



Welcome

**Thank you for your interest in the
I-90/Idaho 41 Interchange Project.**

Today's meeting is an opportunity for you to:

- Learn about ITD's plans to improve the interchange
- Review and provide input on a range of potential improvements
- Identify issues and concerns ITD should consider in the design

Project Description

The Idaho Transportation Department (ITD) is planning to reconstruct the existing interchange at I-90 and Idaho 41.

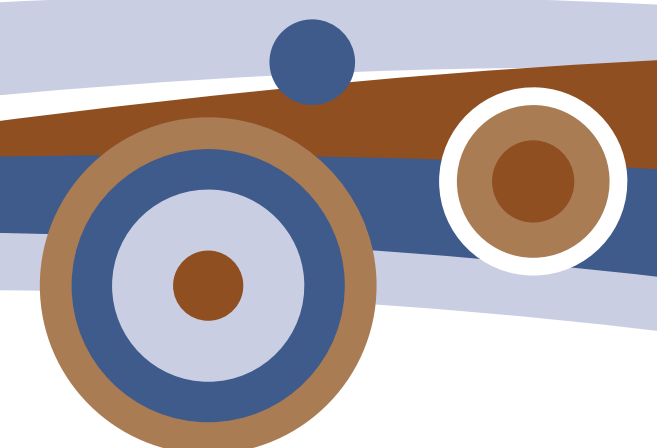
The design will include improvements to I-90 and Idaho 41 between Seltice Way and Mullan Ave. ITD will modify ramps and improve local roads to align with the new interchange. This project is designed to address safety and capacity at the I-90/Idaho 41 intersection.

Improve Safety

Redesigning the interchange will reduce the number of conflict points for motorists and improving the alignment with local roads will reduce crashes.

Reduce congestion

Increasing the capacity of the interchange will reduce congestion and improve travel times.

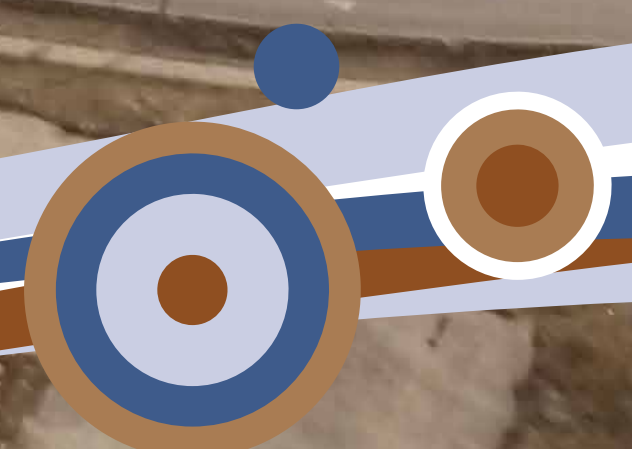


Background

The current interchange was constructed in the early 1970s and the eastbound off-ramp was modified in the early 1990s. Congestion in recent years has contributed to multiple severe and fatal crashes, especially at the westbound off-ramp.

The irregular intersection of Seltice Way and Idaho 41 has led to a further decline in motorist safety and ease of use.

ITD is working closely with the city of Post Falls and other local jurisdictions to evaluate potential improvements to the interchange and surrounding roads.



Process and Schedule

Schedule

2018

Develop range of potential improvements

SUMMER 2018

Convene community working group to review and discuss range of potential improvements

(The group included City of Post Falls, Post Falls Highway District, Kootenai County, Idaho Transportation Department and David Evans & Associates)

FALL 2018

Conduct planning session to review technical data and evaluate potential improvements

Hold public meeting to review and provide input on potential improvements

SPRING 2018

Complete environmental evaluation

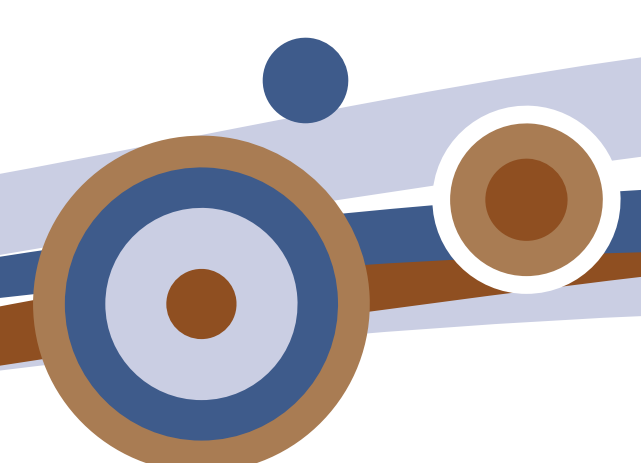
2019-2020

Finalize design and public input

2023*

Construction is expected to begin and could take two years to complete

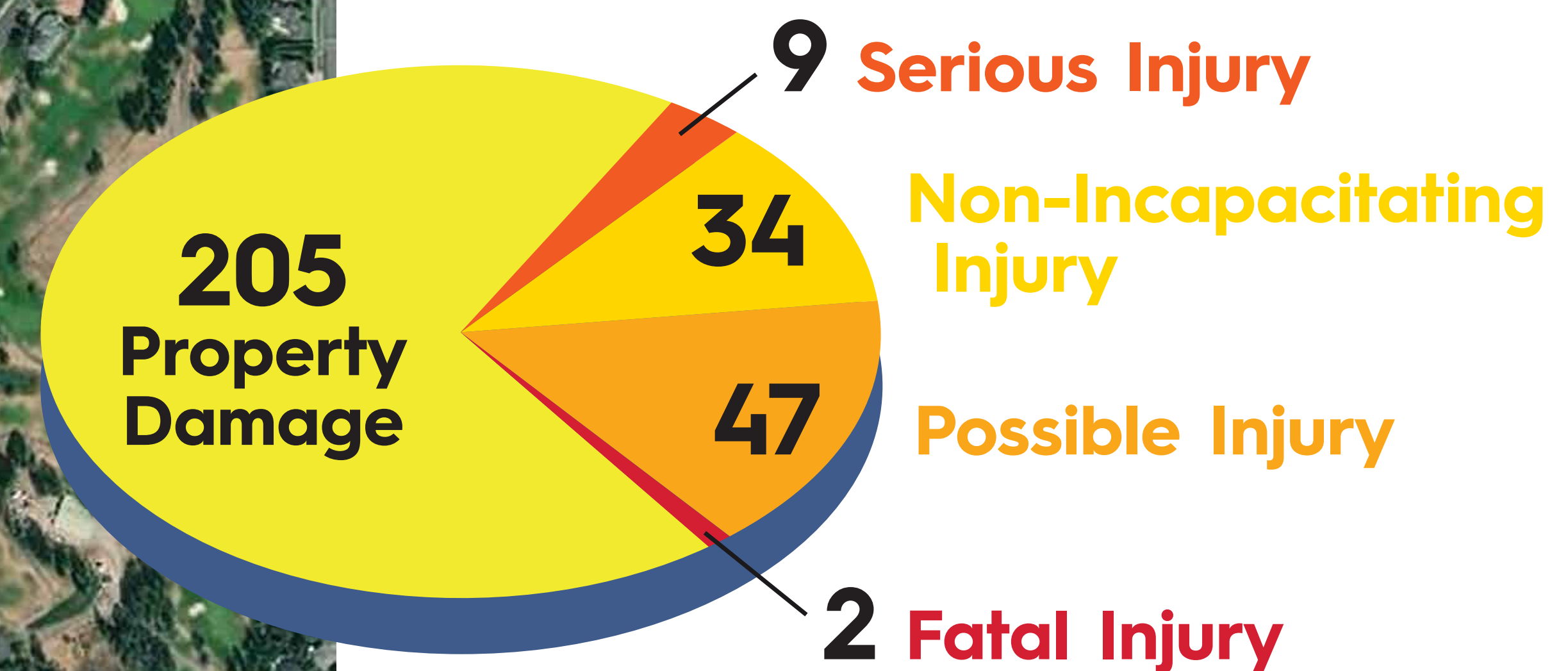
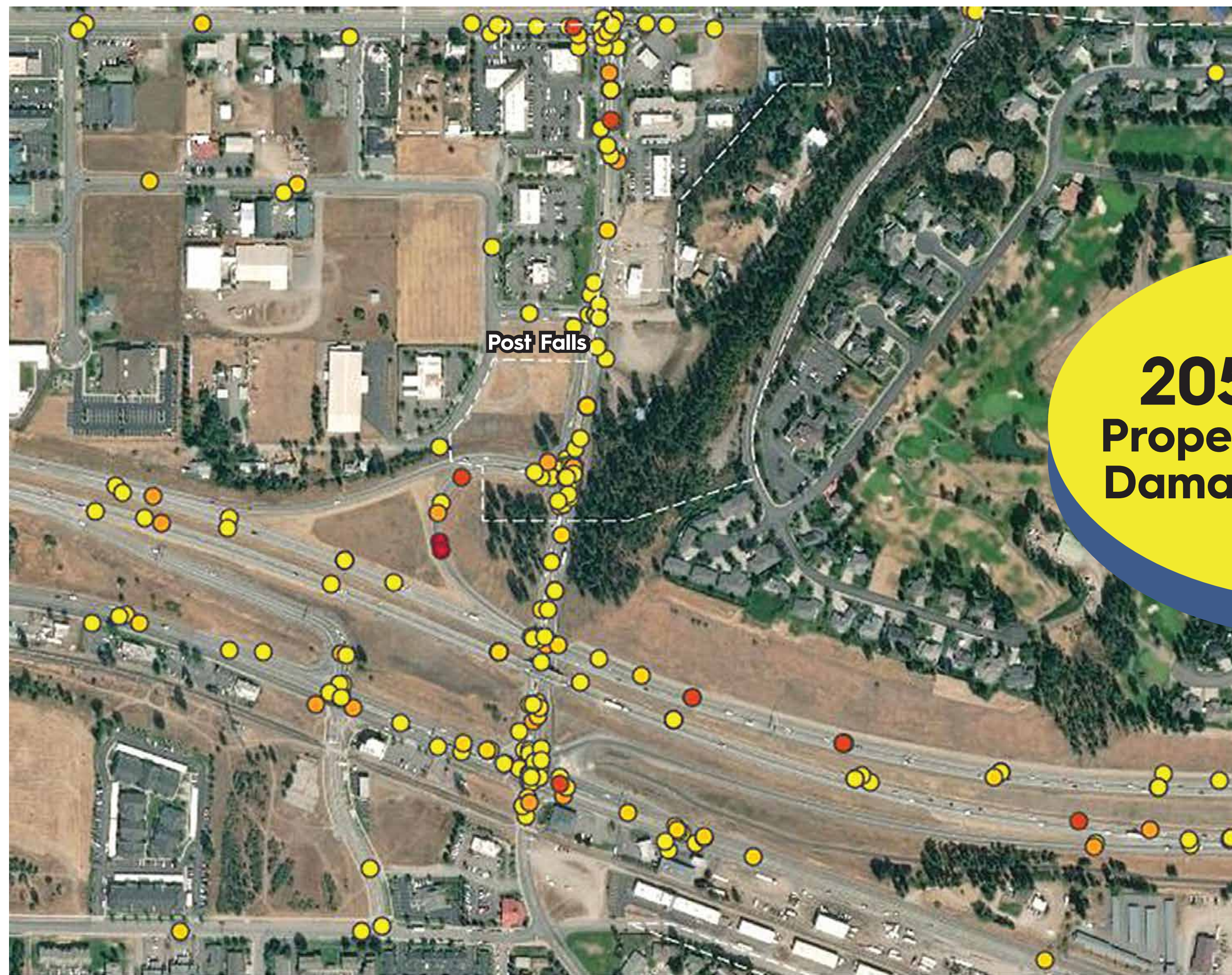
**Construction could begin earlier if funding becomes available.*



Existing Conditions

Safety

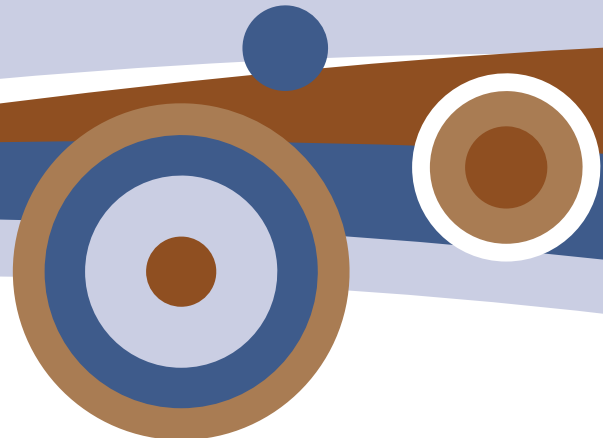
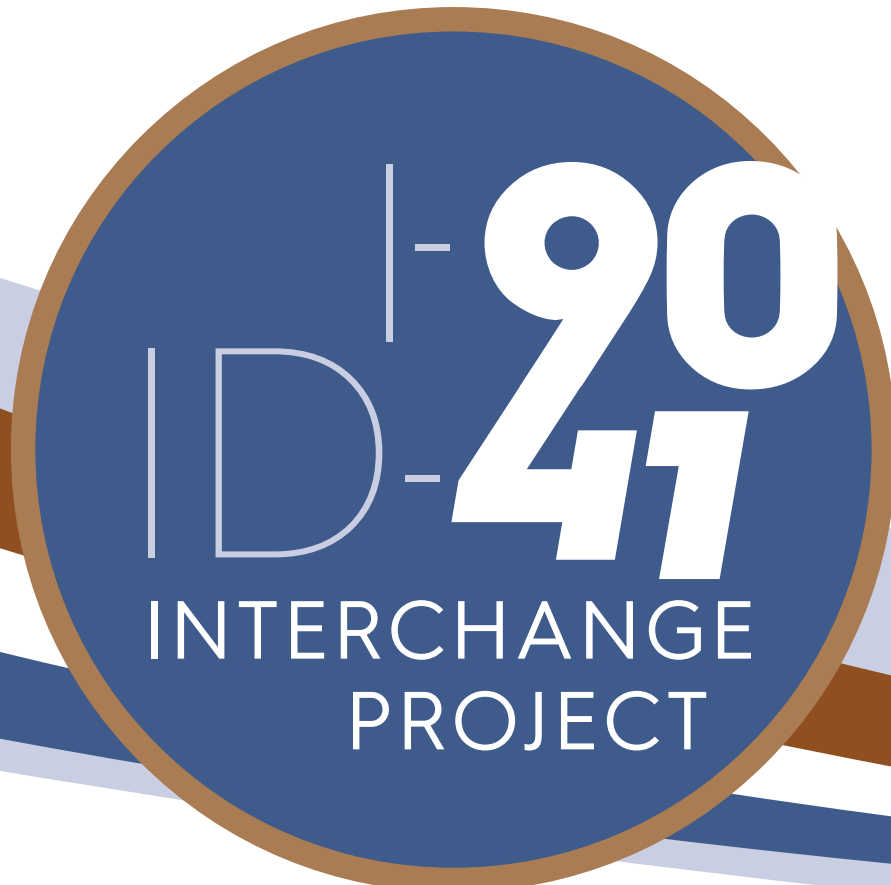
- Between 2012 and 2017, 297 crashes were reported at the I-90/Idaho 41 interchange
- The interchange is currently ranked as the 10th highest accident location in Idaho



Existing and Future Traffic

	Current Traffic		2040 Traffic Projections	
I-90	58,000 vehicles/day		77,000 vehicles/day	
Ramps	7,500 vehicles/day		16,500 vehicles/day	
Idaho 41	24,500 vehicles/day		58,000 vehicles/day	
Seltice Way	18,000 vehicles/day		36,000 vehicles/day	

*Current design improvements will be compatible with
a possible expansion of I-90 to six lanes.*



Alternatives Analysis

In early 2018, ITD analyzed nine potential alternatives for improving the interchange. ITD used the following factors to determine which alternative(s) needed further consideration:

- Improve traffic operations
 - Safety
 - Access
 - Oversize loads
- Increase ease of use
- Minimize impacts during construction
- Ease of maintenance
- Optimize impacts to local roads
- Improve multi-modal compatibility
- Ability to meet future needs
- Cost

The detailed analysis of each alternative is available on the table next to this display.



Alternatives Analysis

Based on the list of factors, ITD recommends moving two alternatives forward for consideration:

● Single Point Urban Interchange

With roundabouts

Or

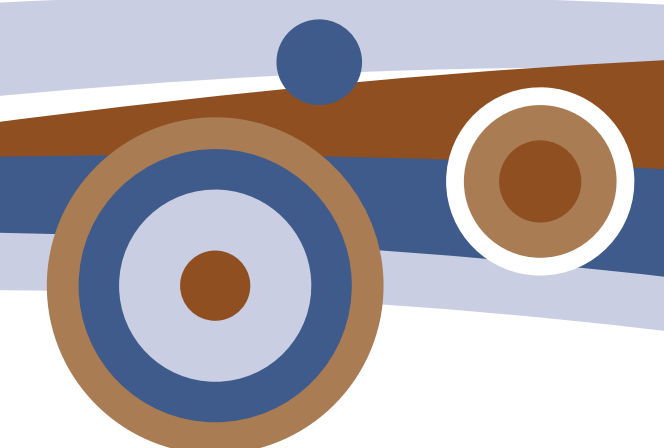
With traffic signals

● Half diamond south of I-90

With roundabouts

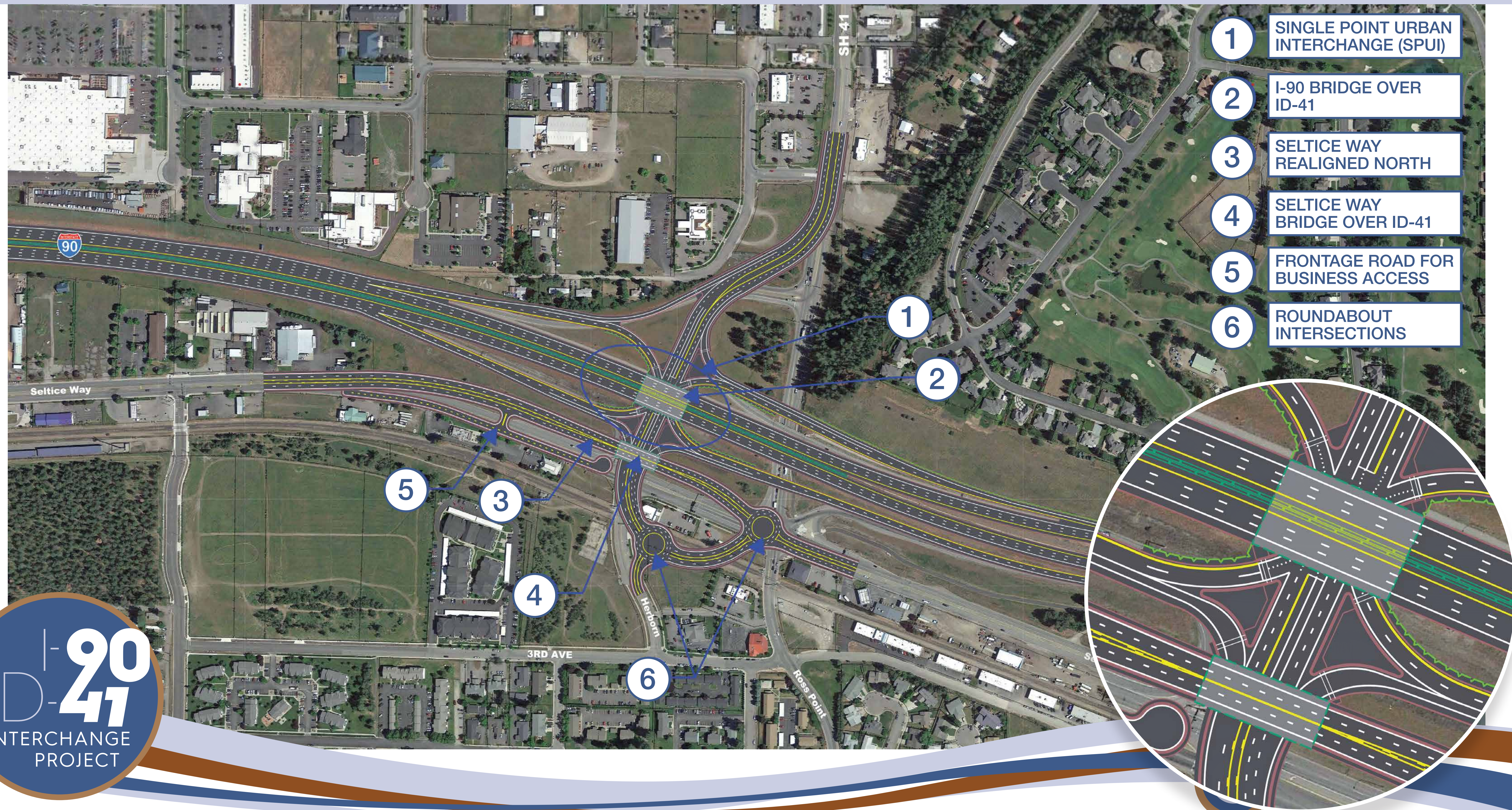
Or

With traffic signals



Single Point Urban Interchange

With roundabouts



Single Point Urban Interchange

With traffic signals



Half Diamond Interchange South of I-90

With roundabouts



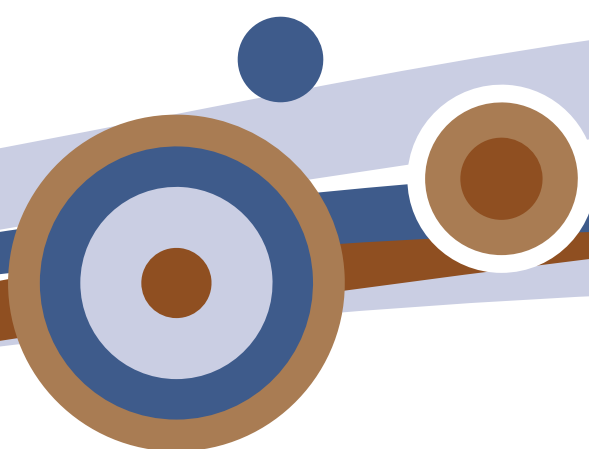
Half Diamond Interchange South of I-90

With traffic signals



Alternatives Analysis

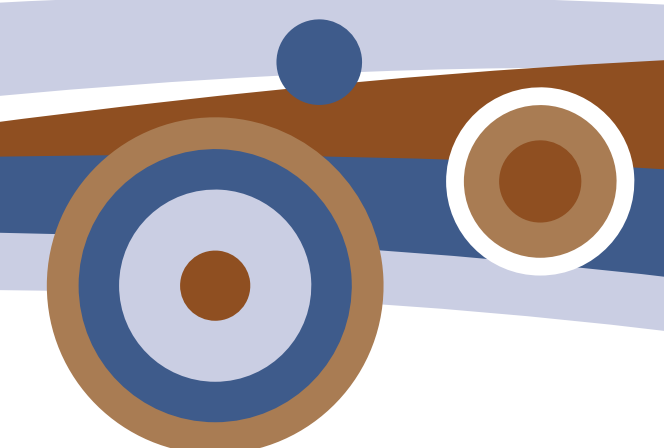
Alternative		
Evaluation Criteria	Single Point Urban Interchange	Half Diamond Interchange
Improve Traffic Operations	Very Good	Very Good
Ease of Use	Excellent	Very Good
Constructability	Good	Very Good
Ease of Maintenance	Excellent	Excellent
Impact to Local System	Good	Good
Multi-Modal	Excellent	Excellent
Forward Compatibility	Fair	Good
Estimated Total Project Cost	\$65 M	\$31 M



Half Diamond Interchange South of I-90

Reconstructing the westbound off-ramp (loop ramp) will:

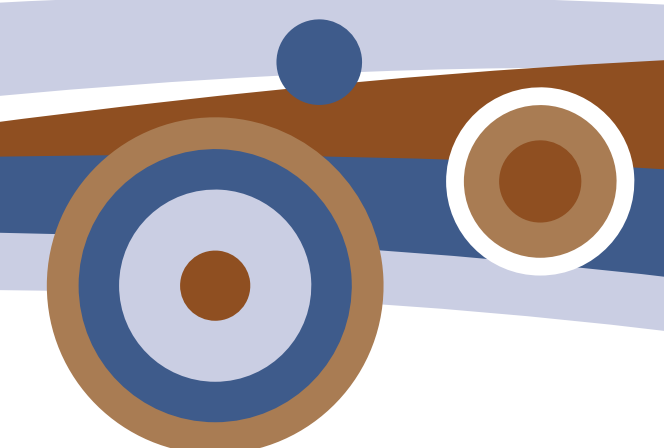
- Lengthen and improve safety on the deceleration lane entering the loop ramp
- Add lane to increase queuing/storage capacity
- Improve/increase curve radius
- Eliminate compound curve (provide single radius curve)
- Improve roadside safety elements (barrier, signage, etc.)



Seltice Overpass (Common to all alternatives)

Seltice grade separation and re-alignment considerations:

- Separates local traffic from interchange traffic
- Better accommodates Seltice Way through traffic
- Allows for optimal signal spacing
- Provides access to local businesses
- Better manages access and turning movements on Seltice and Idaho 41



Next Steps

Over the next couple of years the Idaho Transportation Department will:

- Continue to incorporate public feedback
- Work with local jurisdictions and property owners
- Complete an environmental workshop as required by the National Environmental Protection Act (NEPA)
- Identify the preferred alternative that best meets the needs of the community, improves safety and reduces congestion
- Begin final design and right-of-way acquisition
- ITD anticipates beginning construction 2023.*

**Construction could begin earlier if funding becomes available.*



Thank You and Stay Involved

Thank you for attending tonight's meeting.

ITD will continue to communicate with and involve the community in the project.

- Call us: Shannon Stein, ITD Project Manager, (208) 772-8013
- Email us: Shannon.Stein@itd.idaho.gov
- Visit us: ITDprojects.org/I90Idaho-41



**Your Safety • Your Mobility
Your Economic Opportunity**

