



Poured concrete footers



Cut-off wall



Sometimes weather does not cooperate



Tight spaces for cranes



Completed installment



Formed up wing walls



Waterproofing



Completed project



Aerials??



Precast Concrete Boxes



100 year old stone arch



Cut-off footer poured
and bedding placed

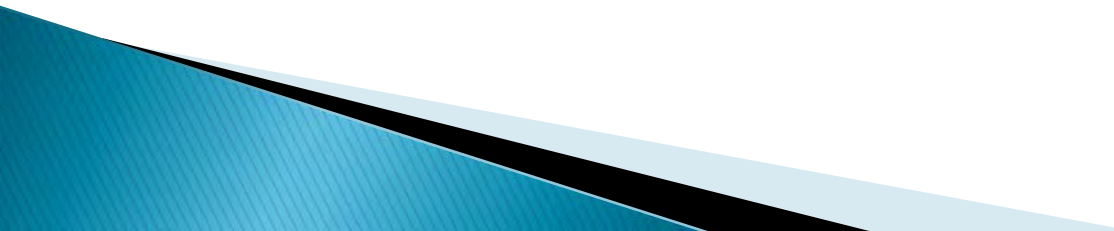


Grouted between new
and old



Block headwall
We also poured the blocks

Where we go from here

- ▶ Bridges built in the 70's already in need of repair or replacement.
 - ▶ Prestressed box beams beginning to show deterioration on outside beams.
 - ▶ Precast culvert boxes starting to leak
 - ▶ Multi-plates rusting on the bottom
 - ▶ Corrugated decking in need of replacement
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Replace on existing Abutments



Built in 1980



New Beams in 2012

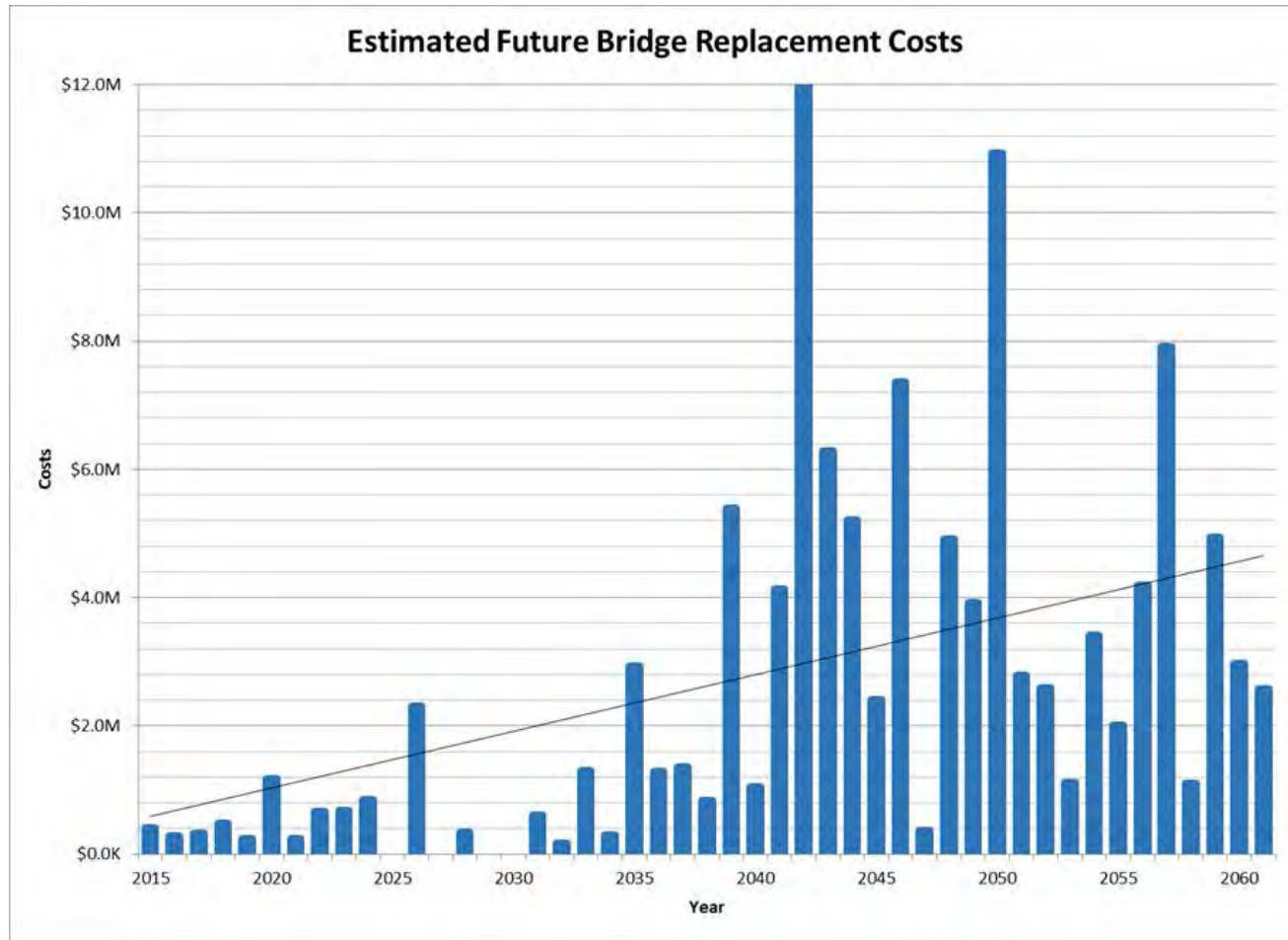


Retrofitting Railing



How not to remove beams !

Future Needs



Questions

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