



# Welcome

## **Tonight's open house is an opportunity for you to:**

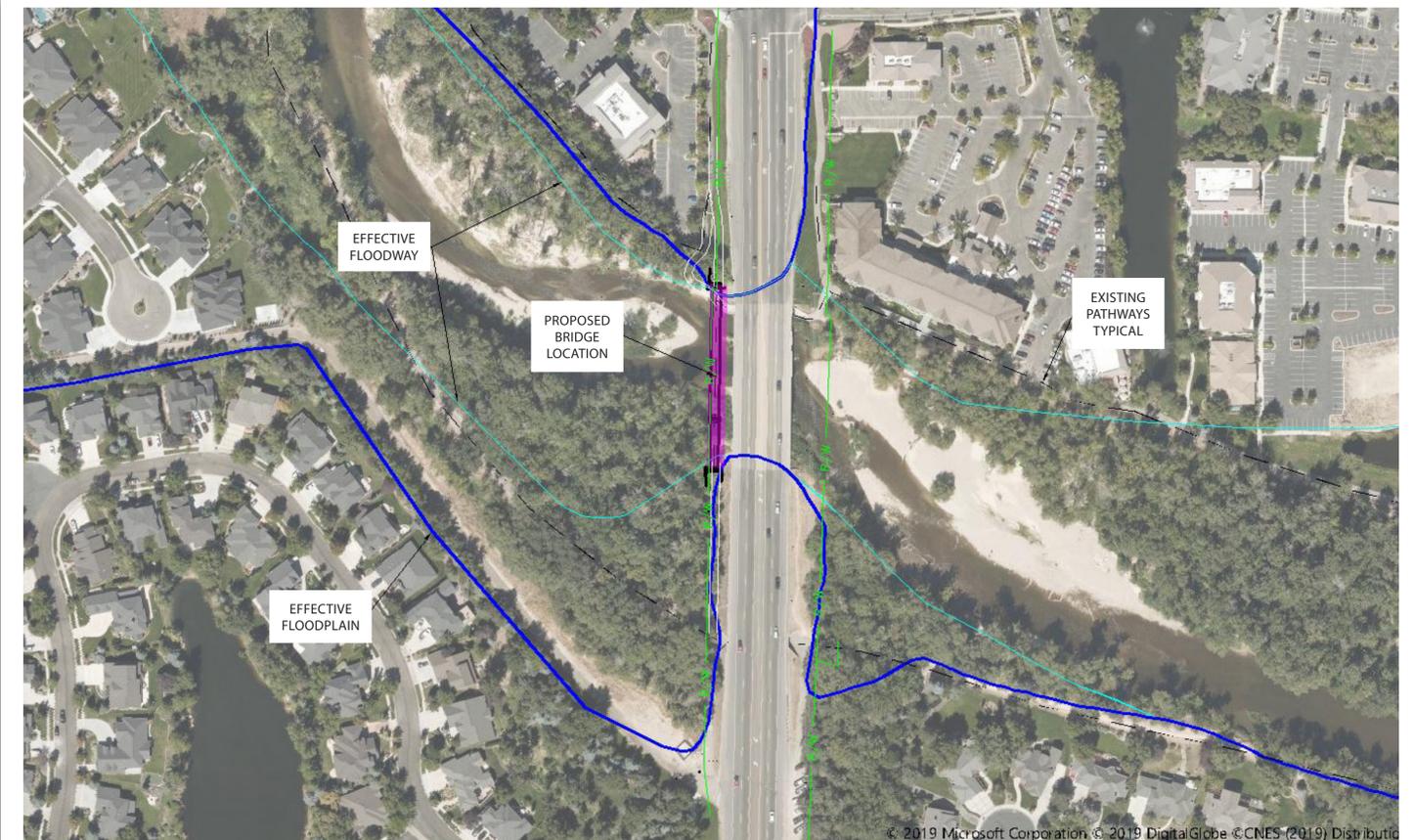
- Review the bicycle and pedestrian bridge design concepts
- Provide feedback on the selected bridge design
- Ask questions of project staff

## Purpose and Need of the Project

- Construct a pedestrian and bicycle bridge over the north channel of the Boise River
- Create an active transport link between the Boise River Greenbelt system, planned pathways, and a rapidly growing residential and commercial core area
- Provide a safe and convenient river crossing facility for pedestrians and cyclists

## Project History

- A feasibility study was conducted in 2015 by COMPASS on behalf of the City of Eagle which evaluated multiple bridge options and sizes
- Several alternatives were developed and analyzed for constructability to meet the purpose and need and to identify the most cost-effective and environmentally-sound design





## Alternative Bridge Concepts Considered in Previous Studies

- 2016 recommendation, three-span concrete bridge attached to existing structure
  - Creates inspection and maintenance issues
  - Hinders future SH-55 expansion
  - Requires bridge pier to be constructed in the active river channel
  - Not evaluated further
- Separate single-span steel truss alternative
  - Additional evaluation of this alternative was completed



## Single-Span Bridge Alternative

(continued from previous study)

### Pros:

- Pier not required
- Minimizes hydraulic and environmental impacts

### Cons:

- Least cost-effective alternative
- Creates large structure footprint and depth

### Cost:

- \$3.4 million

## Two-Span Bridge Alternative

### Pros:

- Less costly than single-span alternative
- Reduced overall structure footprint and depth
- Pier not required in active river channel
- Best balance of project requirements, needs and cost-effectiveness

### Cons:

- Requires pier to be constructed within floodway
- Requires additional hydraulic mitigation

### Cost:

- \$2.5 million



# BOISE RIVER PEDESTRIAN BRIDGE



THE CITY OF  
*Eagle*

## Preferred Design Alternative (Two-Span Bridge)

### Why was the Preferred Alternative chosen and what benefits will it provide?

- Meets project goals
- Bridge pier located outside of the main active river channel
- Lowest cost of feasible structures

### What has changed since the previous concept studies?

- Increased required distance from existing Idaho 55 bridge for ongoing maintenance
- Increased bridge length required to span floodway
- Increasing construction costs due to market conditions





## What are the most important considerations for a new Boise River pedestrian and bicycle crossing?

SAFETY

COST

CONNECTIVITY

CONSTRUCT AT THIS  
LOCATION

AESTHETICS

MOBILITY

MINIMIZE  
ENVIRONMENTAL  
IMPACTS

CONSTRUCT AS  
SOON AS POSSIBLE

# BOISE RIVER PEDESTRIAN BRIDGE



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## How important is this project to the community?

