



BrMUG 2023 – Boise, ID

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Welcome to Boise





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Mike Johnson – State Bridge Engineer



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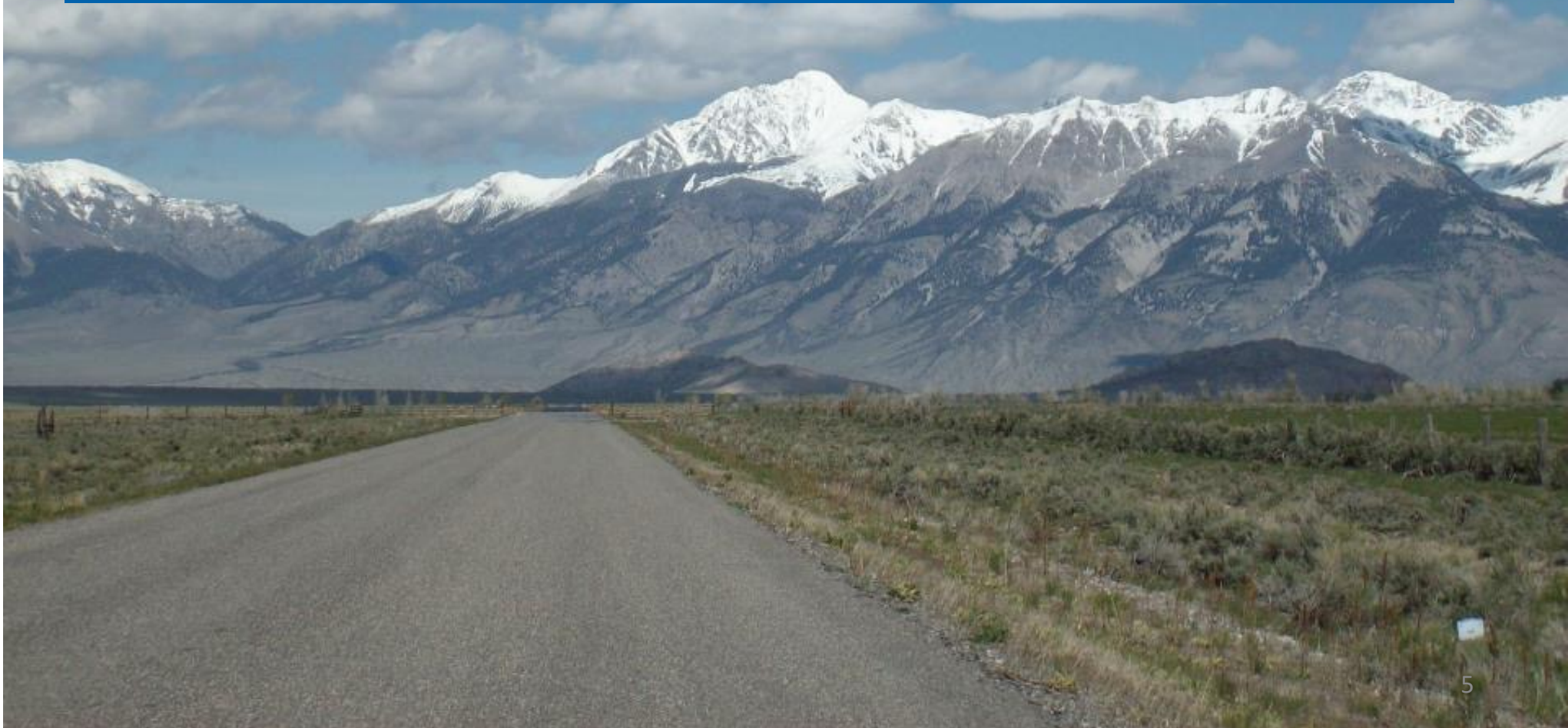




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A Little About Idaho





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Population – 1.94-million

- 39th Largest
- 2nd Fastest Growing State

Area – 83,569 sq. mile

- 14th Largest



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Major Industries

- Technology
- Manufacturing
- Agriculture
- Food Production
- Tourism
- Outdoor Recreation



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Agricultural State

- Potatoes – 32% in USA
- Sugarbeets
- Dairy / Cattle
- Hay / Barley
- Onions



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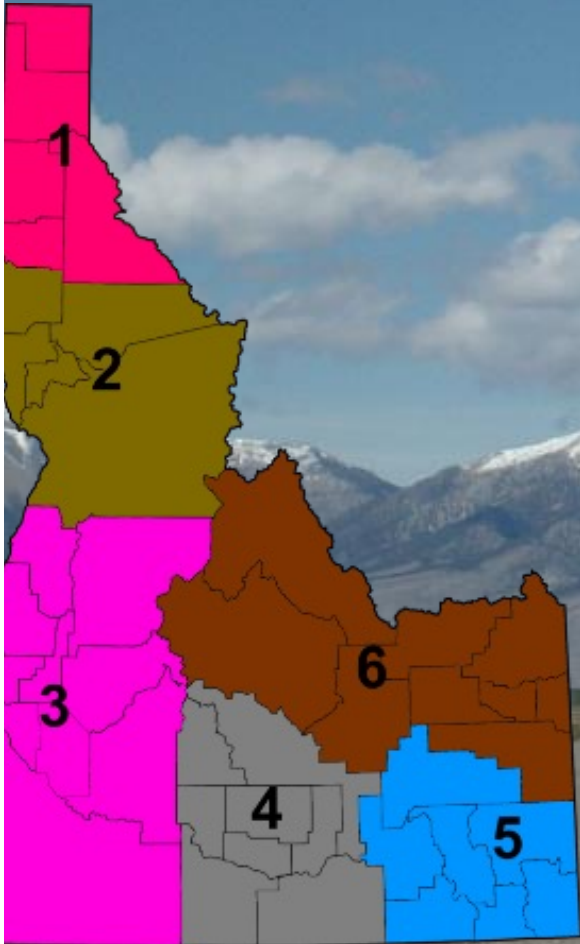
A Little About the Idaho Transportation Department





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- ~1560 Employees
- 6 Districts / Headquarters
- 2023 - \$1.06-billion In Construction
- \$100-million Bridge Program



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Michael Johnson, P.E.
State Bridge Engineer

Bridge Design

Melissa Hennessy, P.E.
Group 1 Design Leader

Shanon Murgoitio, P.E.
Group 2 Design Leader

Herbert McDowell, P.E.
Hydraulic Engineer
Technical Engr.

Elsa Johnson, P.E.
Bridge Designer
Technical Engr.

William Johnson, P.E.
Bridge Designer
Technical Engr.

Jared Levings, P.E.
Bridge Designer
Technical Engr.

Scott Litchfield, P.E.
Bridge Designer
Technical Engr.

Tony Azari, P.E.
Bridge Designer

Kyle Blackham
Bridge Designer

Andrew Pack, P.E.
Bridge Designer

Erl Sandeen
CADD

Grant Hogg, E.I.
Bridge Designer

Mike Garoutte
CADD

VACANT
CADD

VACANT
CADD

David Samuelson
CADD

Bridge Asset Management

Alan Buehrig, P.E.
Bridge Asset Management
Engineer

VACANT
Load Rating Engineer

Patty Fish
Project Manager

Jake Legler, P.E.
Bridge Special Projects
Technical Engr.

Dave Cuvelier, P.E.
Bridge Inspector

Lauren Graham, E.I.
Load Rating Engineer

Jack Irwin
Bridge Inspector

VACANT
Load Rating Engineer

Amy Bower
Bridge Inspector

VACANT
Load Rating Engineer

Seth Crawford
Bridge Inspector Trainee

VACANT
Database Manager

Victor Babychuk
Equipment Specialist

Planning

Mike Ebright, P.E.
Planning Engineer

Darren LaMay, P.E.
Planning Engineer



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Idaho's Bridge Inventory





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State Highway System

- 1835 Bridges
- 13.0-million SF of Deck Area

Local Highway System

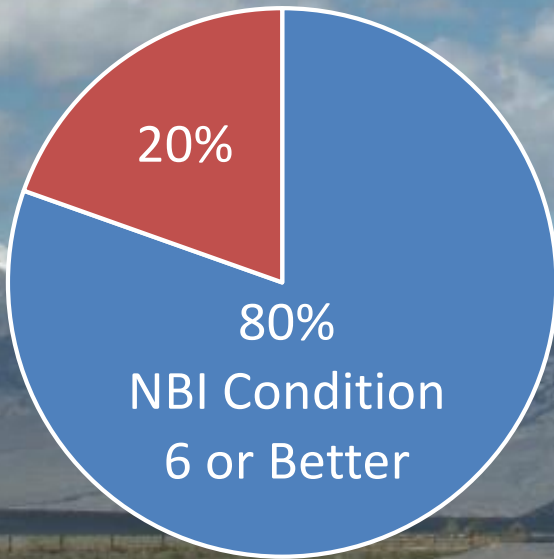
- 2515 Bridges
- 6.5-million SF of Deck Area



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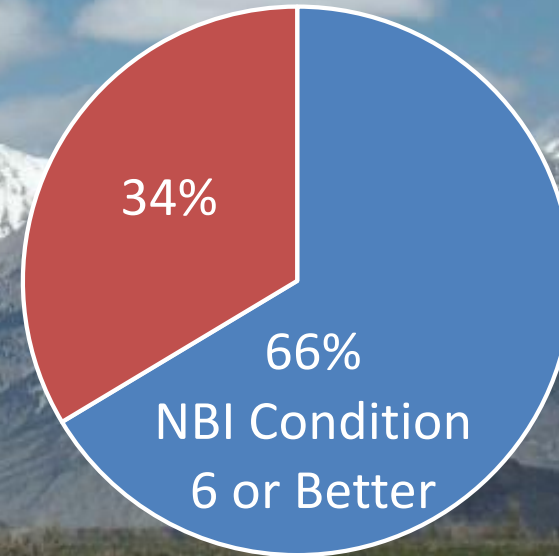
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2023 State Bridge Condition



State Bridge Condition Based
On 13.0-million SF Of Bridge Area

2023 Local Bridge Condition



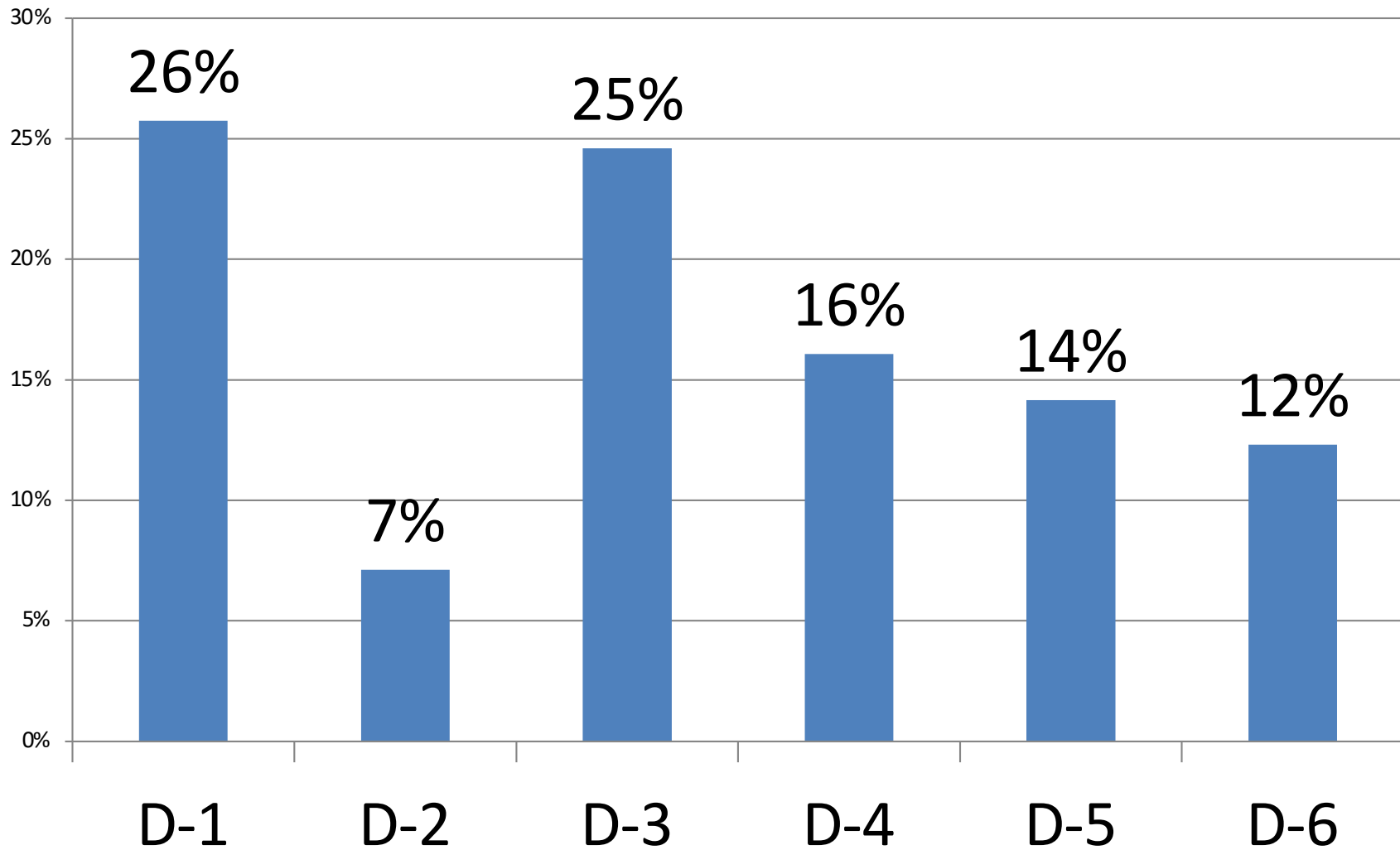
Local Bridge Condition Based
On 6.50-million SF Of Bridge Area

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BRIDGE AREA BY DISTRICT

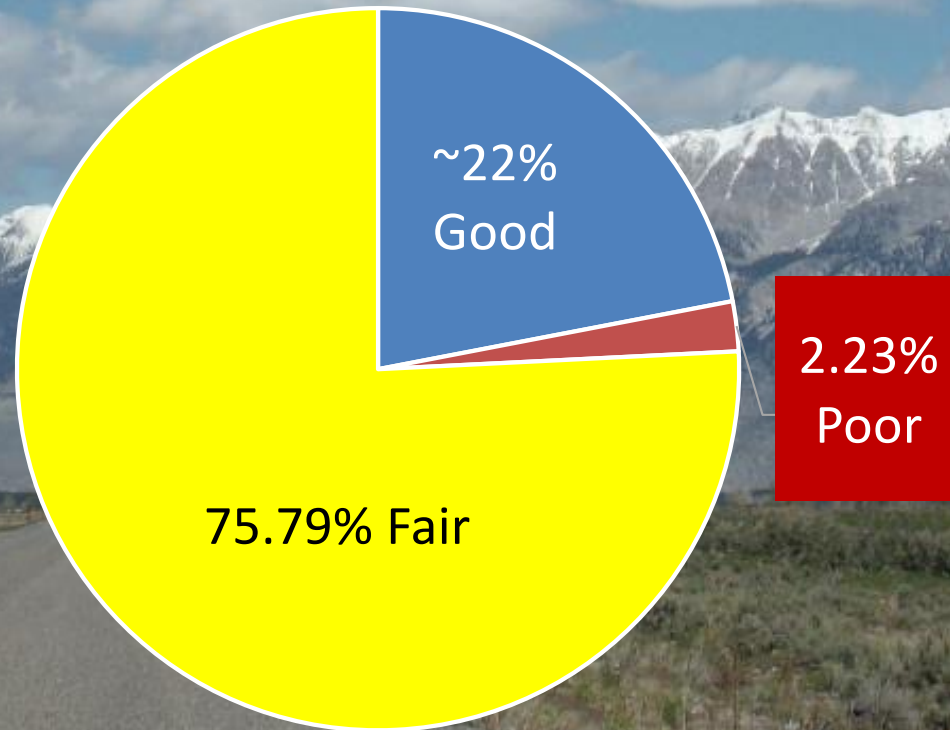




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2023 NHS
Bridge Condition



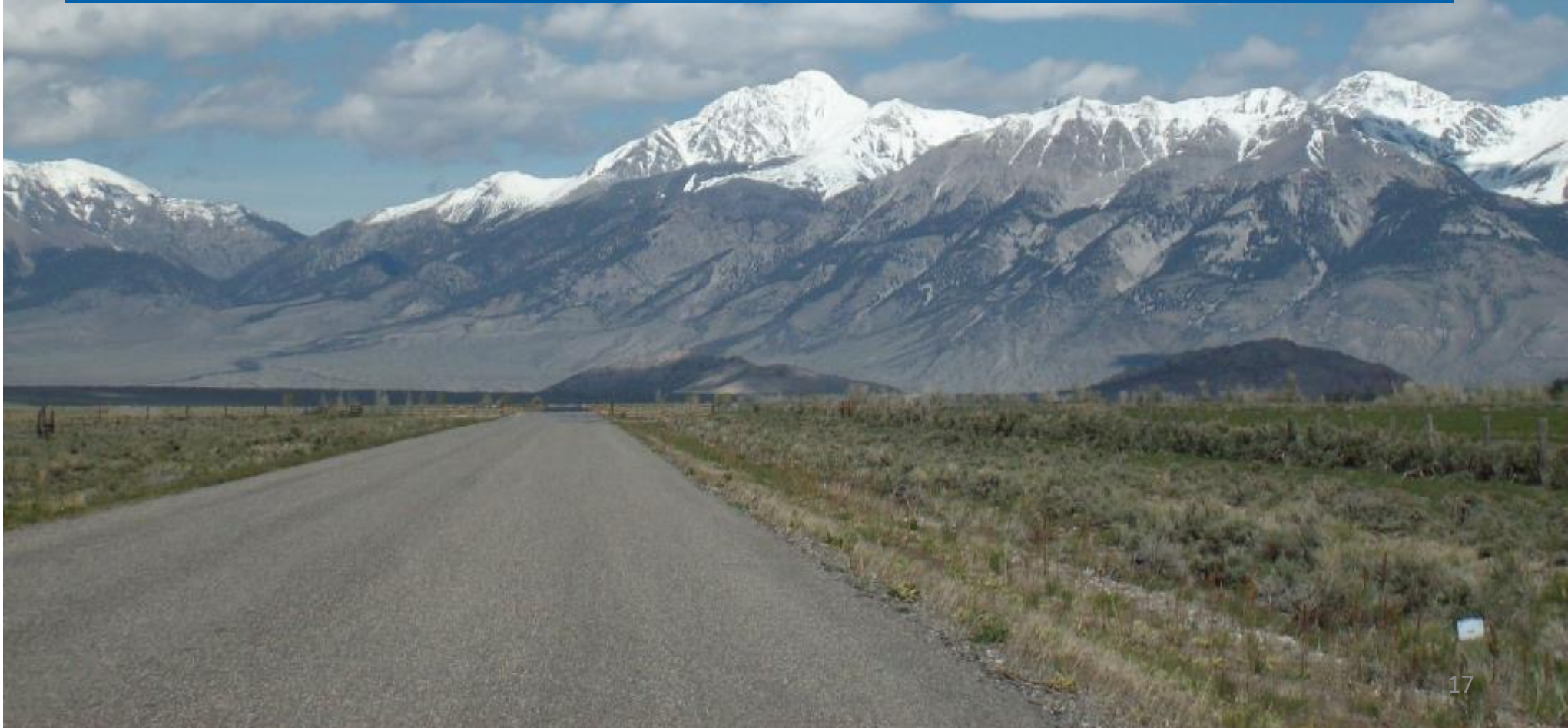
Idaho NHS Bridges



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Notable Bridges In Idaho



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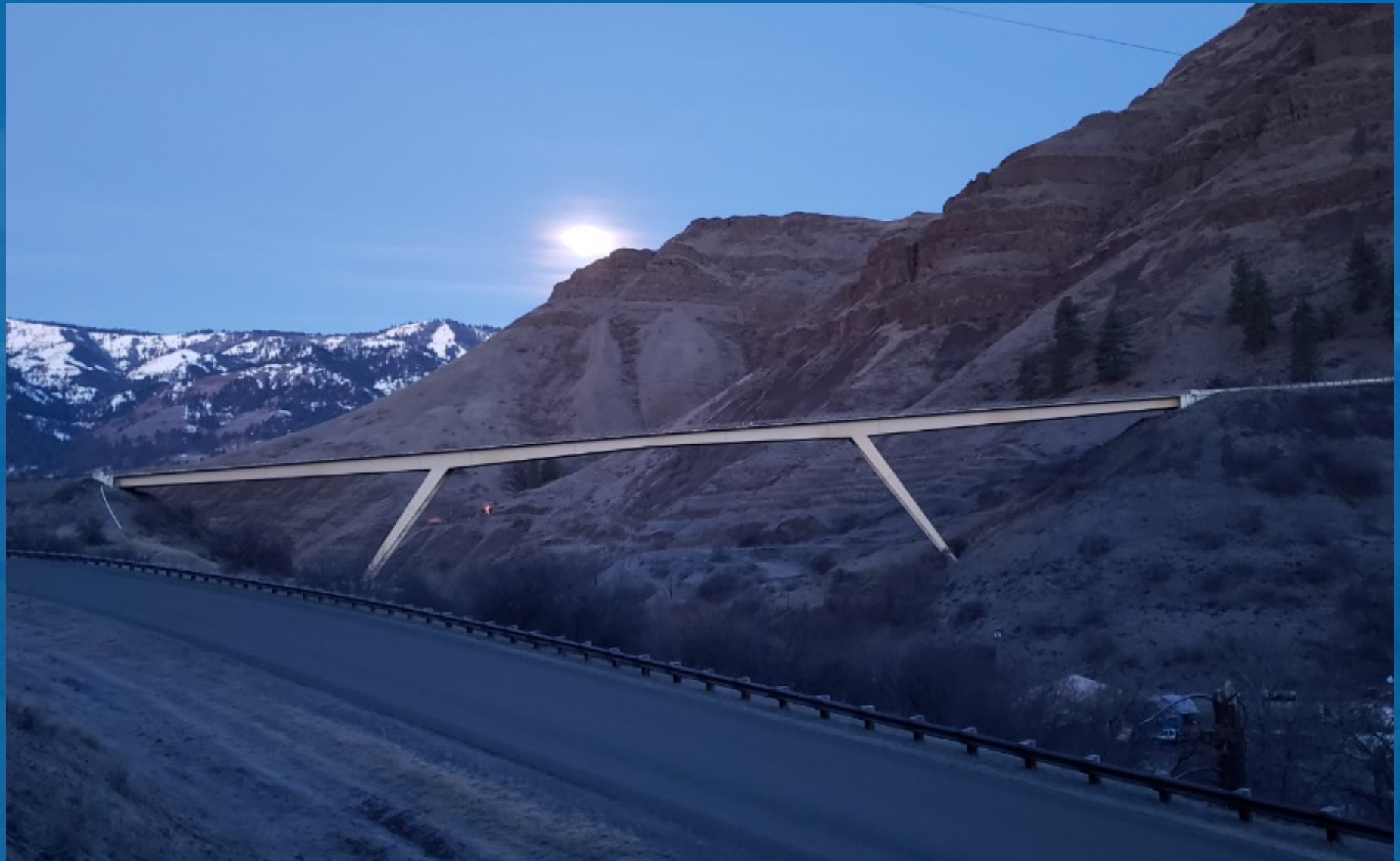
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Things To Do Around Boise





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Things To Do Around Boise

Boise = Boy See (There is no “Z” in Boise)



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