

# Pine River Bridge to County C Richland Center – Hillsboro Richland County

Virtual Public Involvement Meeting Richland County, WI Spring 2023



# Project agenda

- Project location
- Project purpose
- Possible alternatives
- Preferred alternative
- Project summary
- Schedule
- Contact information



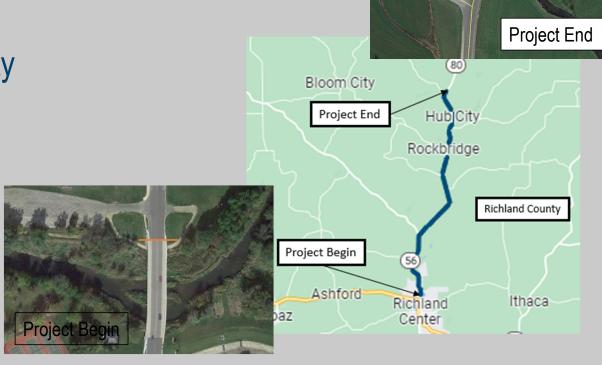






# **Project location**

- WIS 80, Richland County
- Southern limits:
  - Pine River Bridge in **Richland Center**
- Northern limits:
  - County C















# **Project purpose**

#### **Pavement deterioration**



# Safety: guardrail replacement



















## **Project purpose Safety: structure replacement**

- Structure B-52-012
  - Built in 1956
  - Deteriorated components























### Possible alternatives

#### Roadway

- No build no improvements, routine maintenance. Does not address project purpose.
- Resurface with preventative work (preferred alternative) – mill and overlay the pavement with safety upgrades.
- Reconstruction meets project purpose but has higher cost than the preferred alternative.

#### Structures

- No build does not address deteriorated structure elements.
- Rehabilitate B-52-012 structure elements have enough deterioration this would be a short-term fix.
- Replace B-52-012 (preferred alternative).
- Rehabilitate B-52-053/B-52-108/B-52-130 (preferred alternative).
- Replace B-52-053/B-52-108/B-52-130 meets project purpose but has higher cost than the preferred alternative.



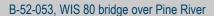




# **Project purpose**

## Safety: structure rehabilitations







B-52-108, WIS 80 bridge over Pine River



B-52-130, WIS 80 bridge over Pine River



















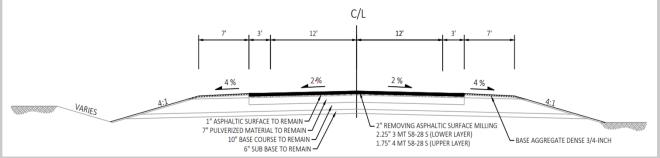




#### **Preferred alternative**

#### Resurface WIS 80, replace & repair structures

- Mill 2-inches off existing surface, pave new asphalt
- Replace/adjust guardrail
- Replace B-52-012
- Repair B-52-053, B-52-108, B-52-130
- Traffic will be flagged while working on the roadway















## **Replace B-52-012**

 Location: 0.6 miles north of County BR over the Pine River

 Preferred alternative is to detour traffic during the replacement to limit environmental impacts and the cost of the temporary structure







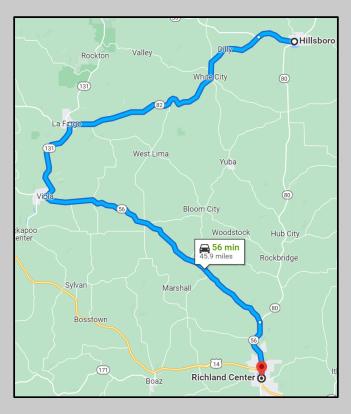


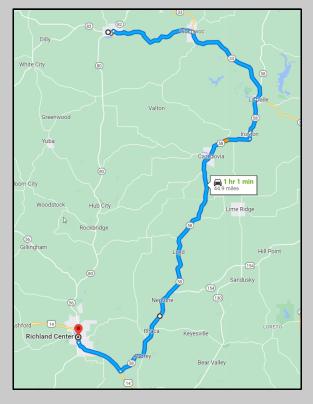




## Possible detour routes for B-52-012 Replacement

**Richland Center WIS 80 WIS 56 WIS 131 WIS 82** Hillsboro

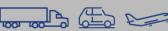




**Richland Center USH 14 WIS 58 WIS 33 WIS 82** Hillsboro



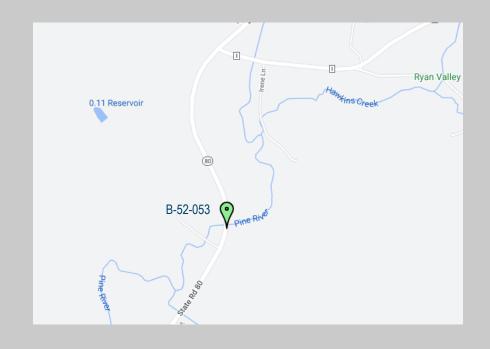




## **Repair B-52-053**

- Concrete surface repair and addition of riprap to address scour
- Temporary signals will be used during repairs







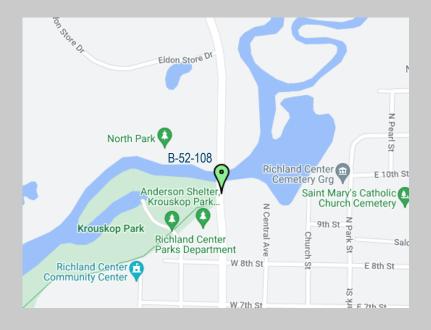




## **Repair B-52-108**

- Deck repair, concrete surface repair, repair damaged bridge rail, and crack repair in girders
- Temporary signals will be used during repairs











## **Repair B-52-130**

- Repair slab edge, deck repair, and concrete surface repair
- Temporary signals will be used during repairs











## **Project summary**

- Access maintained to all properties and businesses
- WIS 80 will remain open to traffic during roadway improvements
- Temporary lane closures utilizing flaggers will be in place during roadway improvements
- Single lane closures utilizing a temporary signals to control traffic will be used for structure rehabilitation work
- A detour will be signed, or a temporary bypass road and structure will be used for the replacement of the bridge B-52-012 over Pine Creek between County BR and County SR









## **Schedule**

**Final Plans:** 

May 2027

**Preliminary Design and Environmental Process Complete:** 

**Preliminary Summer 2023 Design Began:** 

**Summer 2022** 

**Construction:** 

Currently scheduled for 2029

May occur as early as 2028





















## **Contact information**

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