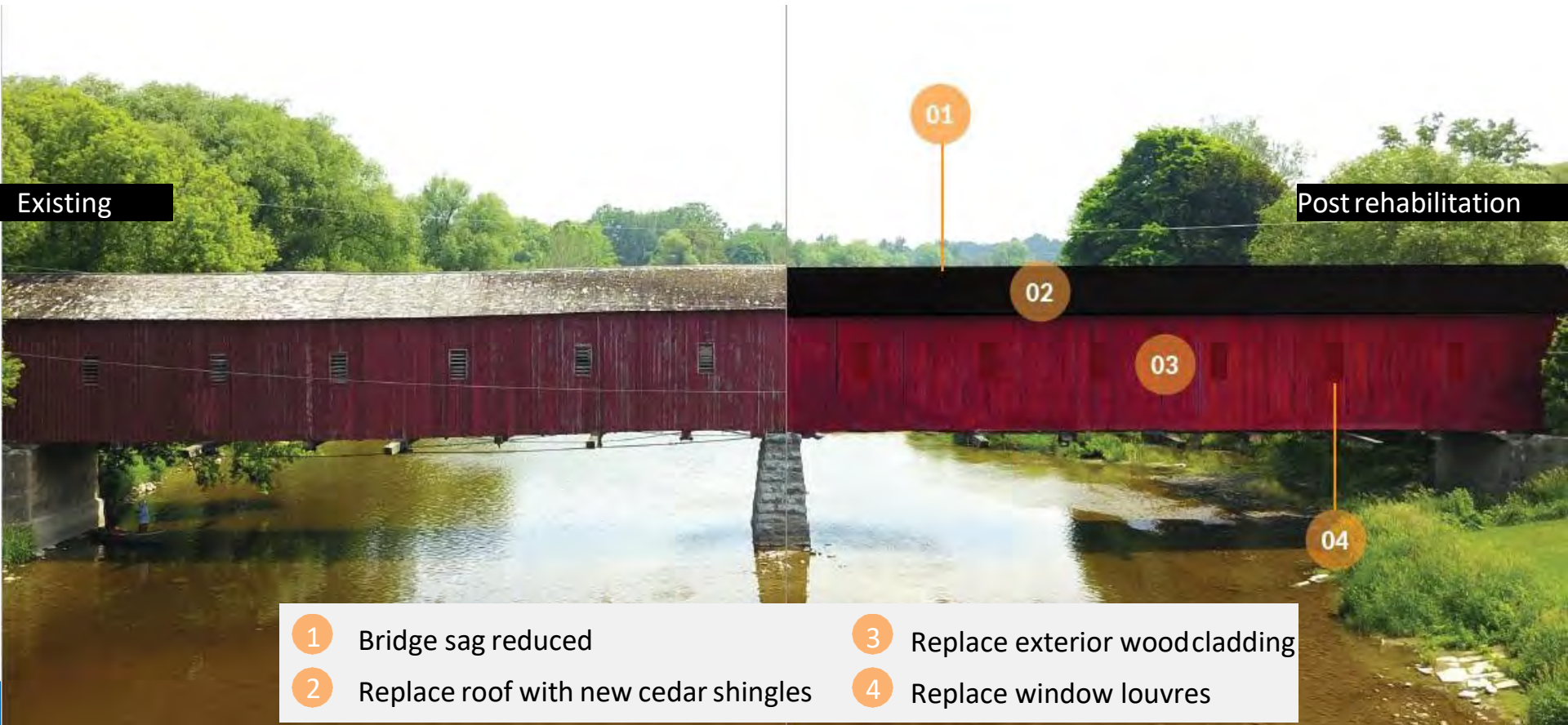
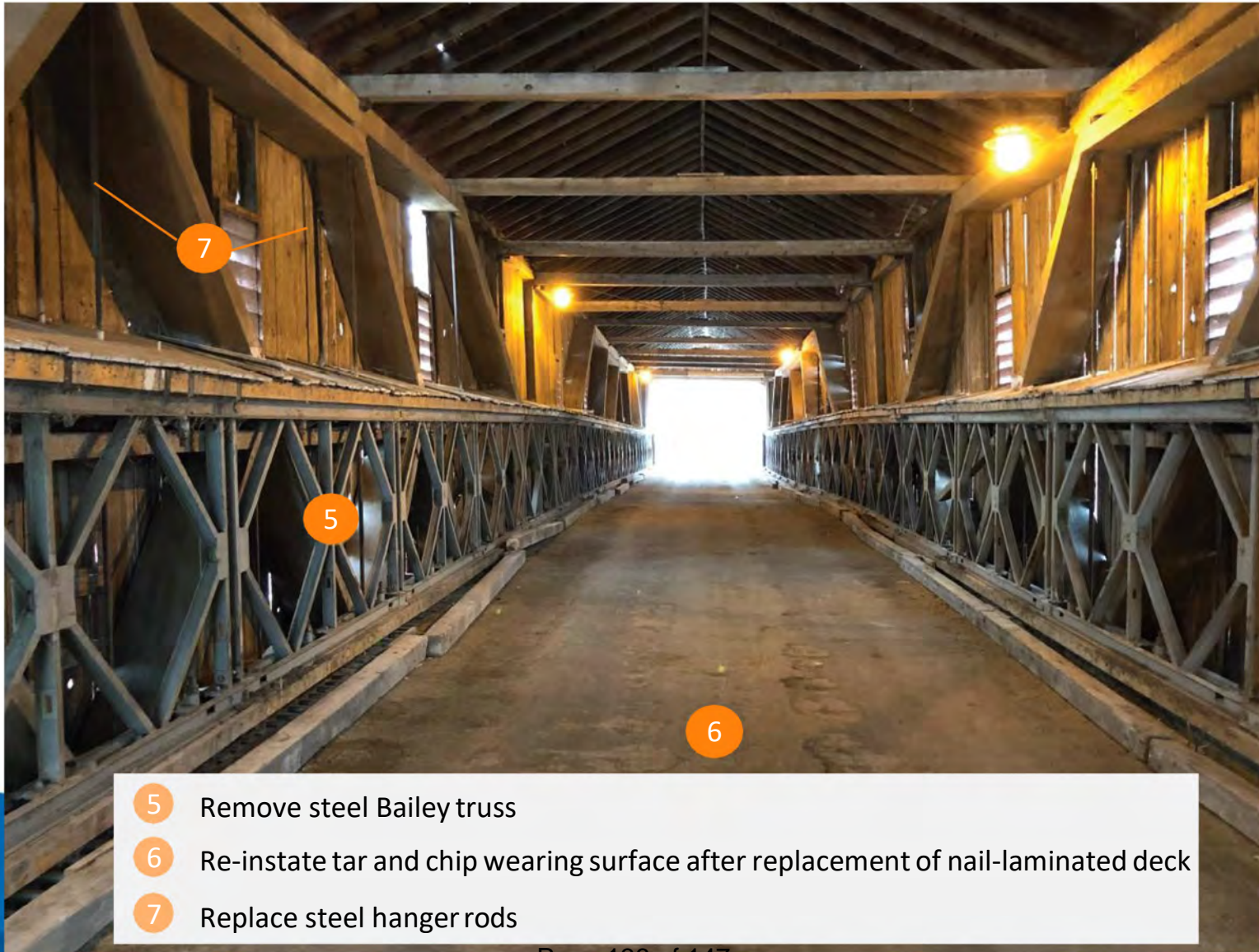


Recommended Rehabilitation Alternative



Recommended Rehabilitation Alternative



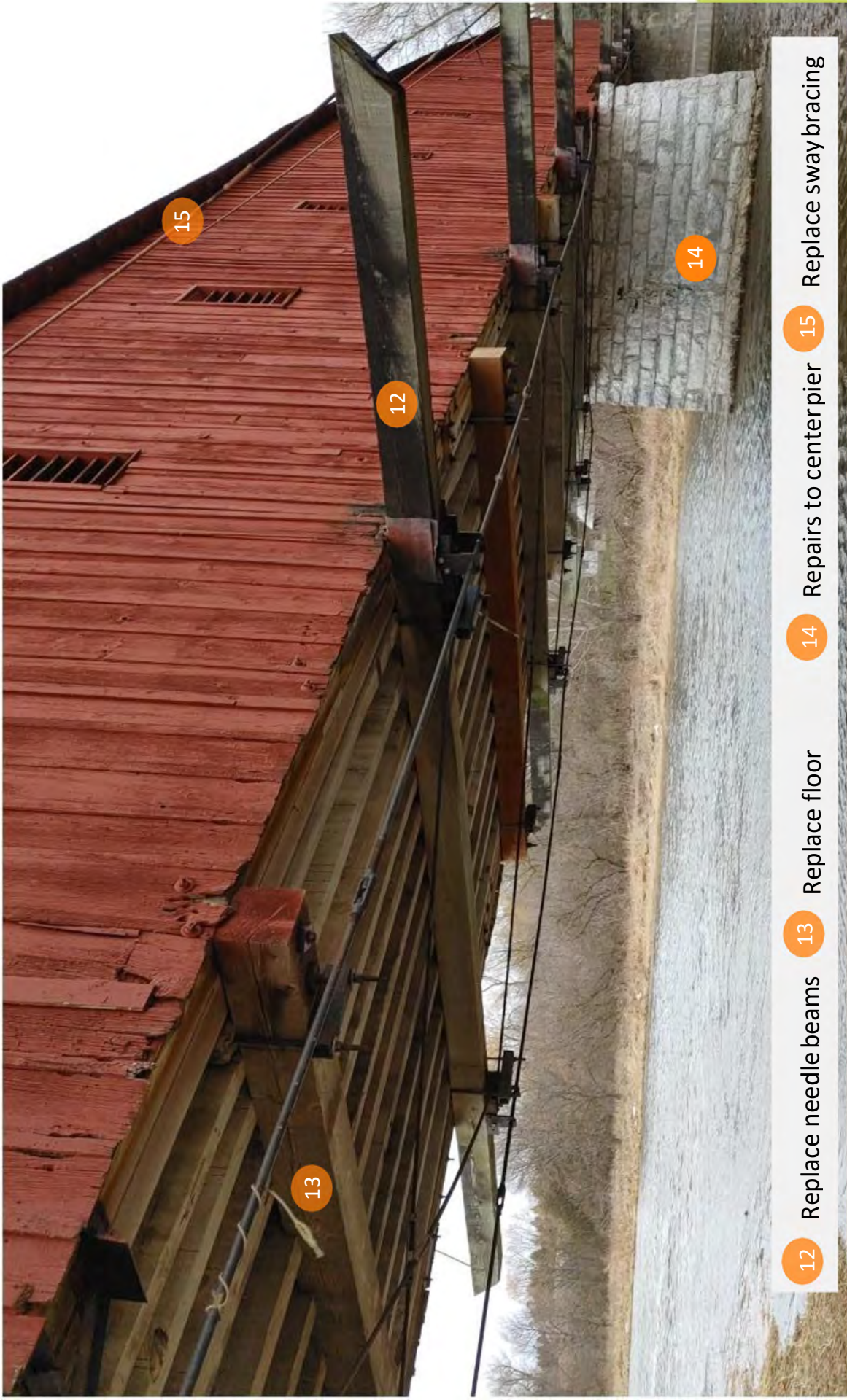
- 5 Remove steel Bailey truss
- 6 Re-instate tar and chip wearing surface after replacement of nail-laminated deck
- 7 Replace steel hanger rods

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

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
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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

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



COVERED BRIDGE DRIVE

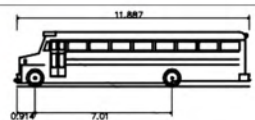
LETSON DRIVE

RIVERS EDGE DRIVE

NO HEAVY VEHICLES
CARS ONLY
BEYOND THIS POINT



School Bus is Unable to Make a Turn onto the Bridge



School Bus	
Overall Length	11.887m
Overall Width	2.438m
Overall Body Height	2.762m
Min Body Ground Clearance	0.178m
Track Width	2.438m
Lock-to-lock time	5.00s
Curb to Curb Turning Radius	11.765m

