



OFF-SYSTEM TRUSS BRIDGES

ROUTINE MAINTENANCE SUGGESTIONS

• BEST PRACTICES FOR ROUTINE MAINTENANCE •

SUGGESTIONS

SCHEDULE

DO:

Use silane concrete sealer to protect concrete substructure elements of the bridge.	As needed.
Patch concrete decks; however, do not cover deck joints.	As needed.
Replace individual timber runner boards and timber decking material with wood boards.	As needed.
Clean connections and bearings with high pressure water spray to prevent rust.	Annually.
Clean debris from substructure to prevent scour.	Annually.
Remove climbing vegetation from abutment and wingwalls.	Annually.
Trim or remove vegetation from approach roadway.	Annually.
Remove vegetation from utility lines attached to the bridge.	Annually.
Use silane concrete sealer on concrete wearing surfaces.	Every 2 to 3 years.
Consult with a structural engineer to replace timber decks.	Every 10 years.
Consult with a structural engineer to clean and paint the bridge.	Every 10 years.
Remove existing overlay before adding a new overlay.	Every 10 years.

DO NOT:

Use linseed oil on truss members, as this is a hazardous material.	N/A
Weld or bolt new members to the truss bridge.	N/A
Cover deck joints when applying a new overlay.	N/A
Replace turnbuckles.	N/A
Hang pipelines on a historic truss bridge as this adds weight to the bridge.	N/A
Repair mortar on masonry abutments and wingwalls with concrete.	N/A