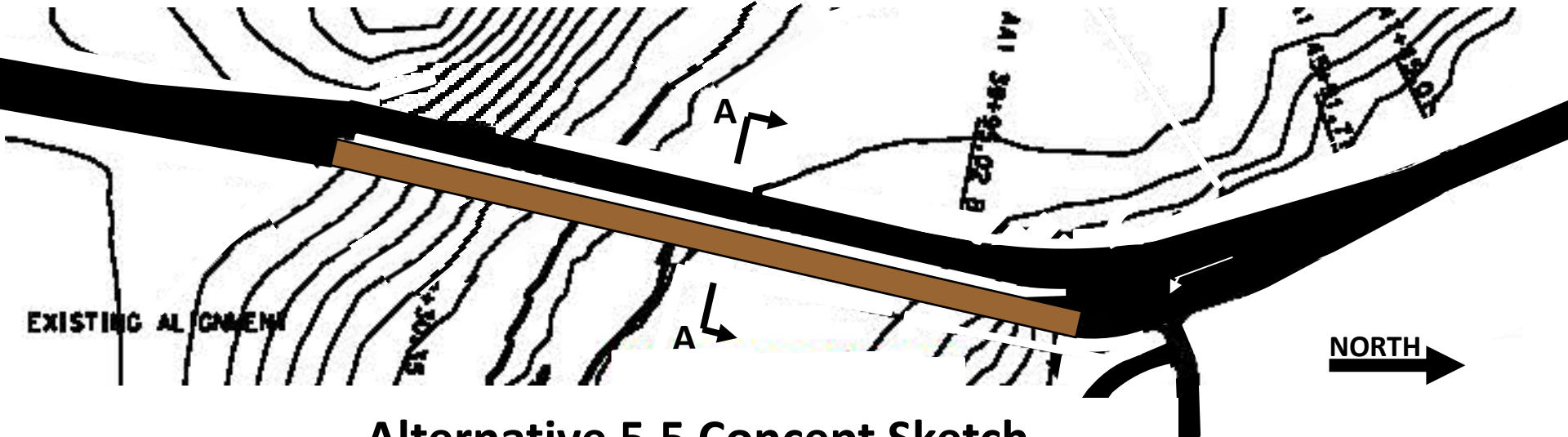


# **PROPOSED ALTERNATIVE TO SAVE THE EXISTING BRIDGE**

HECKEROTH  
SEPTEMBER 2015

# Proposed Alternative for ALBION BRIDGE

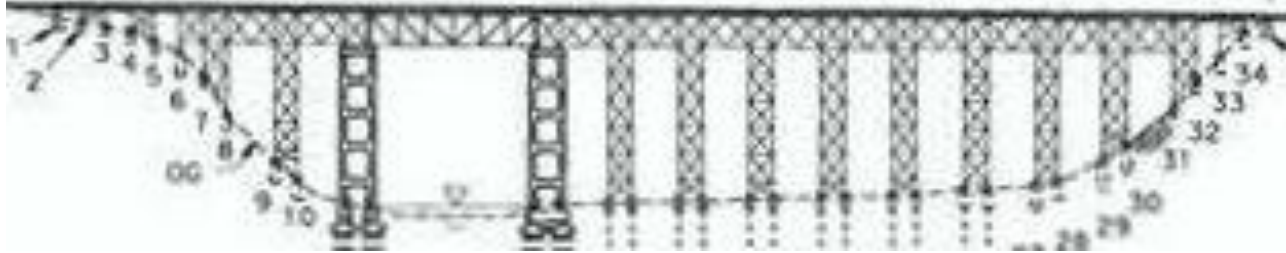
Rehabilitate Existing Bridge for use by northbound traffic and pedestrians and Construct New Box Girder Bridge west of existing bridge for use by southbound traffic and pedestrians



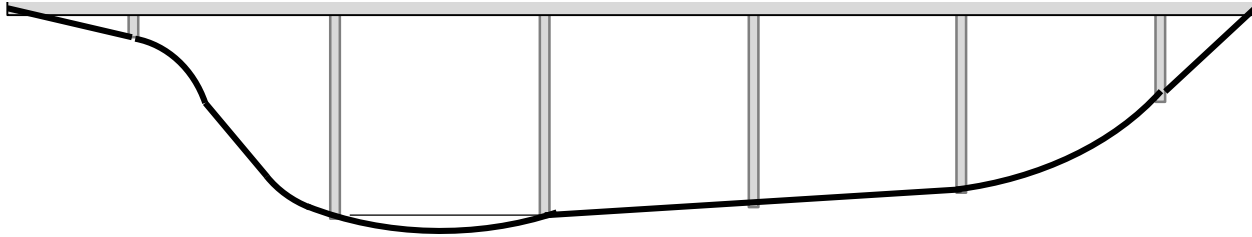
Alternative 5.5 Concept Sketch

-  New Box Girder Bridge
-  Historic Wood Bridge

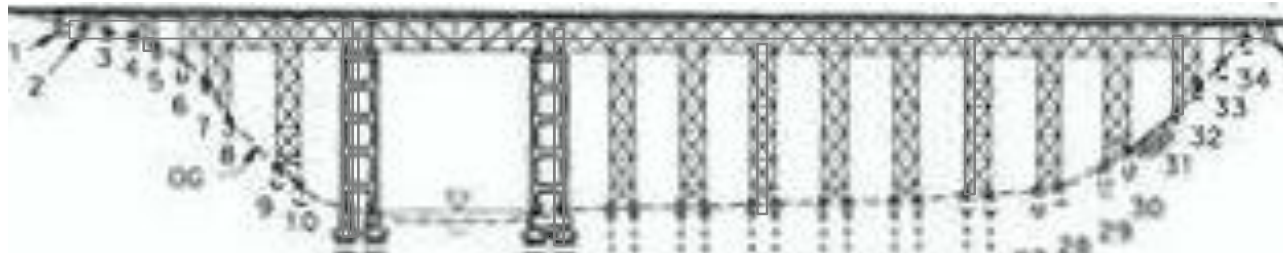
# EXISTING WOODEN BRIDGE



Reduce the height of the new bridge so the view from Albion and all parts east will remain unchanged



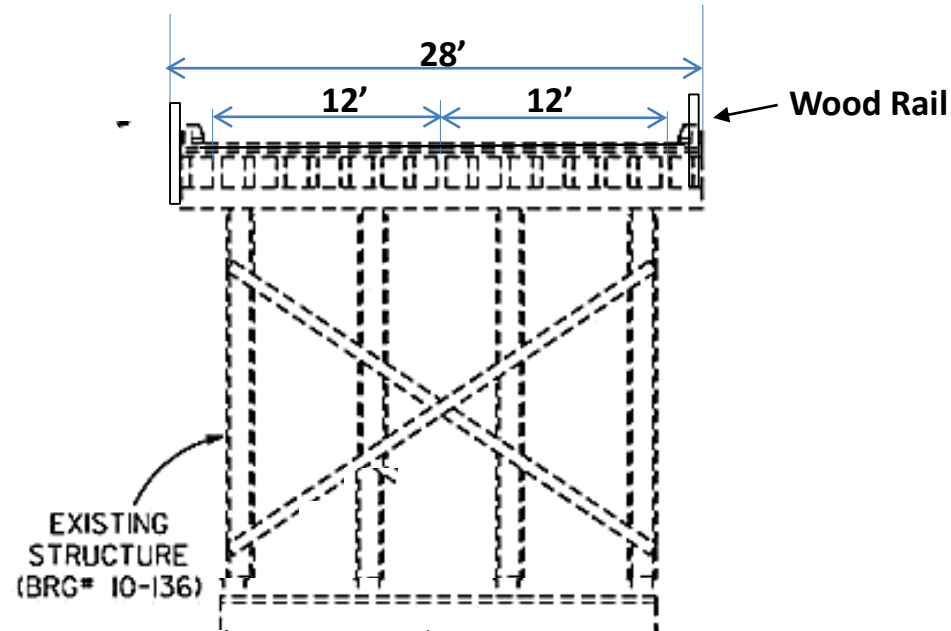
# NEW CONCRETE BOX GIRDER BRIDGE WEST OF OLD WOODEN BRIDGE



# HISTORIC VIEW OF ALBION BRIDGE MAINTAINED IN PERPETUITY

# Phase 1

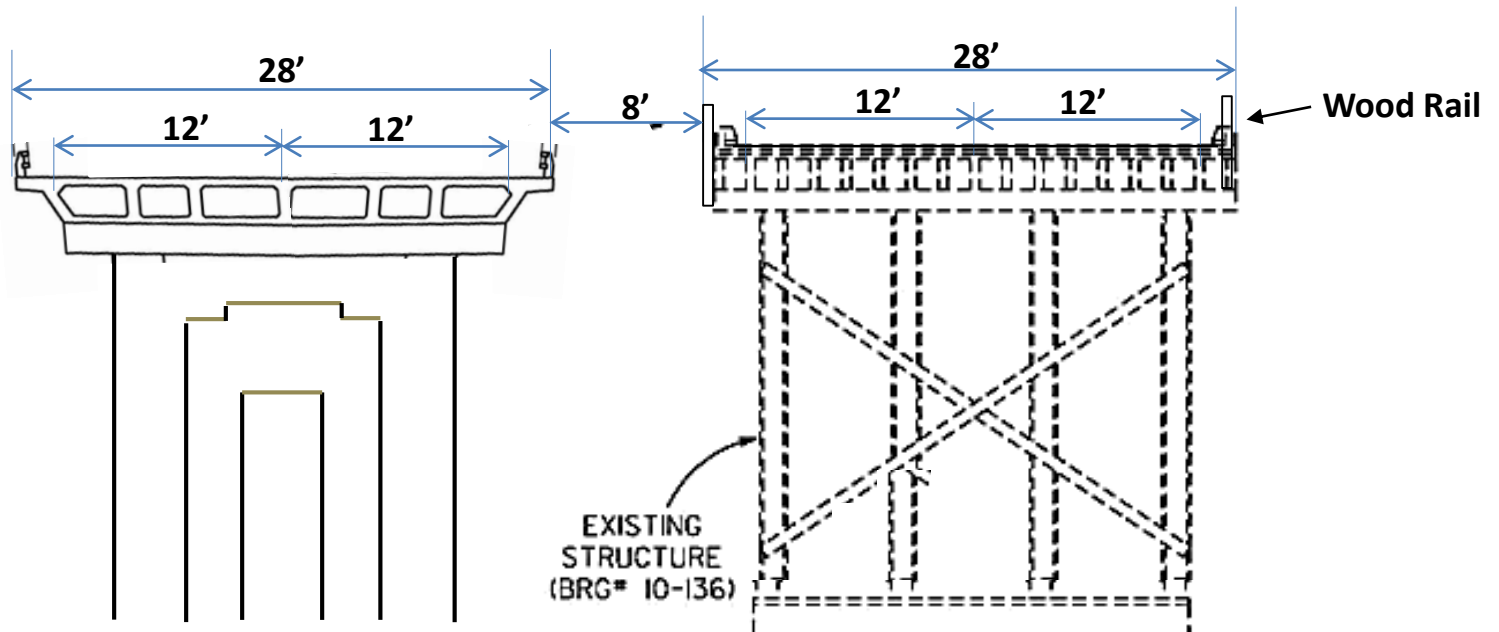
Earthquake upgrade, Re-surface deck, Replace sub-standard hardware and timbers



Section A:A

# Phase 2

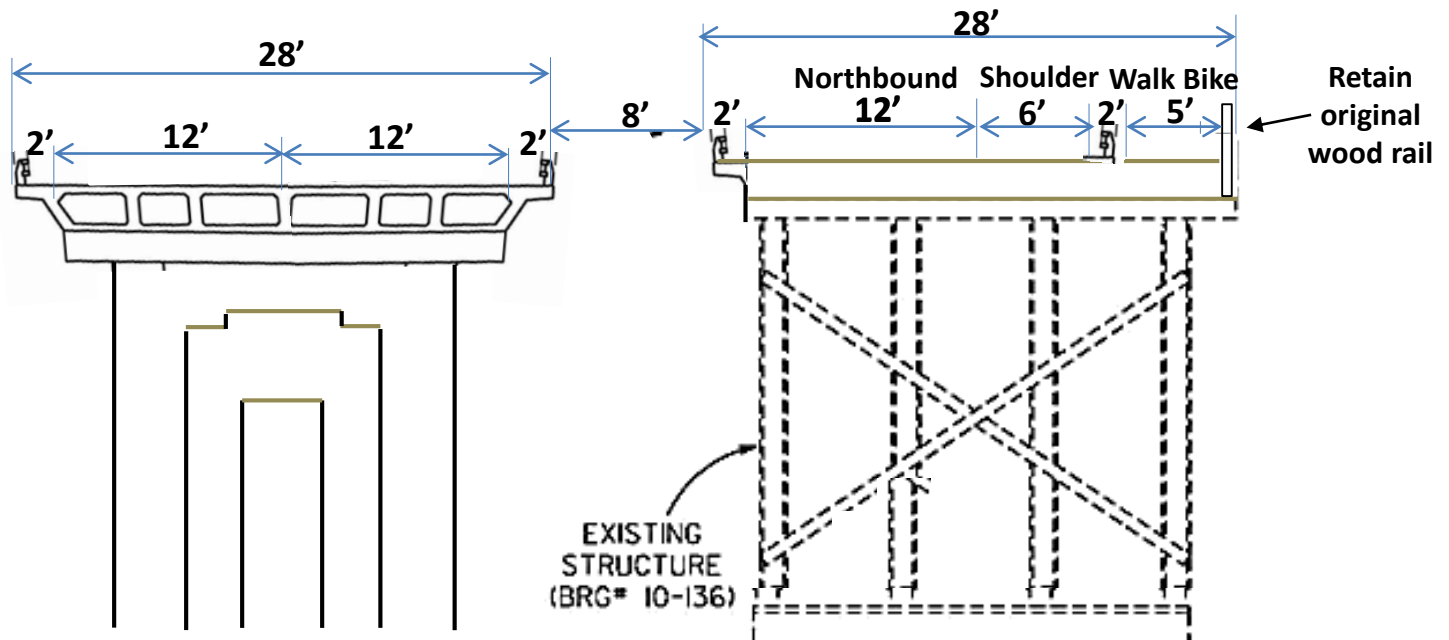
Continue to use upgraded original bridge while constructing new 28' wide concrete box girder bridge



Section A:A

# Phase 3

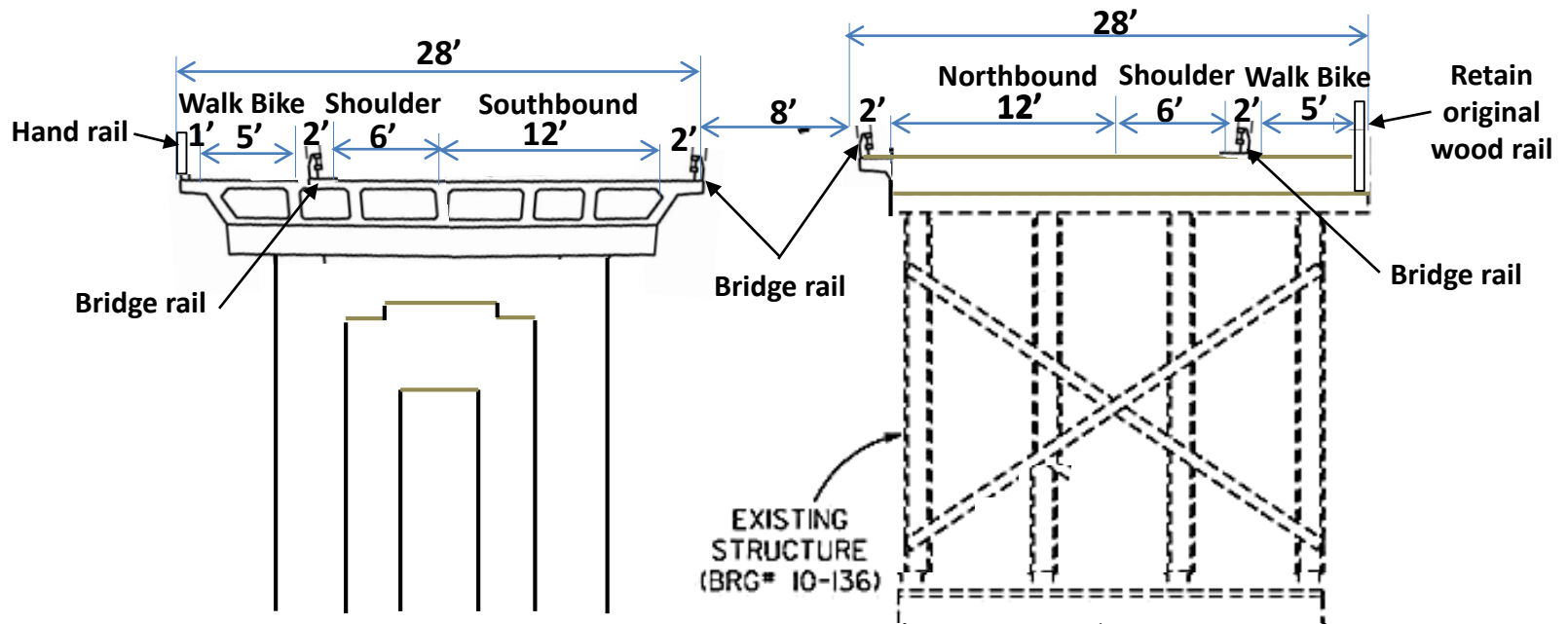
Use new 28' wide concrete box girder bridge for two way traffic while upgrading original wooden bridge with new center span steel truss & waterproof deck for northbound traffic and pedestrians



Section A:A

# Phase 4

Reconfigure new 28' wide concrete box girder bridge for southbound traffic and pedestrians



Section A:A

# ADVANTAGES

1. Two way traffic can use Existing Bridge while new bridge is under construction and when new bridge is completed it can support two way traffic while Existing Bride is reconstructed.
2. Change overs can be accomplishes in days without traffic delays instead of weeks, months or years.
3. Historic Albion Bridge is maintained in perpetuity as the north bound traffic pedestrian and bicycle connection between the town of Albion, Albion Flats and beyond.
4. If new bridge is lowered a few feet and the columns are in line with the old bridge columns the new bridge would be hidden from sight and the view from Albion and parts east will be unchanged.
5. If one of the bridges was damaged the other could be re-configured to accommodate two way traffic until the damage was repaired with minor interruption in traffic.