



The slide features a background image of a river with green foliage on the left and a bridge structure on the right. At the top center is a stylized logo of a bridge with blue and green waves below it. The main text is centered and reads: "Broadway Avenue Bridge Replacement", "Design Workshop #6", and "December 1, 2015". At the bottom center is the Idaho Transportation Department logo, which includes a stylized 'ID' and the text "IDAHO TRANSPORTATION DEPARTMENT".

Broadway Avenue
Bridge Replacement

Design Workshop #6
December 1, 2015

IDAHO
TRANSPORTATION DEPARTMENT



The slide has a background image of a river. The title "Why replace the bridge?" is centered at the top. Below it is a bulleted list of reasons. At the bottom of the slide is a photograph of a multi-lane road with several cars driving.

Why replace the bridge?

- The Idaho Transportation Department is replacing the Broadway Bridge over the Boise River.
- The bridge is being replaced because the existing structure:
 - Is more than 50 years old and does not meet today's design standards.
 - Has outlived its service life.
 - Can no longer accommodate today's high volume of cars, pedestrians and bicyclists.



Project Description

- The need to replace the Broadway Bridge has provided ITD with an opportunity to make many improvements to Broadway Avenue.
- The project includes:
 - Removing and replacing the bridge.
 - Rebuilding Broadway Avenue from University Drive to Front Street.
 - Improving bicycle and pedestrian facilities.
 - Enhancing connectivity to the Greenbelt.



Final Design Video



Design

Design Plans

The Idaho Transportation Department is replacing the Broadway Avenue Bridge over the Boise River. The new bridge will accommodate current and future traffic conditions, as well as pedestrians and bicyclists. The project also includes improving access to the Greenbelt.

Bridge Structure
The new Broadway Avenue Bridge will be a four-span structure with three piers and overhead steel, haunched girders that will be visible from the Greenbelt.

Deck of the Bridge
The bridge deck will have bicycle lanes and 10-foot wide sidewalks. There will be three 18-foot wide buffer zones on each side of the bridge that overlook the river. Broadway Avenue will be widened to three lanes in each direction.

LEAVE EARLY | KNOW YOUR ROUTE | LEARN MORE www.idt.idaho.gov/BroadwayBridge
Sign up for email updates during construction | 1-877-BROADWAYBRIDGE to 22828 | (208) 334-9938

DESIGN PLANS

Throughout the design process, IDT worked closely with the City of Boise, PSU, businesses, residents and Greenbelt users, taking into consideration community input and technical analysis. IDT has finalized design plans for the project.

Railing and Lighting

Design plans include a curved railing with integrated night lighting.

LEAVE EARLY | KNOW YOUR ROUTE | LEARN MORE www.idt.idaho.gov/BroadwayBridge
Sign up for email updates during construction | 1-877-BROADWAYBRIDGE to 22828 | (208) 334-9938

Greenbelt

Greenbelt

The project includes enhancing connectivity to the Greenbelt at all four corners of the bridge.

The Idaho Transportation Department (ITD) is replacing the Broadway Avenue Bridge over the Boise River. The planned improvements will allow bicyclists and pedestrians to access the Greenbelt from Broadway Avenue safely and easily.

Southwest (GSU)
Design plans include adding a paved ramp at the southwest corner to connect the Greenbelt to Broadway Avenue.

Southeast (University Plaza/Chill's)
At the southeast corner, plans include adding both a ramp and stairs from the pathway to the roadway. A bus stop will be built at the southwest corner for Boise Area and Boise use only.

LEAVE EARLY | KNOW YOUR ROUTE | LEARN MORE www.idt.idaho.gov/BroadwayBridge
Sign up for email updates during construction | 1-877-BROADWAYBRIDGE to 22828 | (208) 334-9938

GREENBELT IMPROVEMENTS

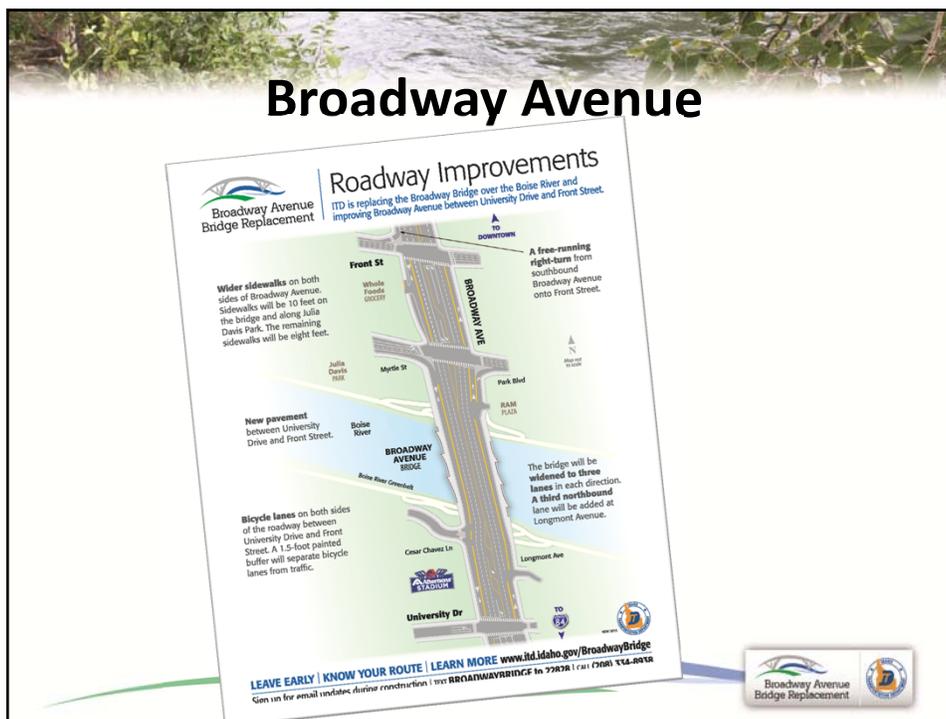
Design plans include stairs and ramps at both the northwest and northeast corners of the bridge.

Northwest (Julia Davis Park)
Northeast (Ram)

Greenbelt Under the Bridge
Design plans for the Greenbelt under the bridge include an open view of the river from the pathway on both sides of the river. The pathway under the bridge will be raised to help reduce flooding in the spring.

LEAVE EARLY | KNOW YOUR ROUTE | LEARN MORE www.idt.idaho.gov/BroadwayBridge
Sign up for email updates during construction | 1-877-BROADWAYBRIDGE to 22828 | (208) 334-9938

Broadway Avenue



Utility Work

Utility work is being done in preparation for removing and replacing the bridge. Utility work will continue through late December 2015.

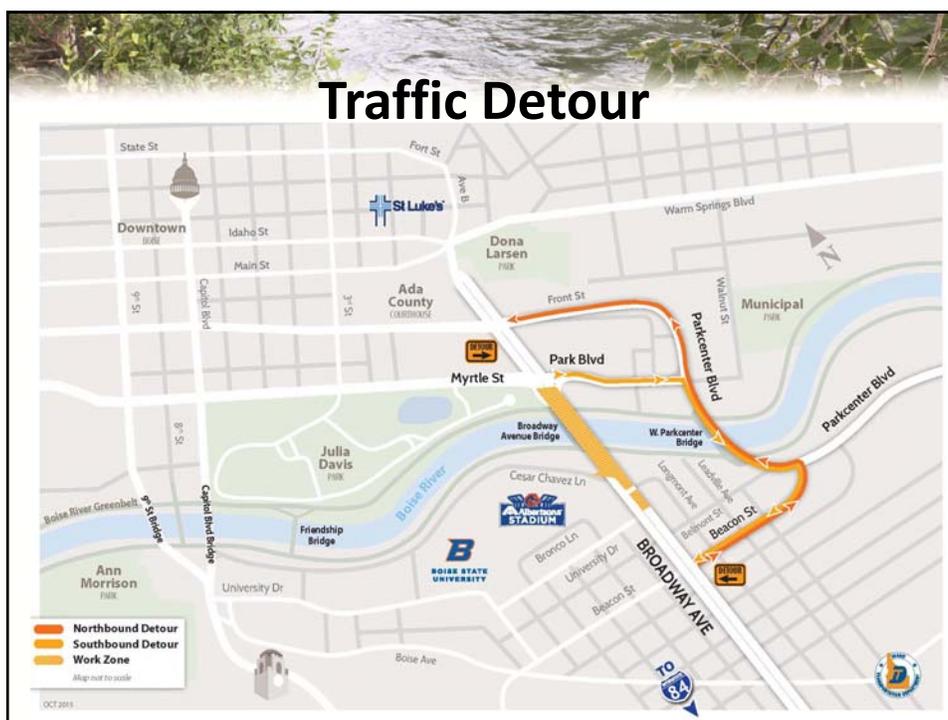
- Intermittent **nighttime lane restrictions** will occur from **9 p.m. to 5 a.m.**
- Some **daytime lane restrictions** may be necessary.
- **A couple of nights, Broadway Avenue may be closed** between Myrtle Street and University Drive. Detour routes will be clearly marked.

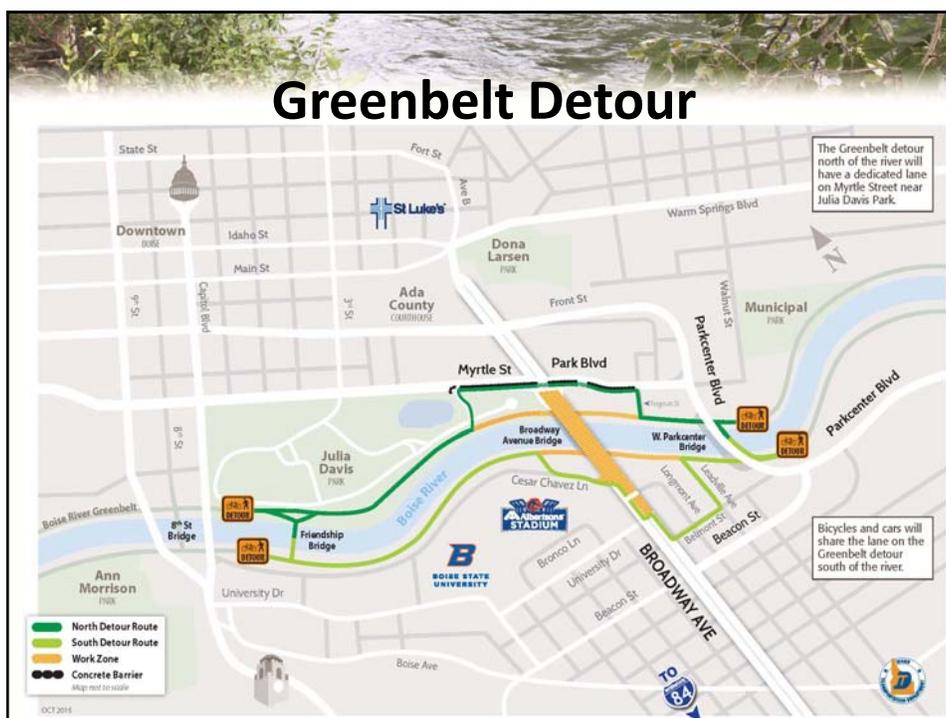
Construction

- Construction will begin **early January** and is expected to be complete by **fall 2016**.
- Broadway Avenue will be completely closed in both directions from Cesar Chavez Lane to Myrtle Street.
- Motorists will be detoured to Parkcenter.
- Greenbelt detours will be clearly marked.



Traffic Detour

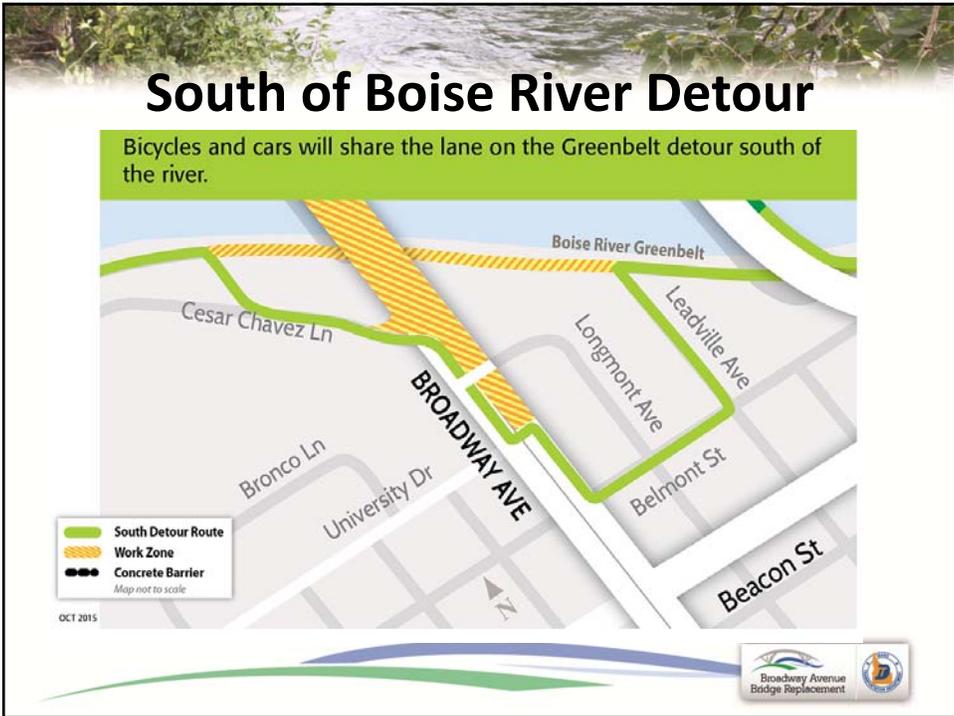
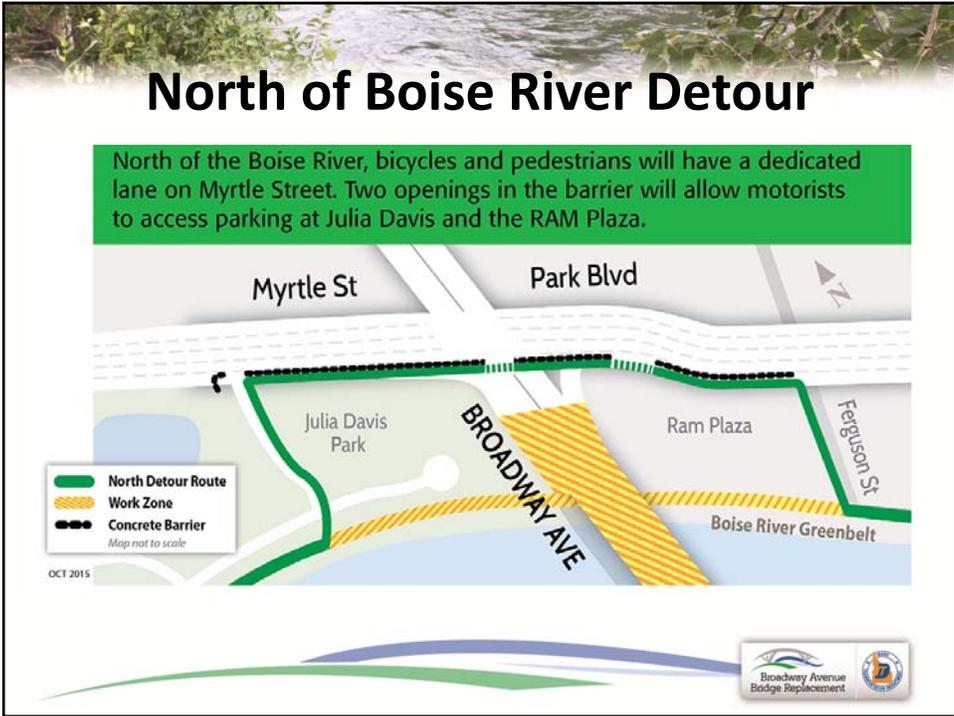




Work Zone Safety

- The work zone will be fenced and a live video stream will be available on the project website.
- Construction entrances will be located on Broadway Avenue on each side of the bridge
 - The Greenbelt detour will cross the construction entrances.
 - Crews will be moving equipment in and out of work zone 24/7.







Overall Construction Impacts

- Lane restrictions will be in place between Myrtle and Front streets while crews repave this section of Broadway Avenue.
- The right-turn lane will be closed from Myrtle to Broadway.
- Crews will be working 24/7.
- Some work will be **very** noisy.
 - Backup alarms
 - Pile driving
- Business access will remain open.



Anticipated Construction Sequencing WINTER

- Remove the existing bridge
- Drive piles (daytime only, 4-6 weeks)
- Complete the foundation of the bridge structure (piers, pier caps and parts of the girders)



Anticipated Construction Sequencing SPRING

- Build the bridge deck
- Place girders for the bridge deck (33 girders)
- Begin improvements to the Greenbelt
- Begin building the bicycle ramps and stairs



Anticipated Construction Sequencing SUMMER TO FALL

- Repave Broadway Avenue between Myrtle and Front streets
- Rebuild Broadway Avenue between University Drive and Myrtle Street
- Place concrete for the bridge deck
- Place forms
- Build the retaining walls, sidewalks and railing
- Continue to work on Greenbelt improvements



Project Website

<http://itd.idaho.gov/broadwaybridge/>

- Sign up for email updates:
 - Text “BroadwayBridge” to 22828
 - Project website
 - Call (208) 334-8938



Contact information

Mark Campbell

ITD Project Manager
334-8946

Mark.Campbell@itd.idaho.gov

Jennifer Gonzalez

ITD Public Information Specialist
334-8938

Jennifer.Gonzalez@itd.idaho.gov



