Overview

The Ada County Highway District (ACHD) is working on a design for the Cassia Street Bikeway, as well as for two sidewalk projects.

The bikeway project aims to connect the east and west sides of the Central Bench Neighborhood via a low stress bikeway. Connections are provided to Boise State University and Downtown Boise on the east end (via Kootenai Street) and to the future Liberty Street Bikeway on the west end.

Why Cassia? Cassia Street was identified as a potential bikeway in the 2012 Boise Central Bench Neighborhood Pedestrian and Bicycle Plan. It’s also included in the 2018 Roadways to Bikeways Master Plan Update.

In addition to the bikeway, sidewalks are being designed for Cassia Street from Latah Street to Shoshone Street and from Franklin Park Drive to Troxel Drive where they currently do not exist.
What we heard during the 2018 concept design

We surveyed you and your neighbors in March to learn more about the concerns and opportunities you see for bicycling on Cassia Street and in June to learn about opinions of the proposed concept design. Here's what we learned.

Areas to Pay Particular Attention to:

**Nearby School Areas**
- South Junior High School
- Monroe Elementary School
- Sacred Heart School
- Borah High School

The concerns around schools are:
- Busy traffic during school pick-up/drop-off
- People driving too fast
- Need to plan for young children walking and biking by the elementary schools

**Nearby Parks**
- Cassia Park Connection: A connection through the park would be nice, but would require bridging a canal
- Borah Park Area: Popular walking and biking destination

**Difficult Street Crossings**
- Orchard Street
- Roosevelt Street
- Shoshone Street

Do you agree with the proposed bikeway treatments on Cassia Street?

93% YES

205 Participants
153 Paper & Online Survey Comments
253 Online Map Comments
406 Total Received Comments
The project team will review and address comments received from the public.

Right-of-way purchases will begin in Spring 2020 and construction is expected to start near the beginning of 2021.

Don’t forget – comments are due by January 23rd, 2020.
Cassia Street Bikeway & Sidewalk Projects

Project Overview

- **Pavement reconstruction** (Franklin Park Dr. to Curtis Rd.) and north side sidewalk installation (Franklin Park Dr. to Troxel Dr.)
- **Low Stress Bikeway** (Wayfinding and pavement markings)
- **Conventional Bike Lanes** (Add where not existing and widen existing to standard)
- **Low Stress Bikeway** (Wayfinding, pavement markings, and speed cushions)
- **Multi-Use Sidewalk with Bridge Connection** (Through park)
- **Low Stress Bikeway** (Wayfinding and pavement markings)
- Add RRFB and ramps at Troxel Dr.
- Relocate pedestrian hybrid beacon to intersection
- Provide bicycle-only northbound left-turn lane
- Narrow to 3-lanes (one lane in each direction plus left-turn lane) to accommodate bike lanes
- North side sidewalk & permeable pavers and pavement reconstruction (Latah St. to Shoshone St.)
- Add RRFB and ramps at Robert St.

- **Conventional Bike Lanes**
- **Low Stress Bikeway**
- **Multi-Use Sidewalk**

- **Roadway markings**
  - Multi-Use Sidewalk
  - Conventional Bike Lanes
  - Low Stress Bikeway
  - Bicycle Detector Markings
  - Pedestrian Hybrid Beacon
  - RRFB
  - Raised Intersection
Cassia St./Roosevelt St. Northbound Bicycle-Only Left-Turn Lane

Eastbound bicycles use existing crosswalk and RRFB to cross Roosevelt Street.

New northbound bicycle only left-turn lane

Flexposts will separate bike lane from motor vehicle lane

Example Bicycle Only Left-turn Lane
Shellmound Street, San Francisco, CA
Cassia St. – New Multi-Use Sidewalk & Bridges Through Cassia Park

LEGEND

- SIDEWALK
- GRAVEL ROAD
- FENCE
- EXISTING PROPERTY LINES
- TEMPORARY CONSTRUCTION EASEMENT
- GATE

Removable bollard
Gravel road for canal maintenance (tree removal required)
Future pathway connection to Albion St (by City of Boise)
Bridge by City of Boise
New pedestrian-bicycle only bridge across Ridenbaugh Canal
Bridge by ACHD
Cassia Park
Ridenbaugh Canal
To Orchard St
To Roosevelt St

New multi-use sidewalk
Re-route existing sidewalk
Gravel road for canal maintenance (tree removal required)
Cassia St. – Troxel Dr. to Curtis Rd. Pavement Reconstruction (4-Lane to 3-Lane Conversion)

- New Rectangular Rapid Flashing Beacon (RRFB) Crossing
- Sidewalk modified to allow bicyclists to use RRFB crossing
- Bike ramp up to sidewalk to RRFB crossing
- Remove existing speed hump
- New bike lane
- New speed cushions
- New bike lane
- New bike detection marking
- Retain right-turn lane
- New bike lane
- Sidewalk modified to allow bicyclists to use RRFB crossing
- Bike ramp up to sidewalk to RRFB crossing
- Retain right-turn lane
- New bike lane

Example Rectangular Rapid Flashing Beacon (RRFB) Cassia St & Roosevelt St Intersection, Boise
Cassia St. & Shoshone St. Raised Intersection

Example Raised Intersections

Bike lanes to be installed on Shoshone St. as part of separate project

Pedestrian/bicycle shared crosswalk
What are these for?
To give bicyclists a designated place to cross the street next to pedestrians.

Raised intersection
What is this for?
To improve compliance with stop signs, improve the visibility of people crossing the street, and slow traffic through the intersection.

Bike lanes to be installed on Shoshone St. as part of separate project
Other Treatments

**Rectangular Rapid Flash Beacons (RRFB)**
Signs with a pedestrian-activated “strobe-light” flashing pattern that attracts attention and notifies motorists that pedestrians are crossing.

**Signs**
Signs on low volume and low speed streets indicating that bicyclists may use the travel lane.

**Sharrows**
Pavement markings on low volume and low speed streets indicating the street is a route to be used by bicyclists.

**Speed Cushions**
Raised sections of pavement to slow down motor vehicles while allowing bicyclists and emergency vehicles to pass through in the spaces between the cushions.

**Bike Signal Detection Location Markers**
Pavement markings indicating where bicyclists should position themselves to get a green light.

**Bulb-outs/Curb Extensions**
An extension of the curb or the sidewalk into the street, usually at an intersection, that narrows the road, inhibits fast turns, and shortens the crossing distance for pedestrians.

**Branding**
Signs that let people know they are biking or driving on a designated bikeway.

**Wayfinding Signs**
Signs providing direction to popular destinations along or near the bikeway.

**Source:** City of Bellingham
Cassia St. – Franklin Park Dr. to Troxel Dr. New Sidewalk & Pavement Reconstruction

Example Rectangular Rapid Flashing Beacon (RRFB) Cassia St & Roosevelt St Intersection, Boise

LEGEND
- SIDEWALK
- PAVEMENT
- CURB & GUTTER
- EXISTING PROPERTY LINES
- NEW RIGHT-OF-WAY
- TEMPORARY CONSTRUCTION EASEMENT

New sidewalk
Remove tree
New speed cushions
Remove tree
Remove existing speed hump

New sidewalk
Remove tree
New speed cushions
New Rectangular Rapid Flashing Beacon (RRFB) Crossing

Sidewalk modified to allow bicyclists to use RRFB crossing
Bike ramp up to sidewalk to RRFB crossing
New bike lane

Reconstruct Poor Condition Sidewalk

Cassia St. - Franklin Park Dr to Troxel Dr. New Sidewalk & Pavement Reconstruction

Committed to Service

Boise, Idaho
Date: December 2019

SEE BELOW LEFT
SEE ABOVE RIGHT
Kootenai St./Robert St. Intersection
Rectangular Rapid Flashing Beacon (RRFB)

New bike lane (remove one parking space)
New bike crossing
New Rectangular Rapid Flashing Beacon (RRFB) Crossing
RRFB equipment added to existing light pole