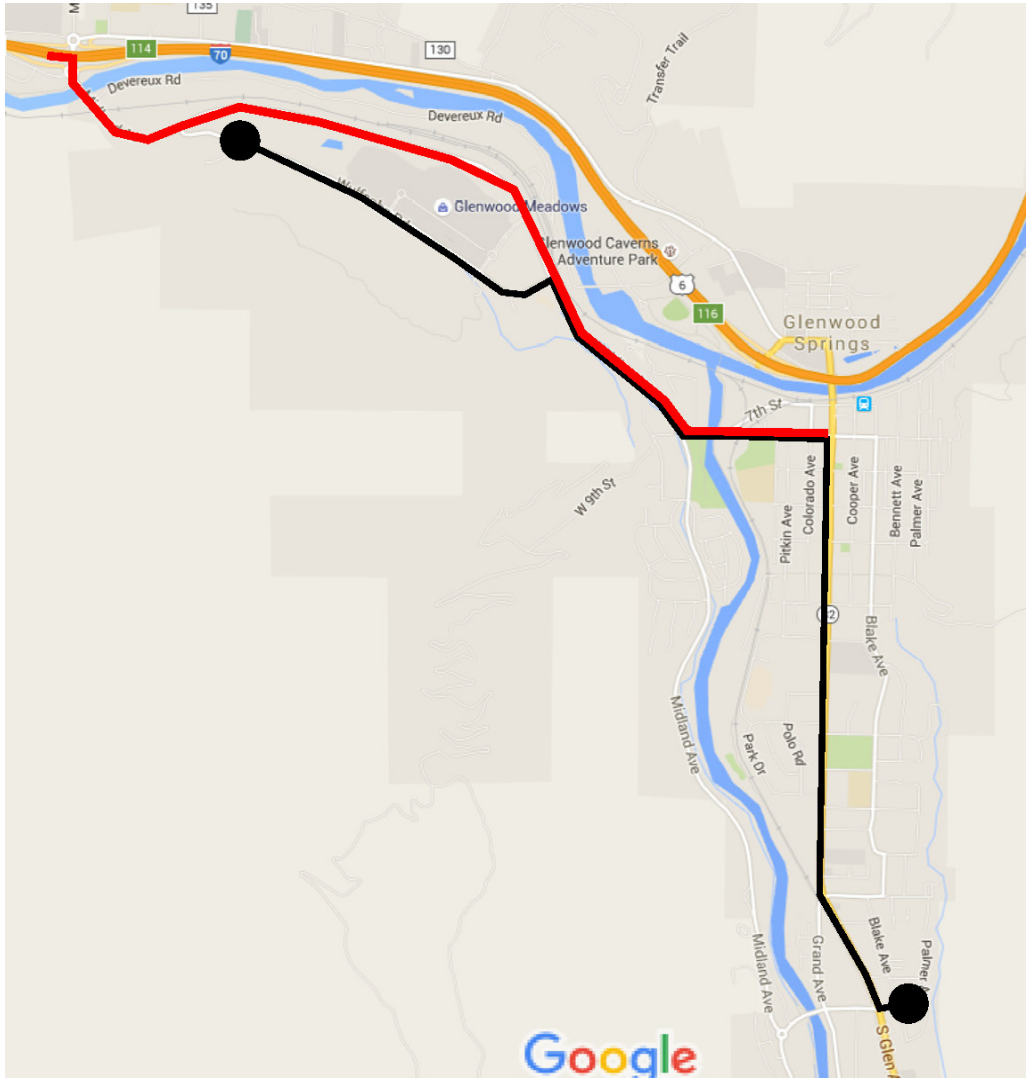


ROUTE CONNECTIONS – W. GLENWOOD P&R TO 27TH ST. BRT

- Begins at the Meadows Shopping Center
- Ends at 6th and Grand (cul-de-sac)

ROUTE CONNECTIONS – W. GLENWOOD P&R TO 27TH ST. BRT

- Begins at the w. Glenwood Park & Ride
- Ends at 27th St. BRT Station
- 15 minute headways 6am – 7:30pm



Grand Avenue Bridge

Public Information Team

Tracy Truelove

CDOT Region 3 Communication Manager

Tom Newland

CDOT Project Public Information Manager (PPIM)

Strategy

Media Relations

Politics

Spokesperson

Construction Activities
Detours, Traffic, Delays
Ongoing Project Information,
Stakeholder Communications,
Project Details, Timelines,
Progress, Outreach

Kathleen Wanatowicz

Public Information Manager (PIM)

Public Information Management

- Provide regular and continuous public information services throughout the duration of the project
- Provide a communication link between the public and CDOT/contractor to resolve concerns and complaints
- Provide information links to local officials, emergency response, and the media
- Available 24/7

Public Information Plan – Tier II

PIM have at least five (5) years professional experience in Public Relations

Develop Communications Plan

Project Flyers

- Key communications piece for the Phase
- Mailed to over 900 residents and businesses in the project area
- Available on website
- Hand delivered
- Major employers

PHASE 1 | Grand Avenue Bridge

JANUARAY-FEBUARY 2016

PROJECT OVERVIEW

The Grand Avenue Bridge (GAB) project is a 30-month construction project building a new GAB and pedestrian bridge. The GAB and the pedestrian bridge serve as an important connection between downtown Glenwood Springs, the historic Glenwood Hot Springs district, and Interstate 70. This project will improve multimodal connectivity and address the functional and structural deficiencies of the bridge, including emergency service response and reliability as a critical transportation route.

NEED FOR THE PROJECT

- Bridge is functionally and structurally obsolete
- Narrow lane widths
- Substandard vertical and horizontal clearances
- Piers supported by shallow spread footings are susceptible to scour and erosion
- Load carrying capacity is 55% of current standards
- Condition of bridge is showing signs of deterioration

PROJECT TIMELINE

The GAB project begins in January 2016. The estimated completion date is May 2018. The GAB will be constructed in five phases. The following is an overview of Phase I construction activity, traffic impacts, and project activities.

PHASE 1 OVERVIEW

The contractor will begin work on the southern causeway on the south riverbank to better access the bridge piers. Contractor will begin installations of deep utilities on 7th St. and Wing Street. Installation of temporary walkway on the current traffic bridge will begin as well as, caisson and substructure work. Construction of a cul-de-sac at the west end of the Glenwood Hot Springs parking lot will be built to provide a turnaround for shuttle parking.

Updates & Alerts:	Comments/Concerns/Questions:	Call or Text Hotline:
grandavebridge.codot.gov	info@grandavenuebridge.com	970-618-9897

Grand Avenue Bridge

Construction of the Grand Avenue Bridge is underway! It's only the largest infrastructure project in Western Colorado for over 25 years and we are excited to get started. This webpage is a great way to stay informed and learn about ways to participate.

Be Prepared

Concerns, Comments, Project Team Access

- Public Information Hotline (970) 618-9897
- Email: info@grandavenuebridge.com

Project Team & Partners

- CDOT
- Colorado Bridge Enterprise F
- Granite/Ralph L Wadsworth General Contractor
- City of Glenwood Springs
- Garfield County

Phase 1

PHASE 1, January-February 2016, construction will include:

- Remove restrooms and existing walls under bridge
- Install temporary wall for caisson/substructure work on eastbound I-70
- Install temporary wall and excavate for caissons between railroad tracks and Seventh Street.

Learn more...

Weekly Construction Update

Construction activity will begin the week of January 4th on 7th Street between Cooper and Colorado. Expect periodic one lane closures on 7th.

7th Street Artist Rendition

Other Information

- Alternative Transportation
- Project Press Releases
- Historic Project Information

Open House

The public is invited to attend an open house on Thursday, Jan. 14, 2016 at the Glenwood Springs Community Center located in Glenwood Springs, CO. **Click here** for details.

grandavebridge.codot.gov

Grand Avenue Bridge

READY, SET & GO! JOIN US FOR A

Public Open House

Grand Avenue Bridge (GAB)

Thursday, January 14, 2016

Project Phasing, Leadership Team,
Bridge Renderings and Phasing Presentation

TWO SESSIONS AND PRESENTATIONS

SESSION 1 - 11:00 AM - 1:00 PM | SESSION 2 - 5:00 PM - 7:00 PM
Presentation 12:00 PM | Presentation 6:00 PM

GLENWOOD SPRINGS COMMUNITY CENTER

MORE INFO: 970-618-9897

COLORADO
Department of Transportation
Statewide Bridge Enterprise

CONTRACTOR:

GRANITE

WADSWORTH

Updates & Alerts:
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Stakeholder Outreach Groups

- Public Information Leadership Team (PILT)
- Core Downtown Businesses (CORE)
- Community Advisory Team (CAT)
- Emergency Management Services (EMS)
- Executive Partnering Team (EPT)
- Transportation and Mobility (TM)
- Water Resources and Recreation (WARR)