



Big Bridge Maintenance

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Agenda

- ▶ What is a Big Bridge?
- ▶ Condition
- ▶ Template Budget
- ▶ Projects

What is a Big Bridge?

- ▶ Deck Area over 100,000 Square Feet
- ▶ Movable
- ▶ Unique Design



Big Bridge Distribution

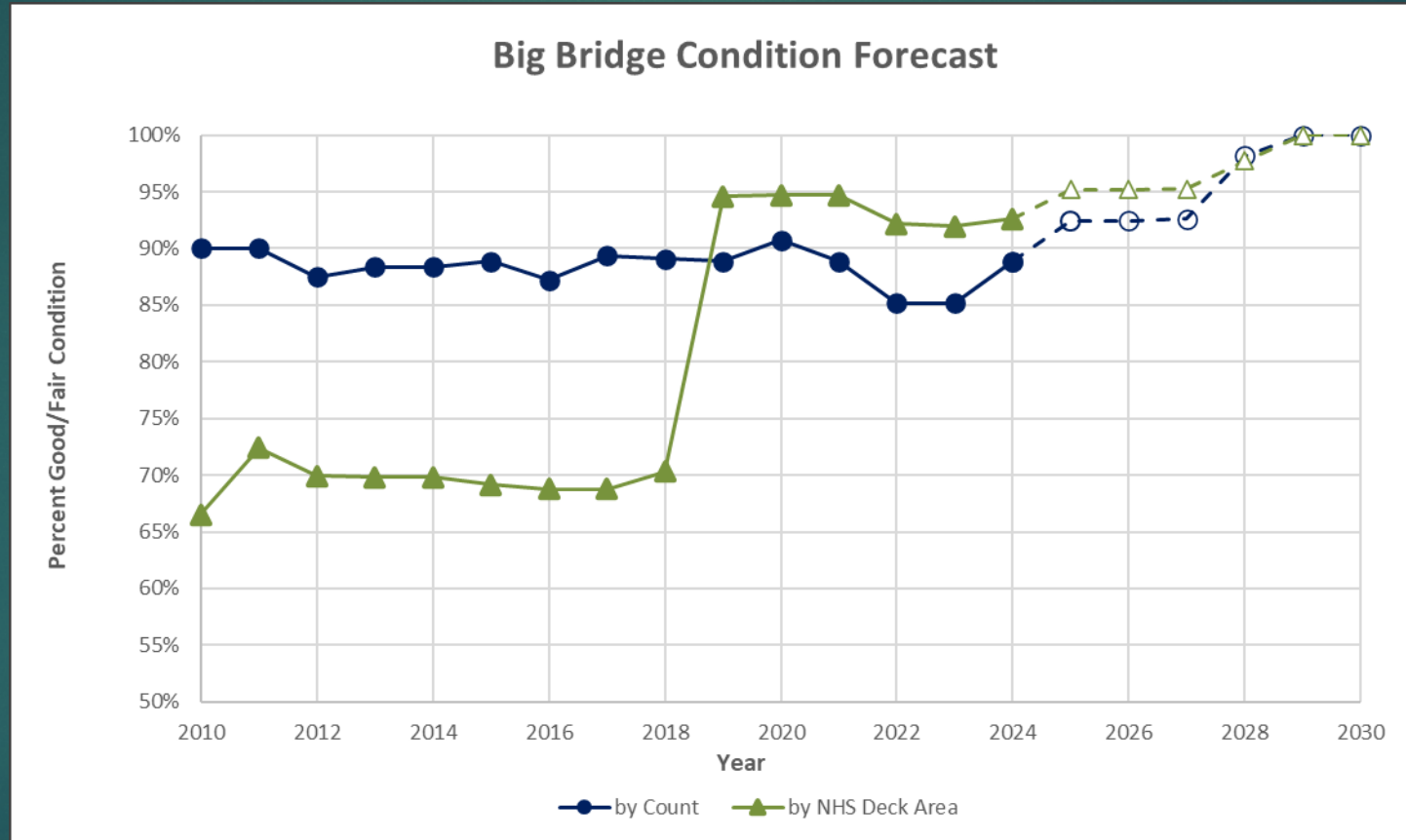
Type

- ▶ 21 Large Deck Area
- ▶ 12 Movable
- ▶ 21 Unique

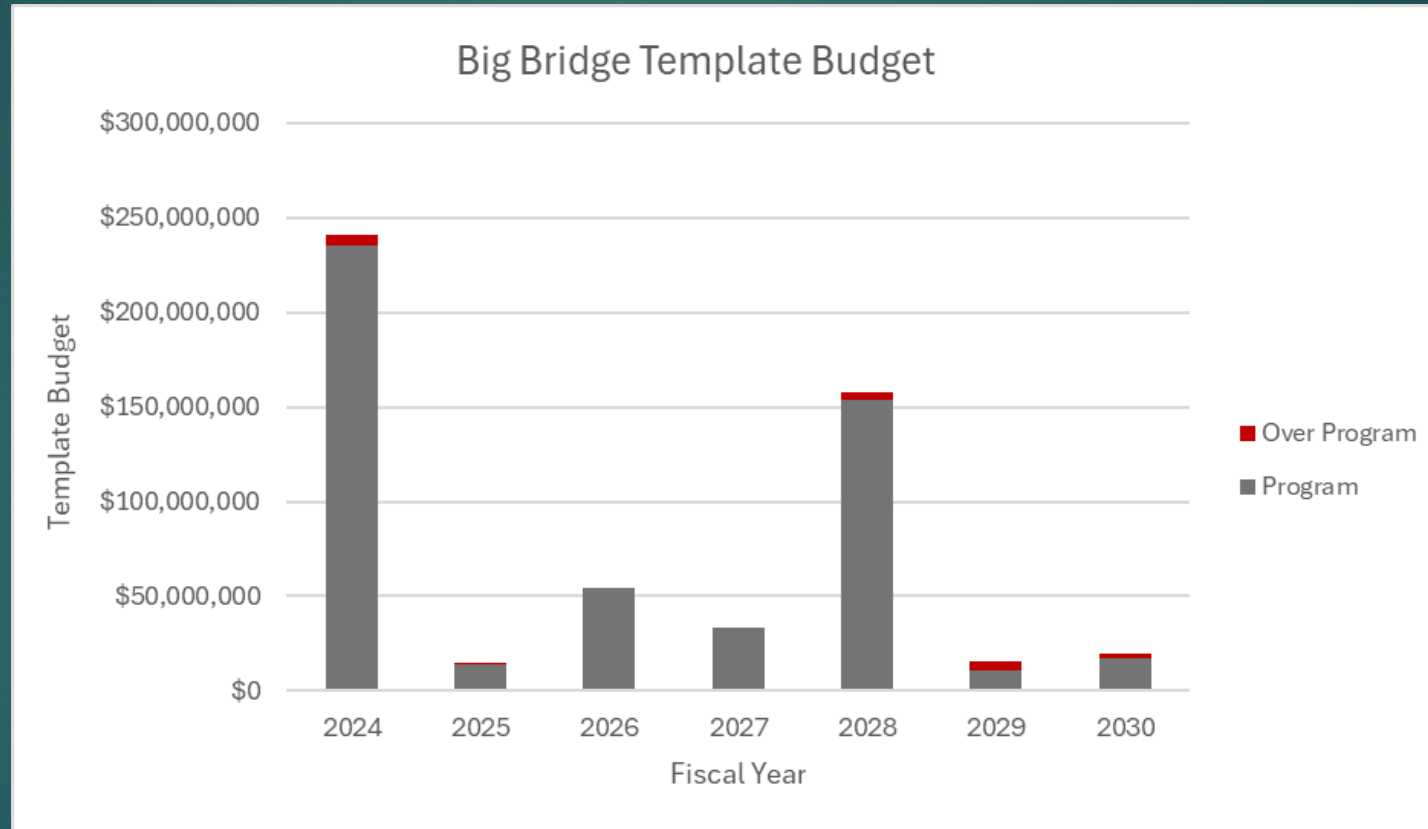
Region

- ▶ 12 Bay
- ▶ 7 Grand
- ▶ 17 Metro
- ▶ 6 North
- ▶ 2 Southwest
- ▶ 9 Superior
- ▶ 1 University

Big Bridge Condition



Big Bridge Template Budget





Current Projects

Lafayette Bridge Replacement

- ▶ \$128 Million Budget
 - ▶ \$73 M BIP Grant
 - ▶ \$815K AID Grant
- ▶ Start Date: December 2024



I-75 over Rouge River Rehab

- ▶ \$47 Million Budget
 - ▶ Substructure Repairs
 - ▶ Epoxy Overlay
 - ▶ CPM



I-696 Plaza Superstructure Replacement

- ▶ \$46 Million Budget
 - ▶ \$22M Reconnecting Communities Grant
- ▶ Replace Superstructure



Other Projects

- ▶ Fort Street Bridge - CPM
- ▶ Zilwaukee Bridge
 - Healer Sealer and CPM
- ▶ Bicentennial Bridge
 - Refurbish Hydraulic Cylinders
- ▶ I-696 over I-75
 - Epoxy Overlay, Deck Patching, Substructure Repair, CPM



2025

- ▶ M-39 Ramps over I-94 – Rehabilitation
- ▶ M-26 over Eagle River – Waterproofing Membrane
- ▶ Veteran's Memorial Bridge – Substructure Repair



2026

- ▶ Houghton Lift Bridge - Deck Replacement
- ▶ Military Street - Rehabilitation
- ▶ M-231 over Grand River – Epoxy Overlay



2027

- ▶ US-23 over Ocqueoc River – Rehabilitation

- ▶ CPM

- ▶ M-28 over Ontonagon River
- ▶ US-41 over Sturgeon River
- ▶ I-94 over Black River
- ▶ M-65 Ped Over Ausable River
- ▶ Portage and Ashmun Bridges
- ▶ I-196 over Grand River
- ▶ US-131 NB S-Bend Structure



2028

- ▶ I-75 over River Raisin – Bridge Replacement
 - ▶ \$136 Million Budget
 - ▶ Corridor Project
 - ▶ \$196 M INFRA grant
- ▶ CPM
 - ▶ Bagley Pedestrian Bridge
 - ▶ US-131 over Muskegon River
 - ▶ Eight Mile Road over M-10
 - ▶ Cheboygan Bascule Bridge
 - ▶ US-131 SB S-Bend Structure



2029

- ▶ Veteran's Memorial Bridge - Rehabilitation
- ▶ Cut River Bridge - CPM



2030

- ▶ CPM
 - ▶ M-63 over Ontonagon River
 - ▶ I-94 over Telegraph Road





Questions