

NORTHERN AVENUE BRIDGE

FORT POINT CHANNEL - BOSTON

A CANTILEVERED SPAN LINKS TWO BOX TRUSSES TO UPDATE A VITAL LINK TO THE SEAPORT

SKELETAL BOX TRUSSES MIMIC THE HISTORIC STRUCTURE RETAINING THE GRITTY INDUSTRIAL FEELING. THE CANTILEVERED SPAN IS SLENDER, QUIRKY AND MODERN

TWO DIFFERENT TYPES OF SPAN, A JUXTAPOSITION OF OLD AND NEW TO REPRESENT THE NEW DYNAMIC SEAPORT AND THE HISTORIC CITY OF BOSTON

EXPOSED MEMBERS ALLOW USERS TO ENGAGE WITH THE STRUCTURE

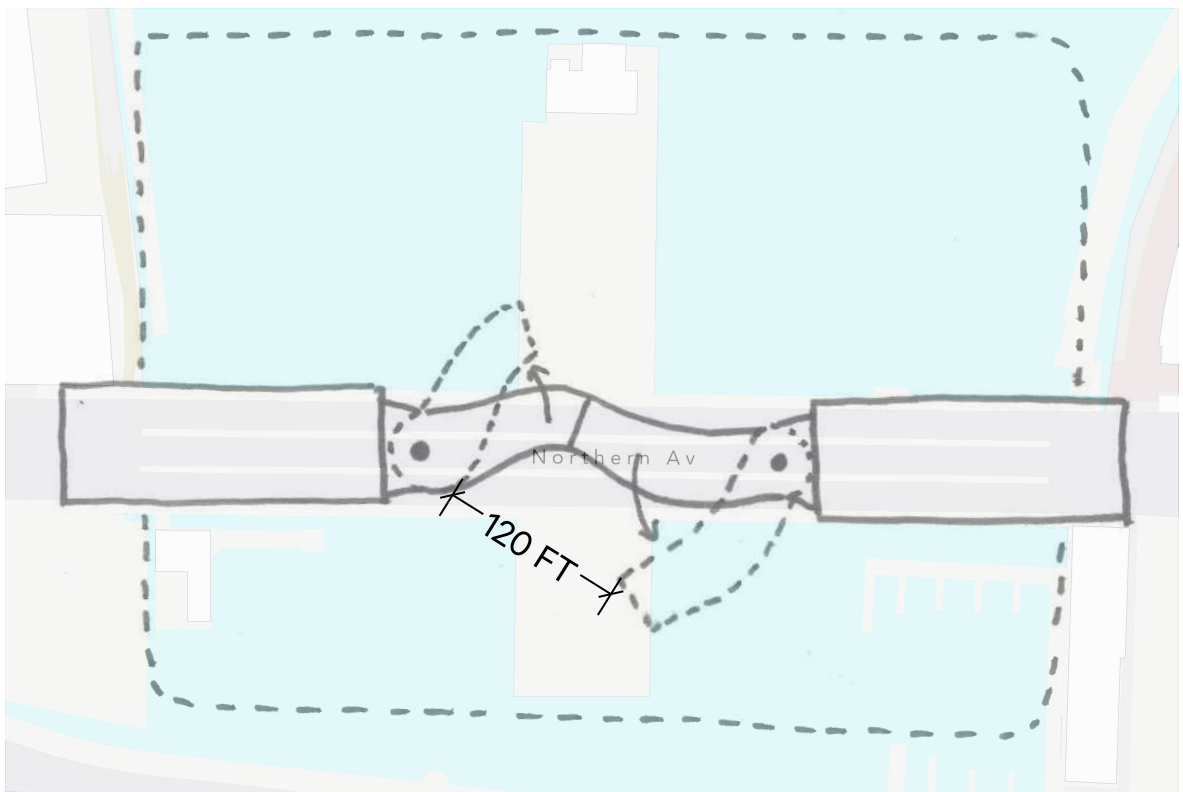


BOX TRUSSES AND CANTILEVERED SPANS ARE STRUCTURALLY SEPARATE, BUT THE WOODEN DECK PROVIDES CONTINUITY



BOX TRUSSES ARE USED AS A BACKPAN OR STAY FOR THE CABLES AND COLUMNS SUPPORTING THE ROTATING DECK

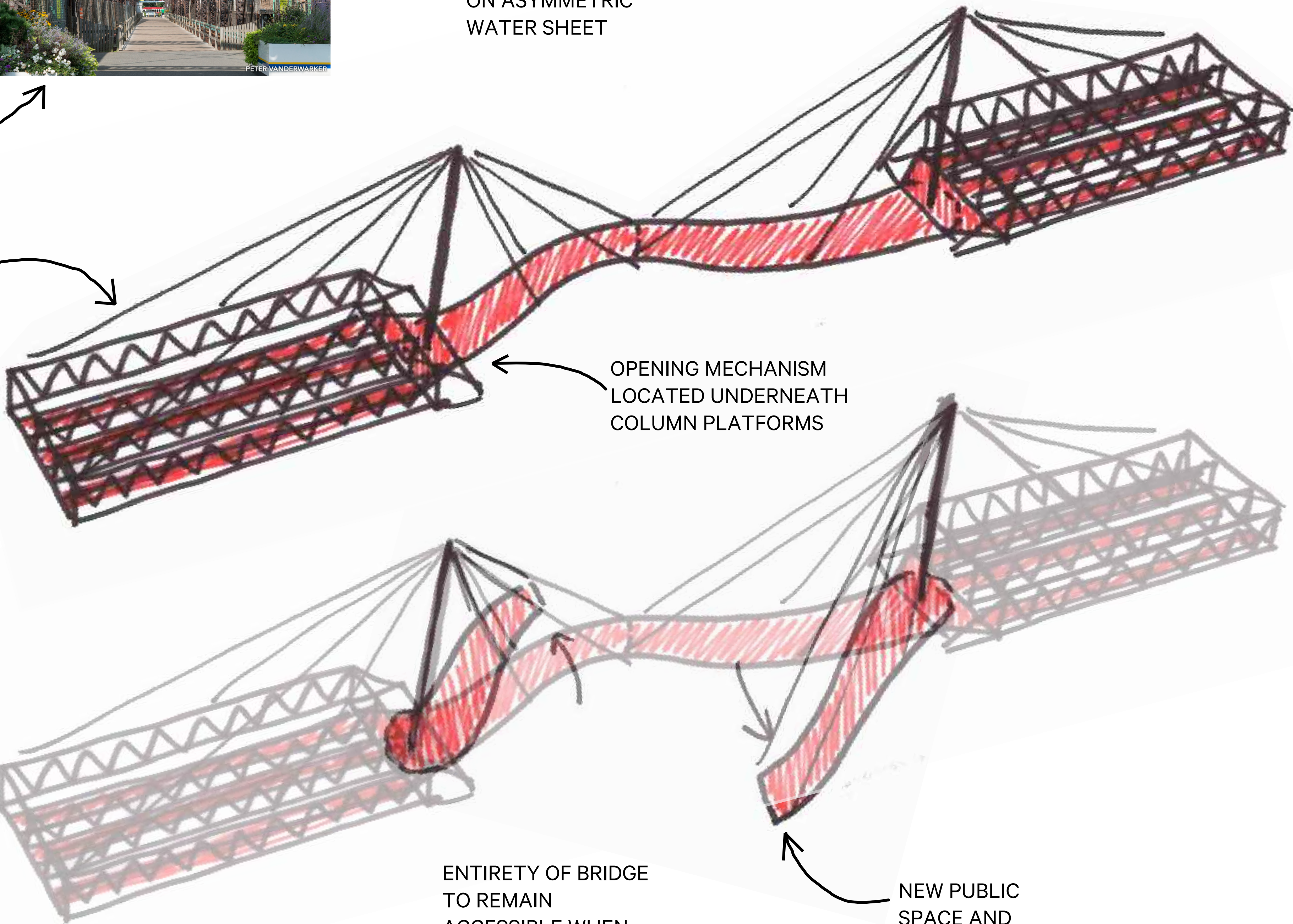
REUSE PORTIONS OF THE EXISTING BRIDGE AT NON-STRUCTURAL LOCATIONS, SUCH AS FIRST AND LAST BAY OF BRIDGE



PEDESTRIAN AND BIKES ONLY. SEAPORT BOULEVARD PROVIDES ARTERY FOR CARS, ALLOWING NORTHERN AVE BRIDGE TO BE A FEATURE

LOCATION OF OPENING CAN BE LOCATED BASED ON ASYMMETRIC WATER SHEET

CENTRAL SPAN IS FLEXIBLE AND CAN BE OPENED IN CASE OF STORM SURGES



OPENING MECHANISM LOCATED UNDERNEATH COLUMN PLATFORMS

ENTIRETY OF BRIDGE TO REMAIN ACCESSIBLE WHEN BRIDGE IS OPEN

NEW PUBLIC SPACE AND VIEWING PLATFORM

SUBMITTED TO THE NORTHERN AVENUE BRIDGE DESIGN IDEAS COMPETITION
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