PROPOSED RECONSTRUCTION
OF
HARVARD BRIDGE
1919
The drawings show a permanent and handsome structure of stone and concrete, built at a minimum of expense. The present unsightly and unsafe bridge, is not destroyed but merely modified. It becomes the core of the new bridge. The easy grades of the old bridge and draw are not changed although the width of the bridge may be increased. The present alternating long and short spans are equalised.

Throughout the work of reconstruction, public traffic would not be interrupted. The present plank roadway facilitates the delivery and pouring of the new concrete arches and piers and will prove an important factor in keeping down the cost.

The island shown in these drawings, while not necessary to the design, would result in a saving in the cost of reconstructing the bridge.

The memorials shown on the drawings are entirely independent of the reconstruction of the bridge.

This reconstructed bridge was first projected in drawings and report made for the Metropolitan Improvement League, February 15th, 1910 by Robert P. Bellow and Ralph W. Gray.

The illustrated report on proposed island to Joint Board on Metropolitan Improvement Commission, Commonwealth of Massachusetts, 1911, pp. 100-103 by Robert P. Bellows and Ralph W. Gray goes into the subject in detail.
THE RECONSTRUCTION OF HARVARD BRIDGE

TOGETHER WITH

A MEMORIAL TO OUR SOLDIERS AND SAILORS

I

The Drawings show a permanent and handsome structure of stone and concrete, built at a minimum of expense. The present unsightly bridge is not destroyed but merely modified. It becomes the core of the new bridge. The piers of the old bridge and the draw are not changed. Although the width of the bridge may be increased, the old piers and planking are incorporated in the new piers. The piers are alternately long and short. Spans between the piers are equalized. Throughout the work of reconstruction public traffic would not be interrupted. The present plank roadway of the bridge which is easily taken up facilitates the delivery and pouring of the new concrete. Arches and piers will prove an important factor in keeping down the cost.

The reconstruction is independent of any Basin Island scheme but lends itself to such an arrangement.

II

A fine War Memorial at the Boston end of Harvard Bridge could be built independently or as a part of any

Reconstruction of the Bridge proper. As presented on the drawings, the new planking and masonry do not encroach on the roadway or sidewalks of the existing bridge which would remain open for traffic during the period of construction.

The Memorial takes the form of two triumphal columns and at the base of each a commemorative building to enshrine War Records, Cenotaphs, Trophies and Inscriptions.

These small buildings are inspired by the Temple of Victory on the Acropolis at Athens. The size and scale of the original is applicable without change to the dual treatment symbolizing the Army and Navy. It creates a place of pilgrimage in honor of our brave soldiers and sailors and provides a fitting entrance to the City of Boston.
LIST OF DRAWINGS

DRAWINGS PREPARED IN 1910 FOR THE METROPOLITAN IMPROVEMENT LEAGUE (NO. 1 TO 5 INCLUSIVE) AND FOR THE JOINT BOARD ON METROPOLITAN IMPROVEMENTS COMMISSION, STATE OF MASSACHUSETTS (NO. 6)

1. The Present Harvard Bridge
2. Reconstructed Harvard Bridge
3. Perspective Views of the Reconstructed Bridge
4. Pictures of Bridges Similar to the Proposed Bridge
5. Schemes Bearing on the Future Development of the Basin
6. Proposed Island in Charles River Basin

DRAWINGS OF THE RECONSTRUCTION OF HARVARD BRIDGE SUPERSEADING THE EARLIER SCHEME AND INCORPORATING THE WAR MEMORIAL

1. The Present Harvard Bridge
2. Reconstructed Harvard Bridge
3. Plan of the War Memorial at the Boston End of the Bridge
4. Elevation of the War Memorial from the River

Frontispiece: Perspective of the War Memorial
PROPOSED RECONSTRUCTION OF THE HARVARD BRIDGE.

PROPOSED BRIDGE AT THE BOSTON SHORE
SHOWING WAR MEMORIAL BUILDINGS

SCALE OF 1 INCH = 100 FEET

19
RECONSTRUCTION OF HARVARD BRIDGE
UTILIZING PRESENT PIERS
RECONSTRUCTION OF HARVARD BRIDGE
UTILIZING PRESENT PIERS