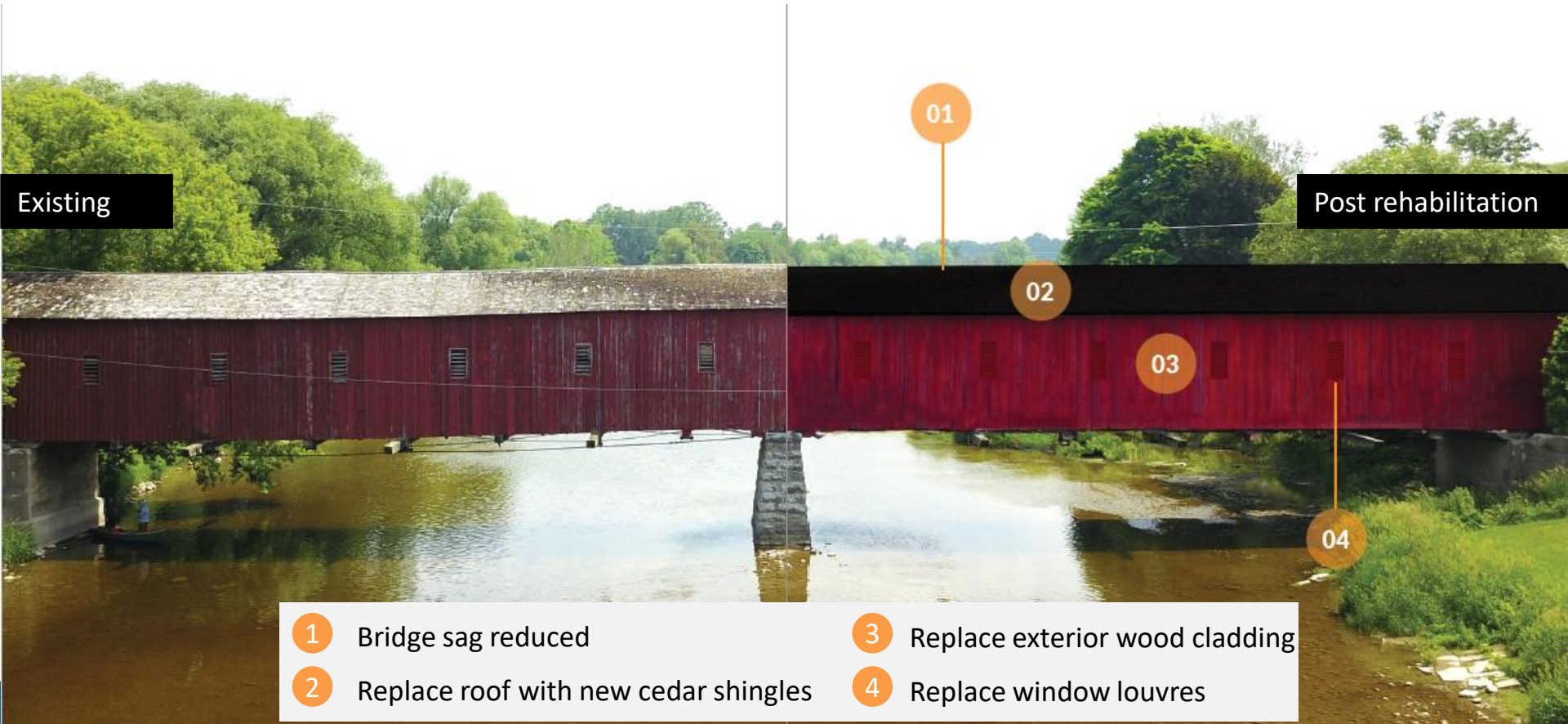
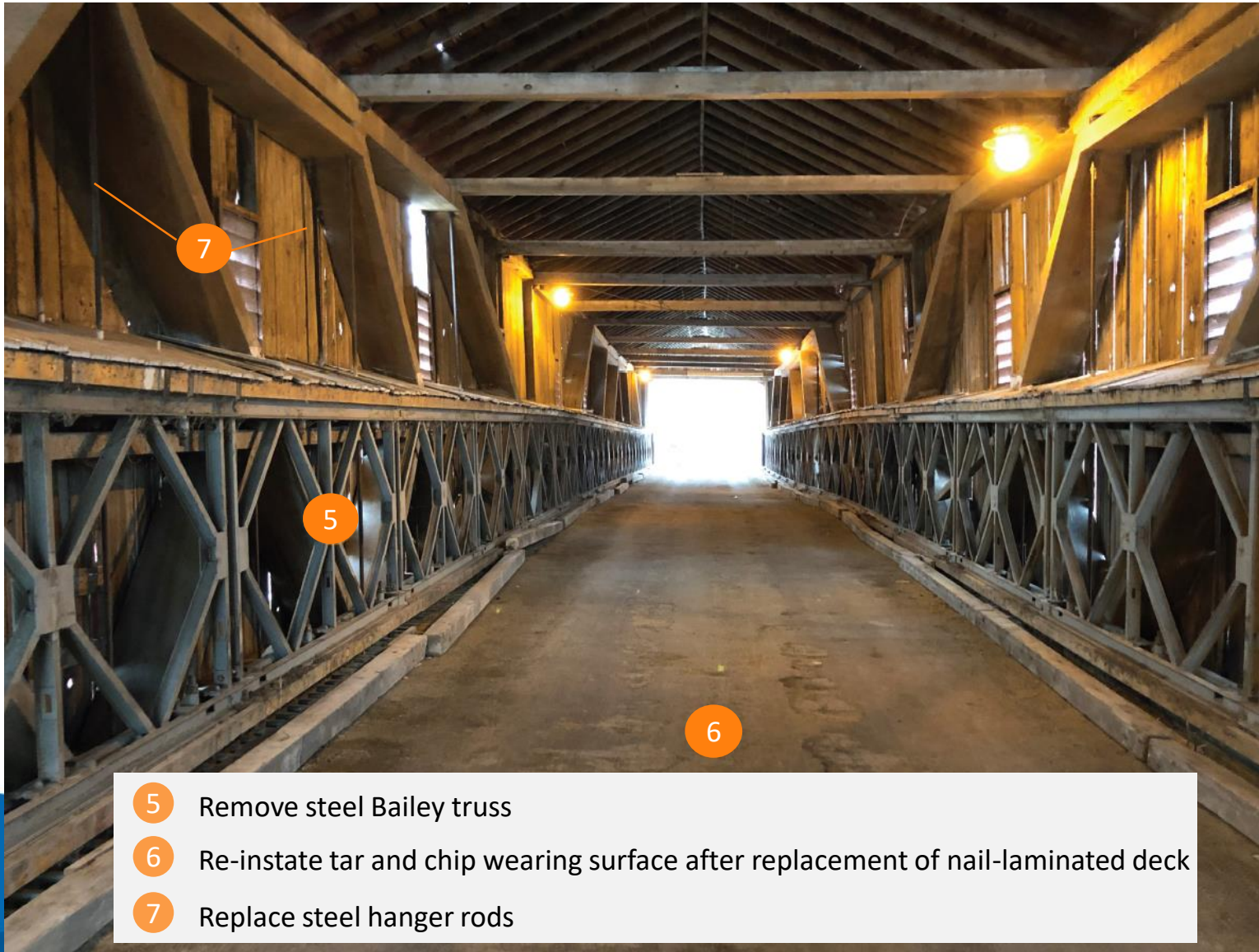


## Recommended Rehabilitation Alternative



# Recommended Rehabilitation Alternative



- 5 Remove steel Bailey truss
- 6 Re-instate tar and chip wearing surface after replacement of nail-laminated deck
- 7 Replace steel hanger rods

# Recommended Rehabilitation Alternative



- 8 Replace rafters as necessary
- 9 Replace tie beams as necessary
- 10 Replace wood curbs
- 11 Replace light bulbs as necessary

# Recommended Rehabilitation Alternative



- 12 Replace needle beams
- 13 Replace floor beams
- 14 Repairs to center pier
- 15 Replace sway bracing

# Recommended Rehabilitation Alternative



16 Replace stringers

17 Replace nail-laminated deck

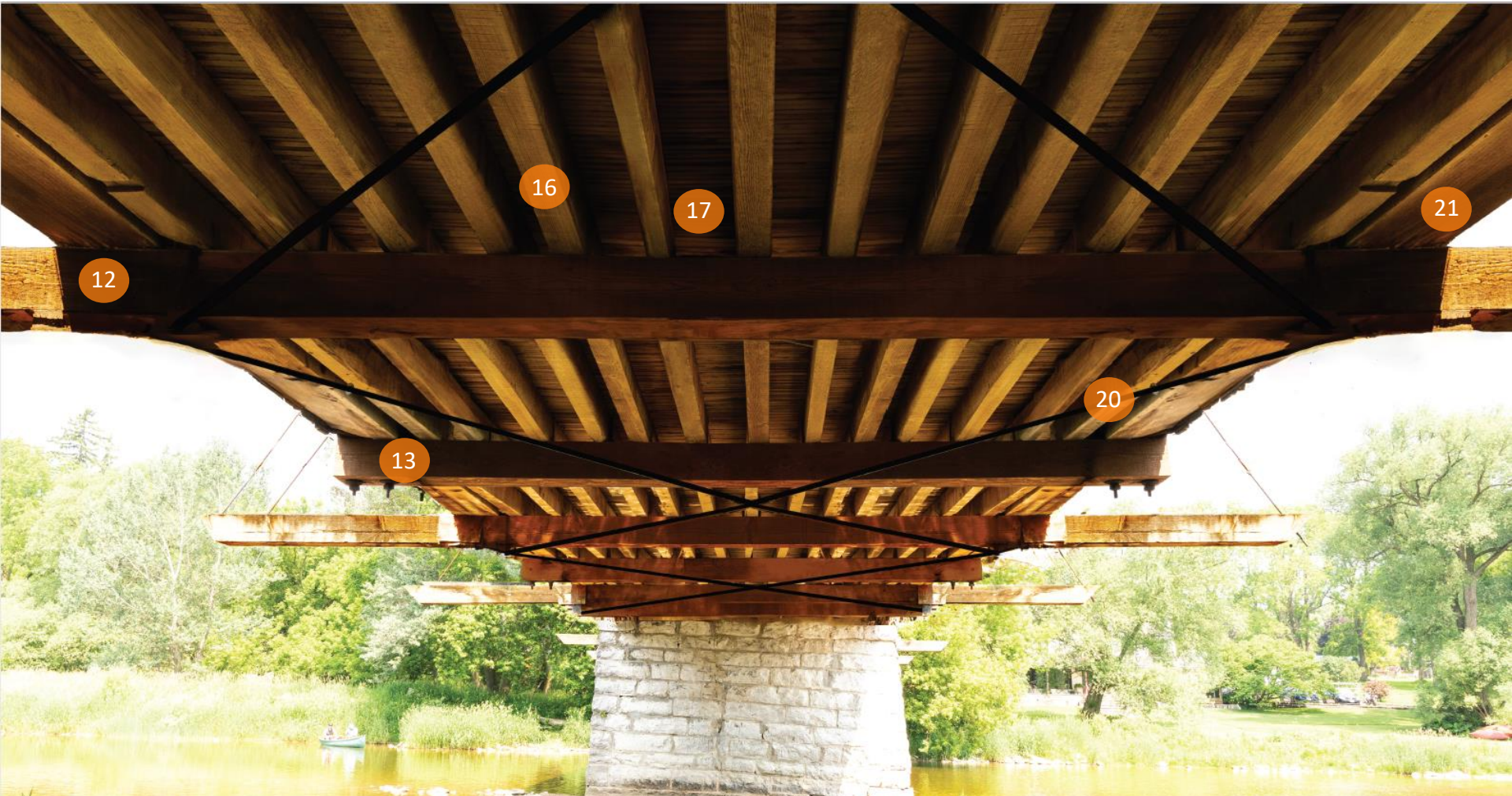
18 Remove Bailey truss hanger system

19 Remove non-functioning tension rods (1959)

20 Replace bottom lateral bracing

21 Replace bottom chords

# Recommended Rehabilitation Alternative








- 12 New Douglas Fir 16"x16" needle beams
- 13 New Douglas Fir 16"x16" floor beams
- 16 New sawn wood stringers
- 17 New nail-laminated wood deck
- 20 New steel rod cross-bracing
- 21 New Douglas Fir bottom chords

# Recommended Rehabilitation Alternative

- 22 Concrete repairs to bridge abutments
- 23 Bridge deck elevation and approach grades will remain the same
- 24 Height restriction bar to prevent oversized vehicles from using the bridge
- 25 Fire retardant materials applied to various bridge elements

## 3 tonne posted load limit to be maintained

	✓ Small Cars, SUVs, Horse & Buggies	1 - 3 tonnes
	✓ ✗ Pick-up Trucks	1.7 – 3.5 tonnes
	✗ EMS Vehicles	4 - 8 tonnes
	✗ School Bus/Small Truck	6 - 12 tonnes
	✗ Large truck	13+ tonnes

# Height Restriction Bar - North Approach



\*Details to be finalized with the input of an architect



# Recommended Rehabilitation Alternative



26 Replace end diagonals at pier and strengthen end diagonals at abutments

27 New overhead wood lateral bracing

28 New timber guiderail

# Recommended Rehabilitation Alternative



29

29 Reinforce top chord with lower top chord

# Recommended Rehabilitation Alternative



30

30

Reinstate interior cladding in short sections at each end of the bridge