

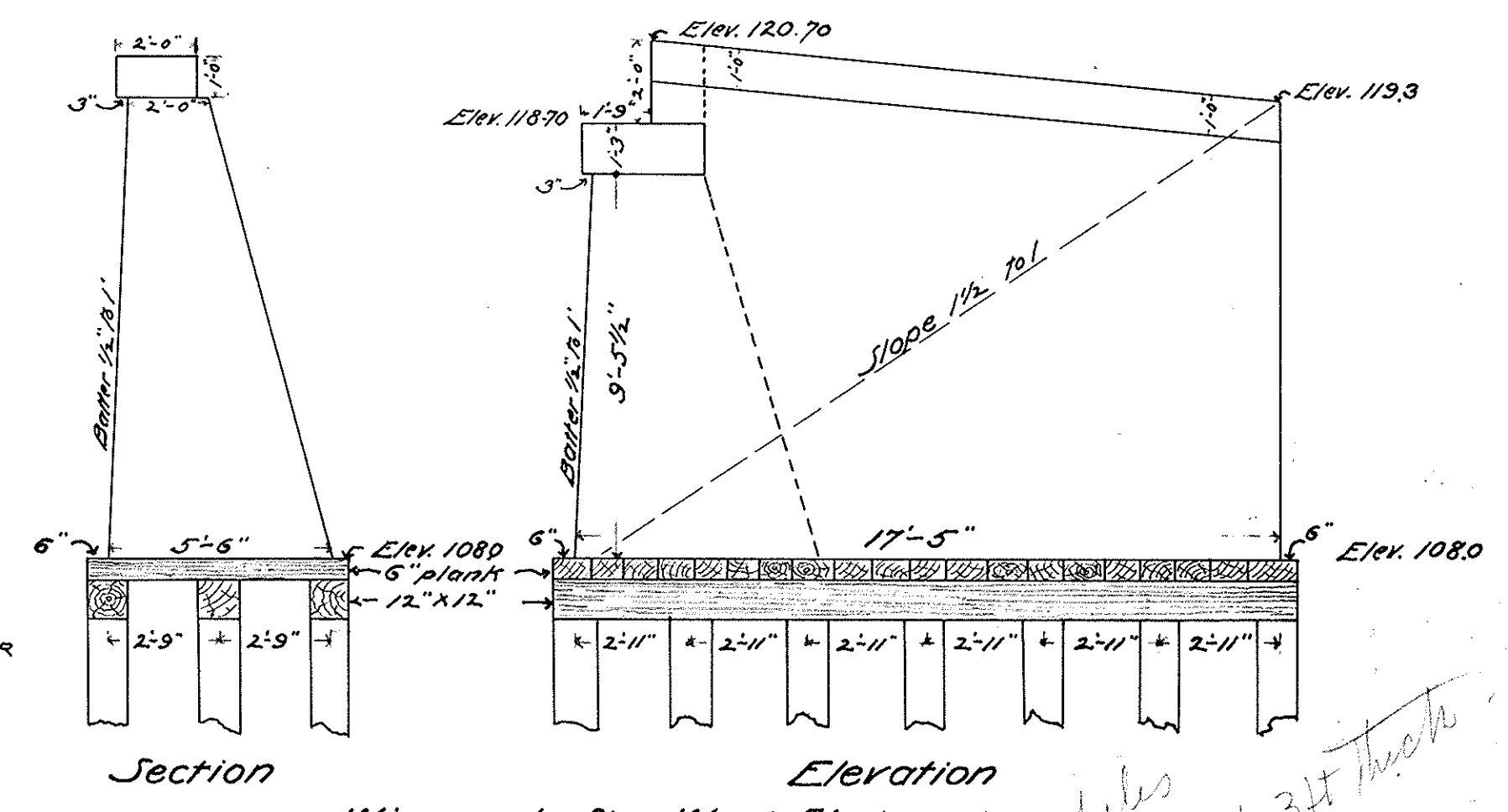
PLAN OF ABUTMENTS OF
WEST BRIDGE
 STATION 0 - WAREHAM -
MARION AND WAREHAM

Scale: 1 inch = 4 feet
 OFFICE OF
 Massachusetts Highway Commission
 20 Pemberton Sq. - Boston - Mass.
 April 27 1901

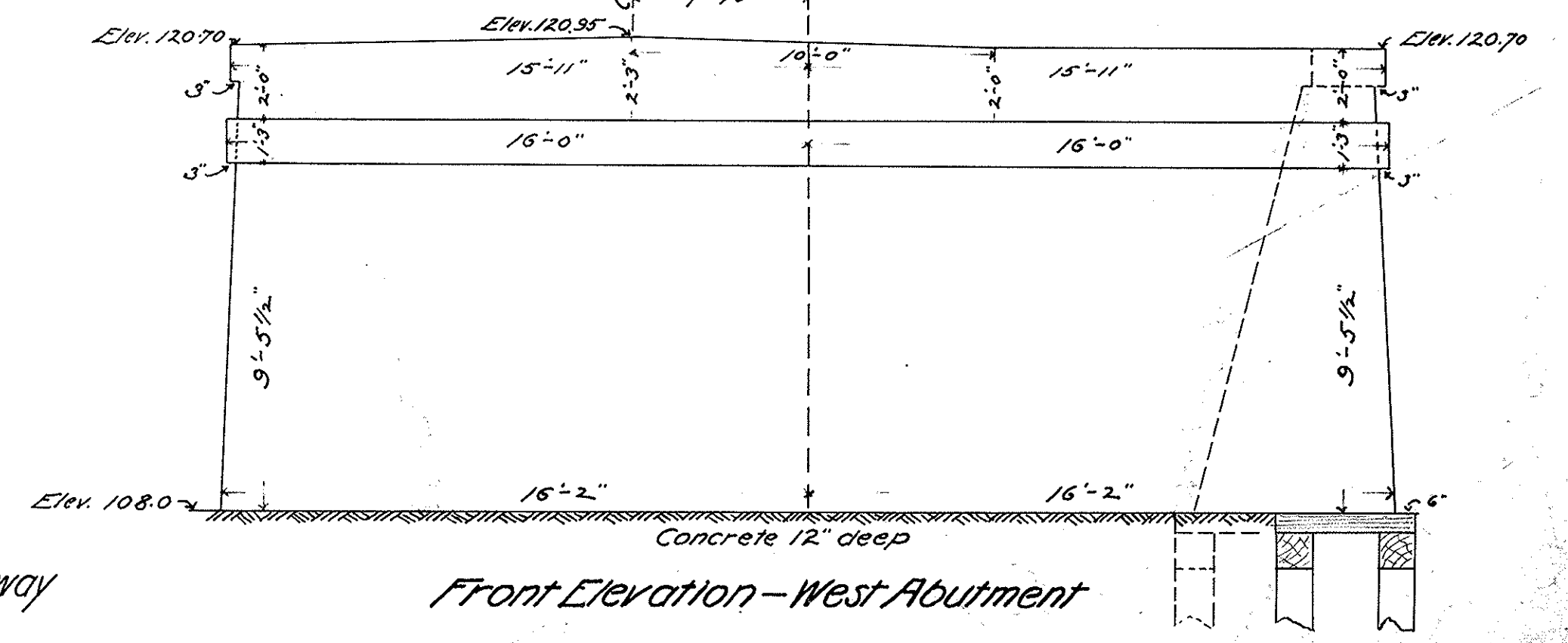
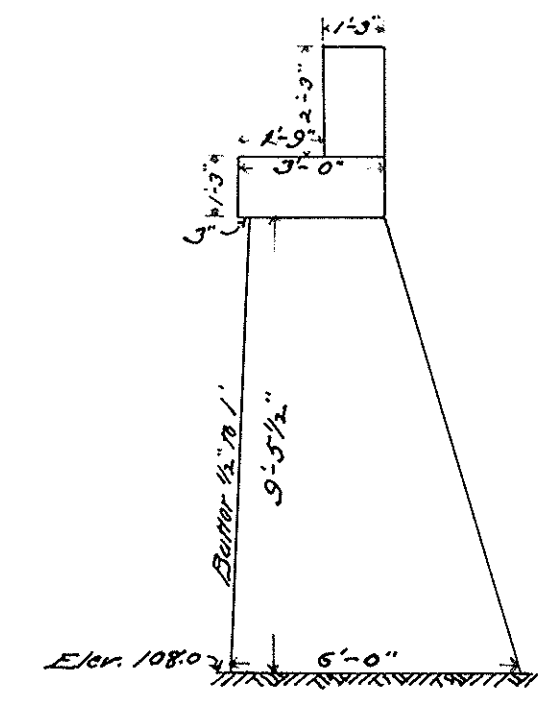
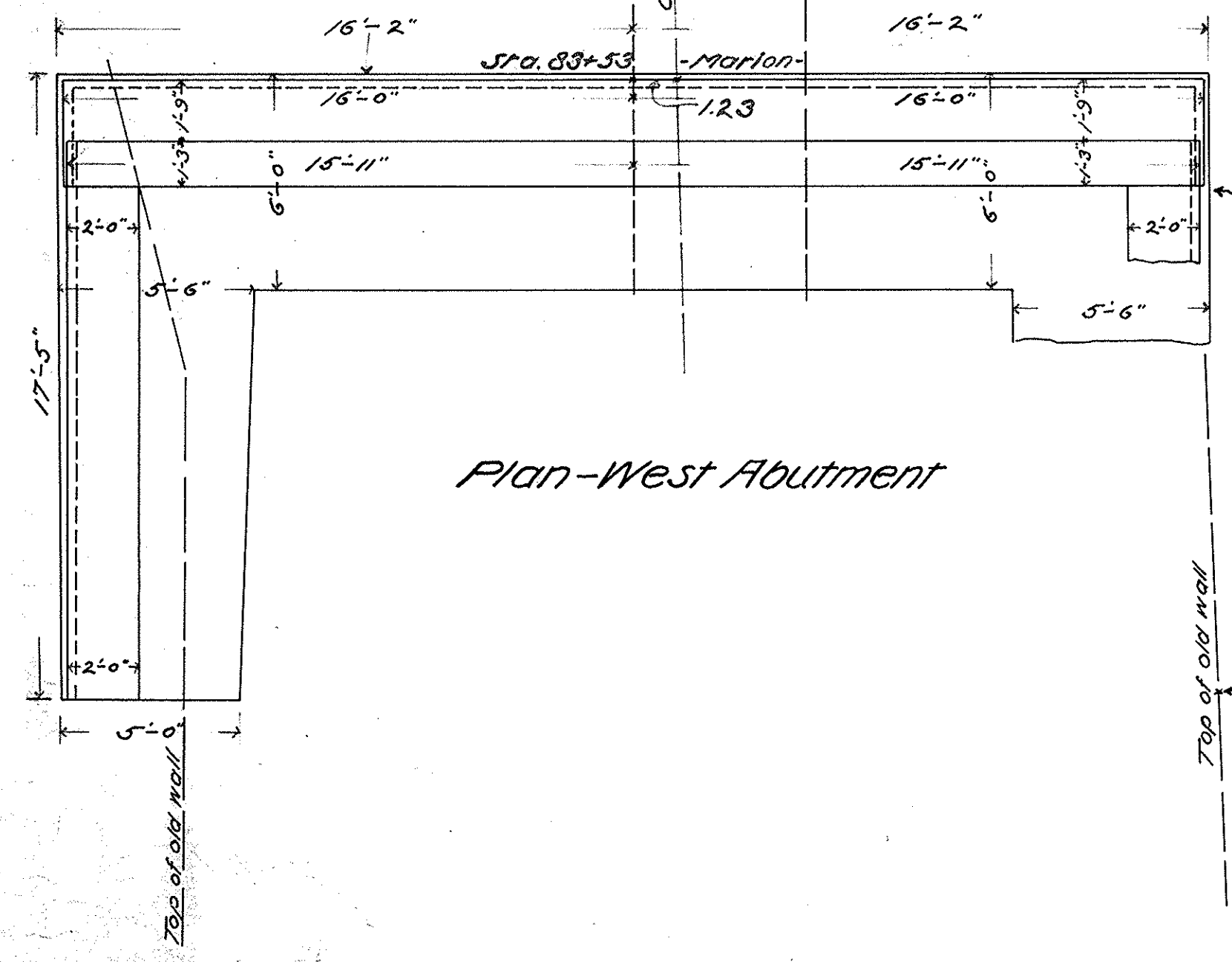
MASSACHUSETTS HIGHWAY COMMISSION
 Mr. E. W. Clintock
 CHAIRMAN

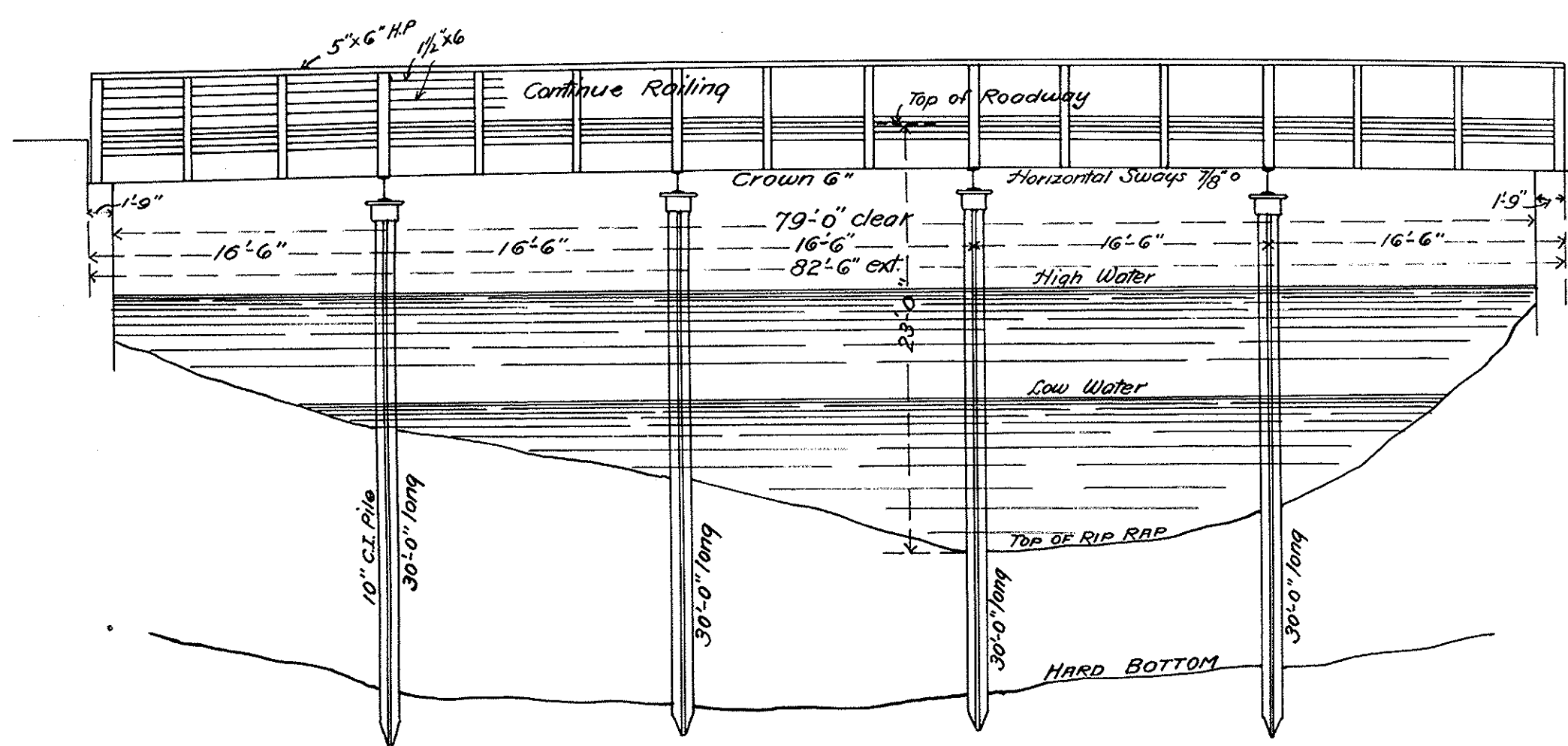
APPROVED

A. M. Loria
 ENGINEER

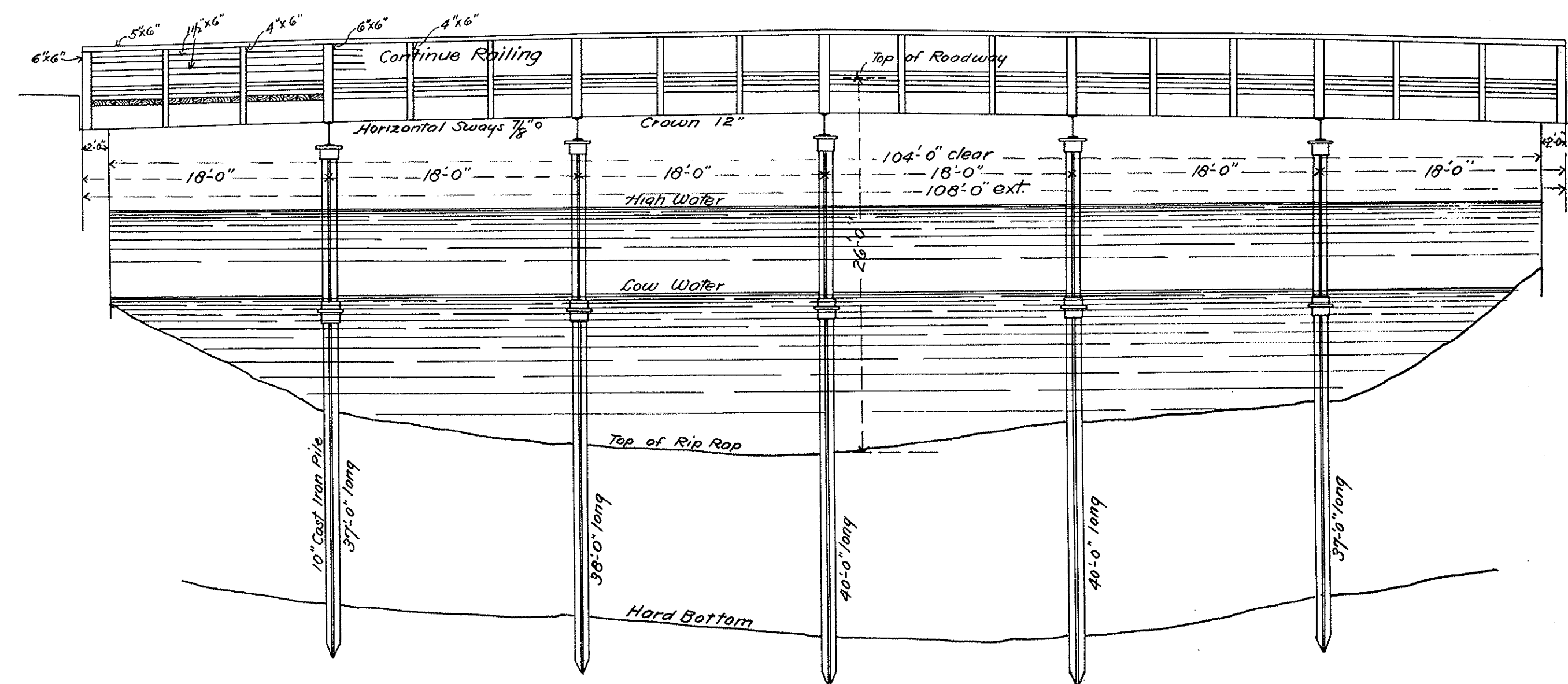


20 wooden piles
 used - consists of 3 ft trunks
 114 ft abut

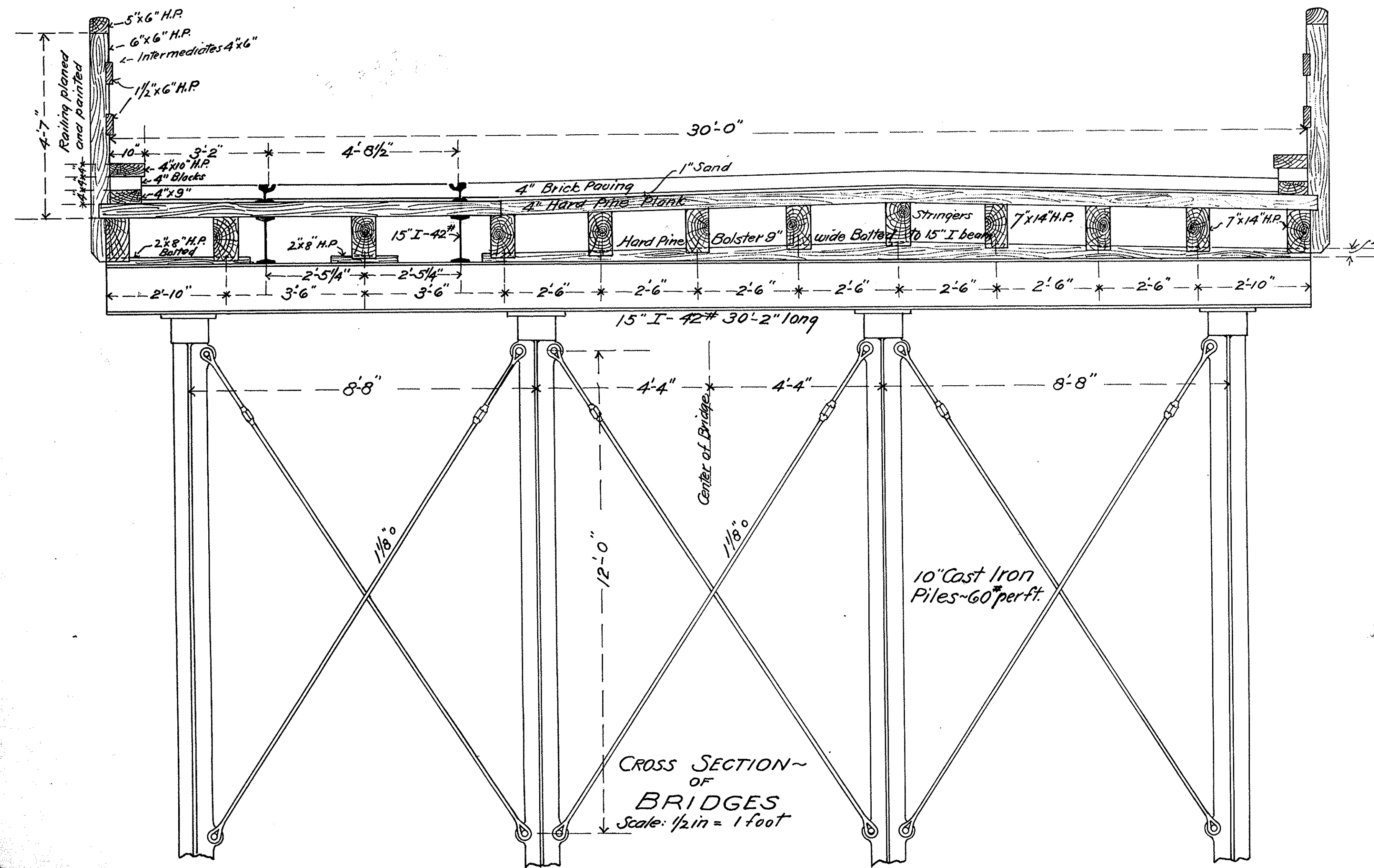




WEST BRIDGE
Scale: 1/8 in. = 1 foot



EAST BRIDGE
Scale: 1/8 in. = 1 foot



CROSS SECTION OF
BRIDGES
Scale: 1/2 in. = 1 foot

BRIDGES OVER WEWEANTIT RIVER
IN THE TOWNS OF
MARION AND WAREHAM

OFFICE OF
Massachusetts Highway Commission
#20 Pemberton Sq. ~ Boston, Mass.

PETITIONERS

Mr. E. W. Barker
John W. Barker
Commissioners
Massachusetts

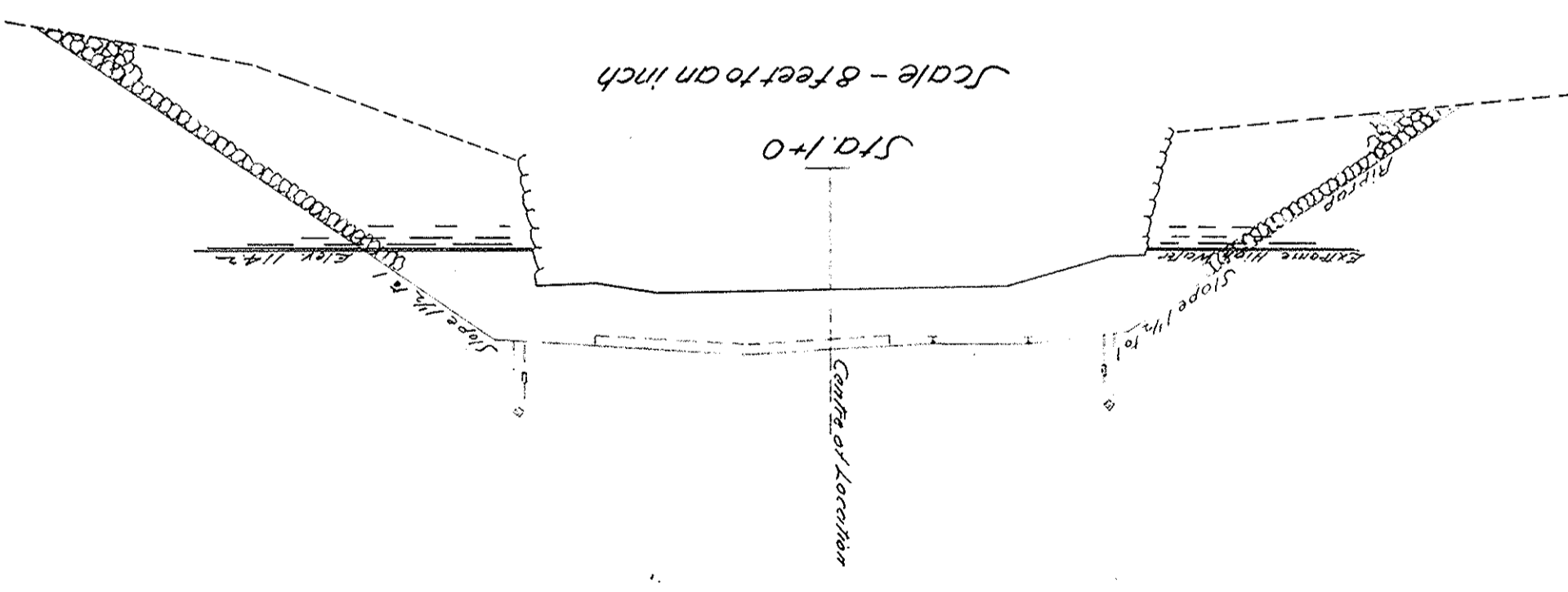
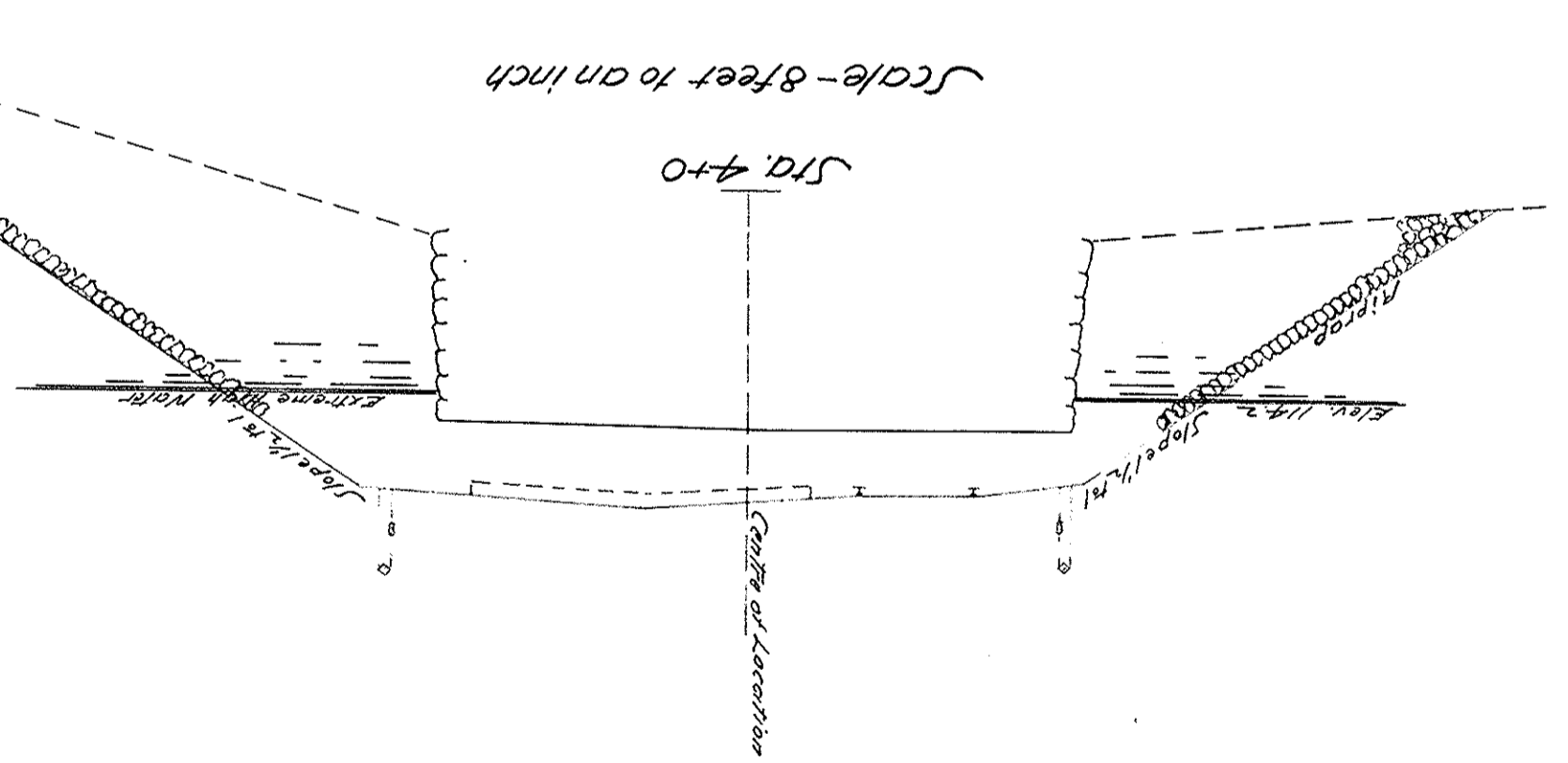
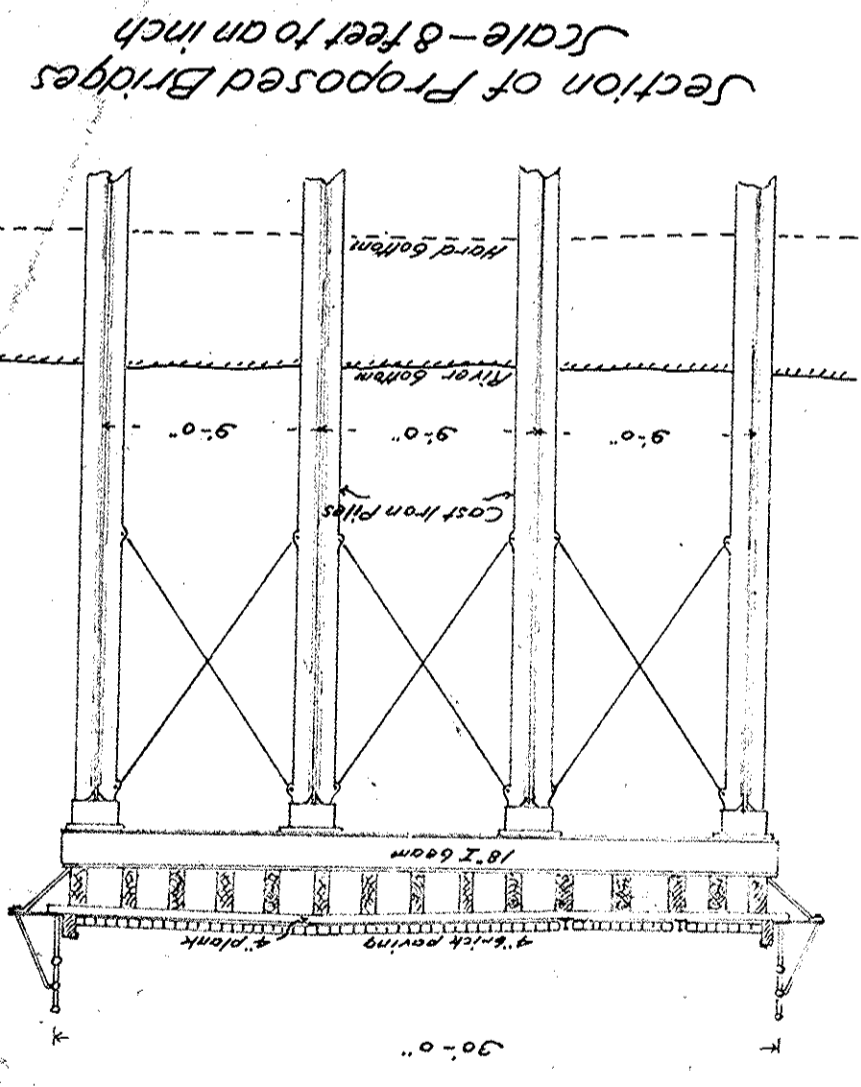
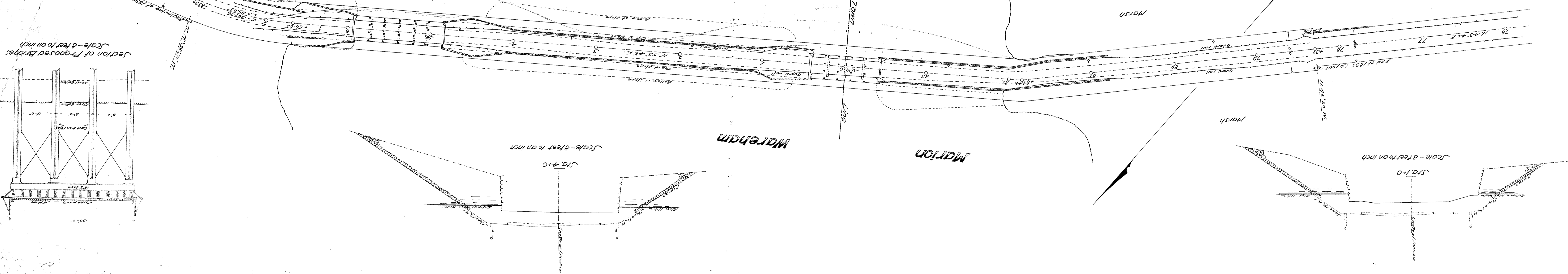
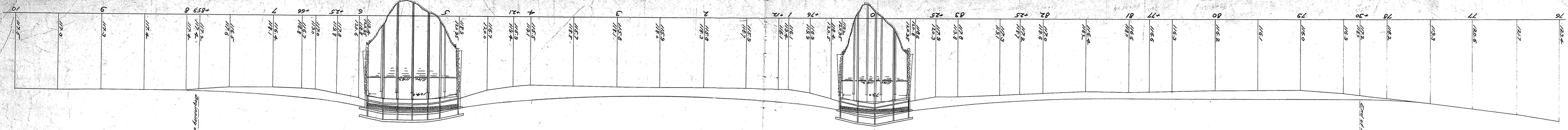
Plan and Profile
of
Bridges
over the
Wewantit River
in the Towns of
Marton and Wareham

Office of
Mass. Highway Commissioner
No. 20 Pemberton Bg., Boston.

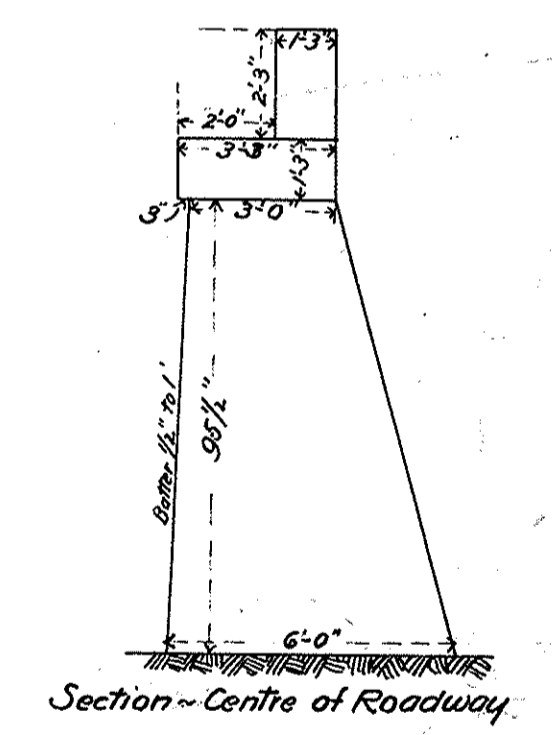
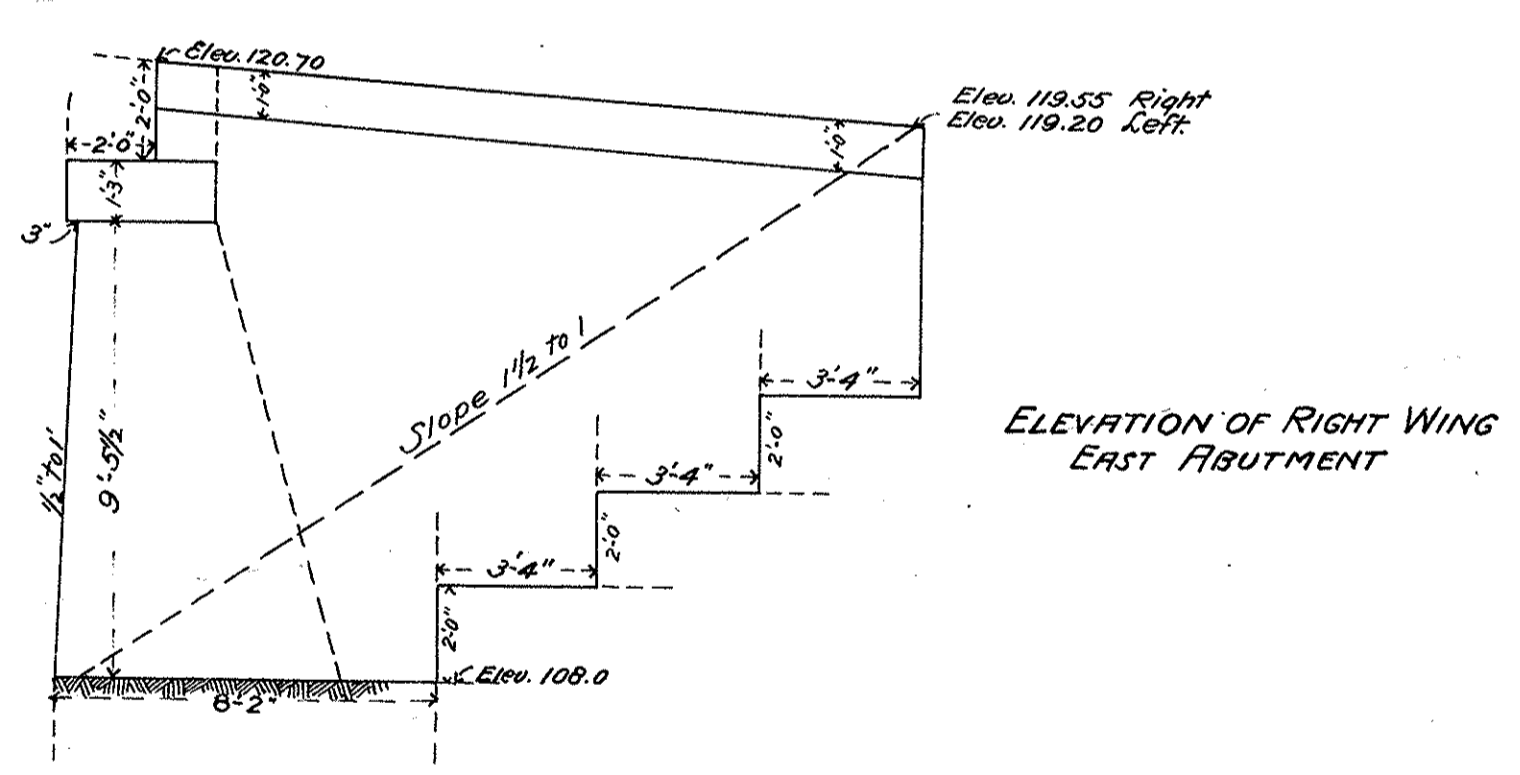
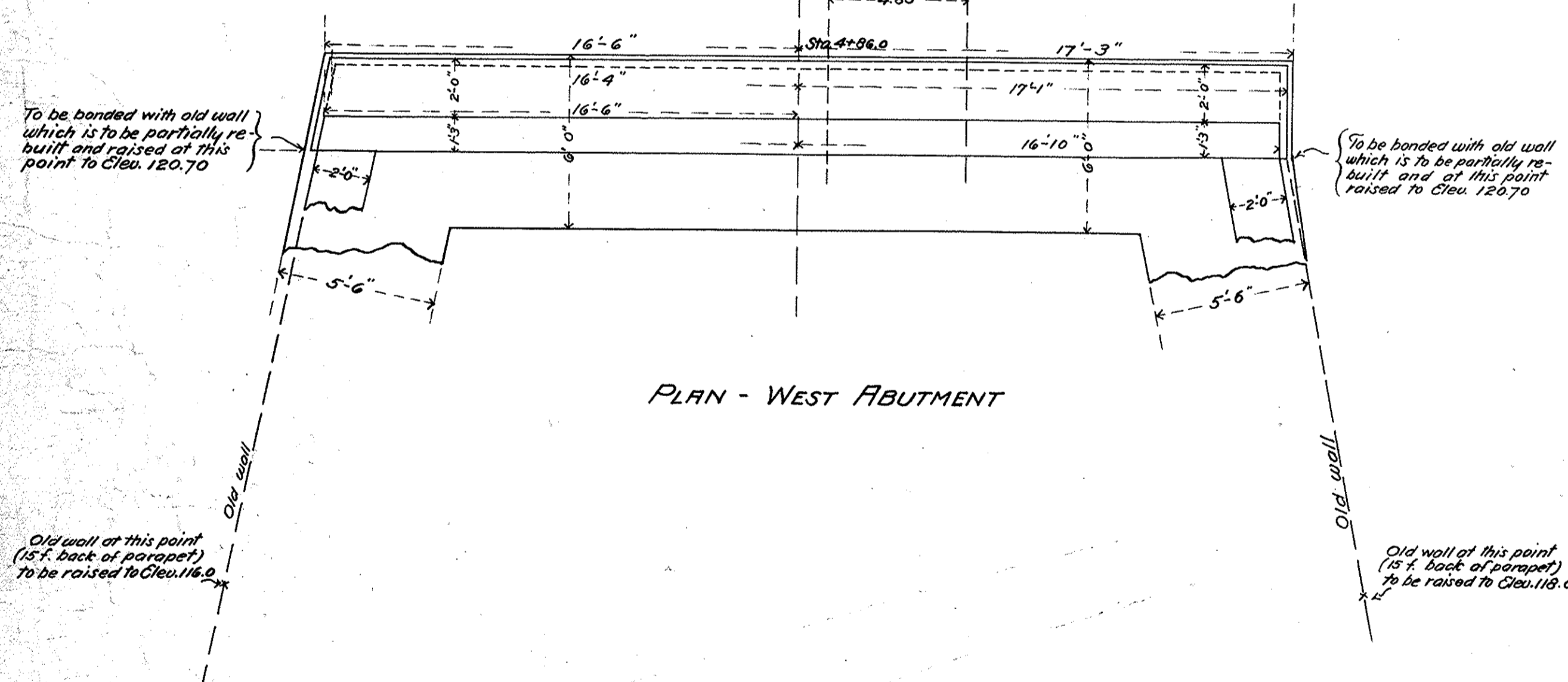
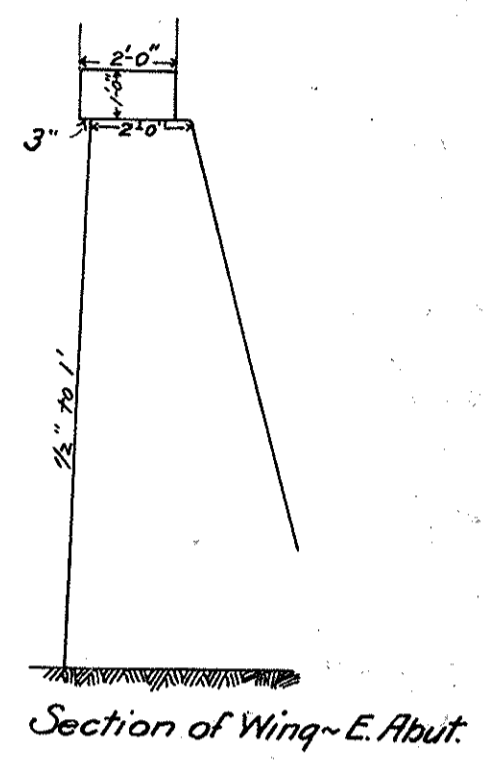
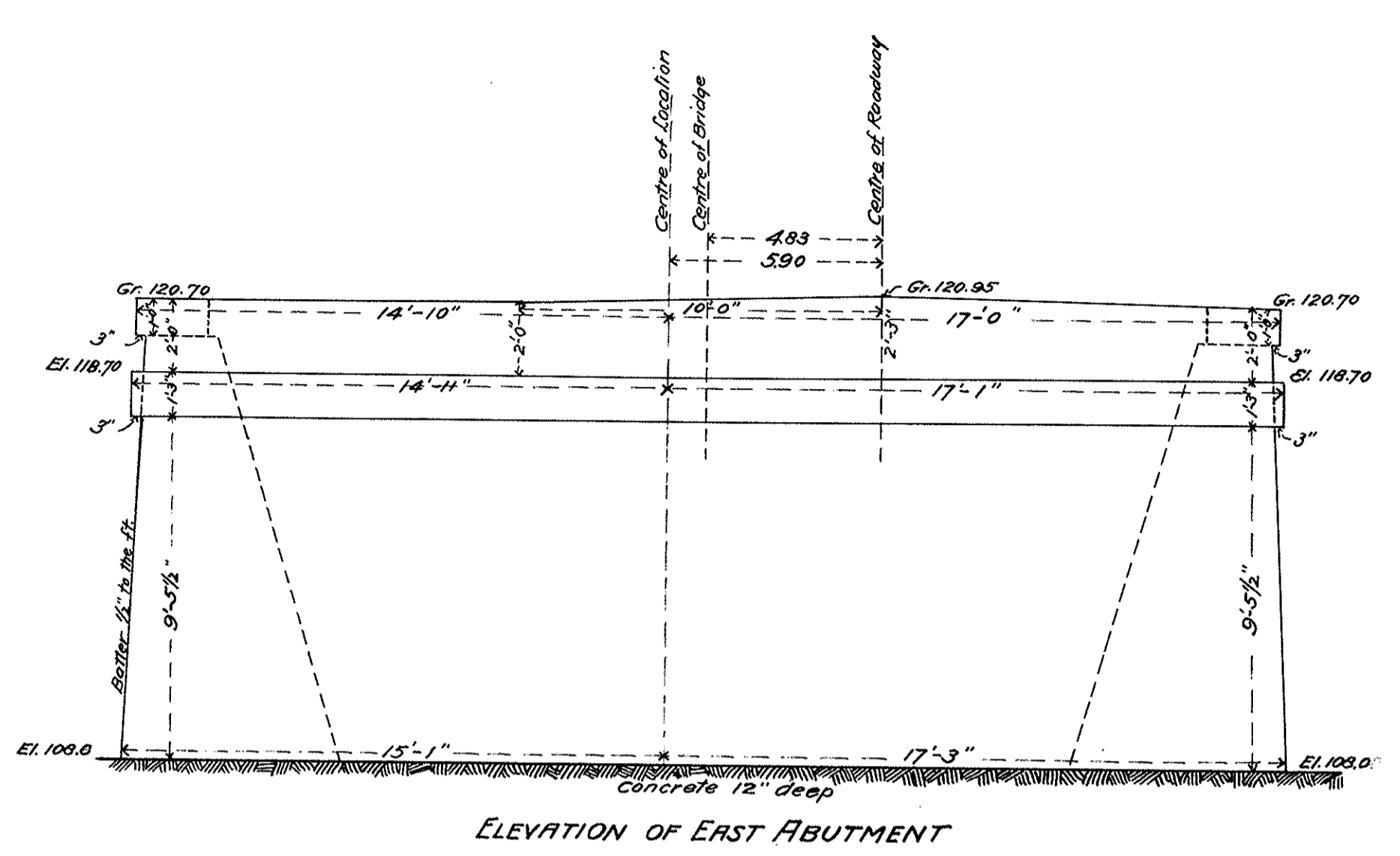
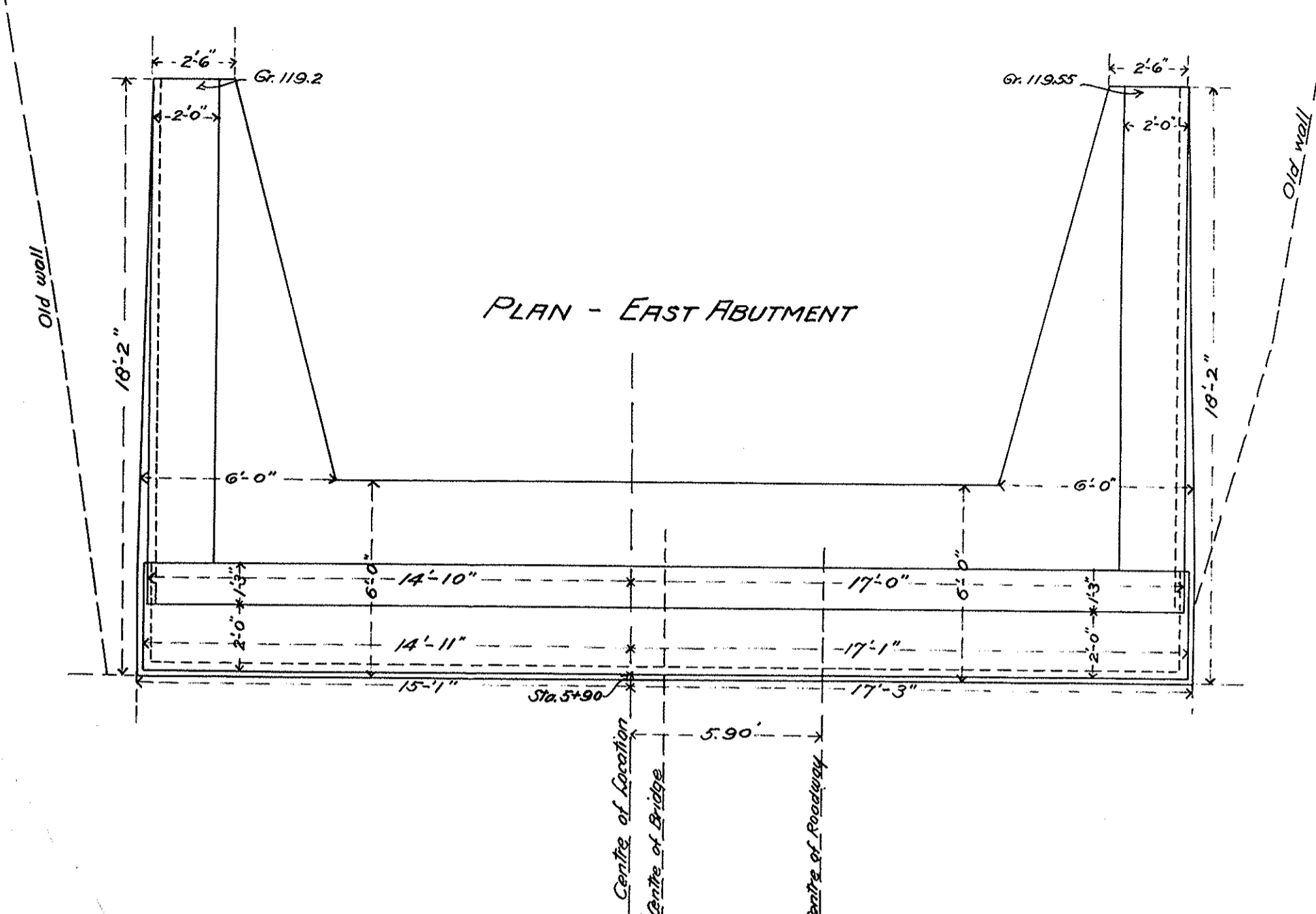
Approved
Charles W. Hall
Chief Engineer

Approved
John C. Eaton
Chief Engineer
March 22, 1901

Top Scale 40 feet to an inch
Ver. Scale 8 feet to an inch
March 22, 1901



M-5-1

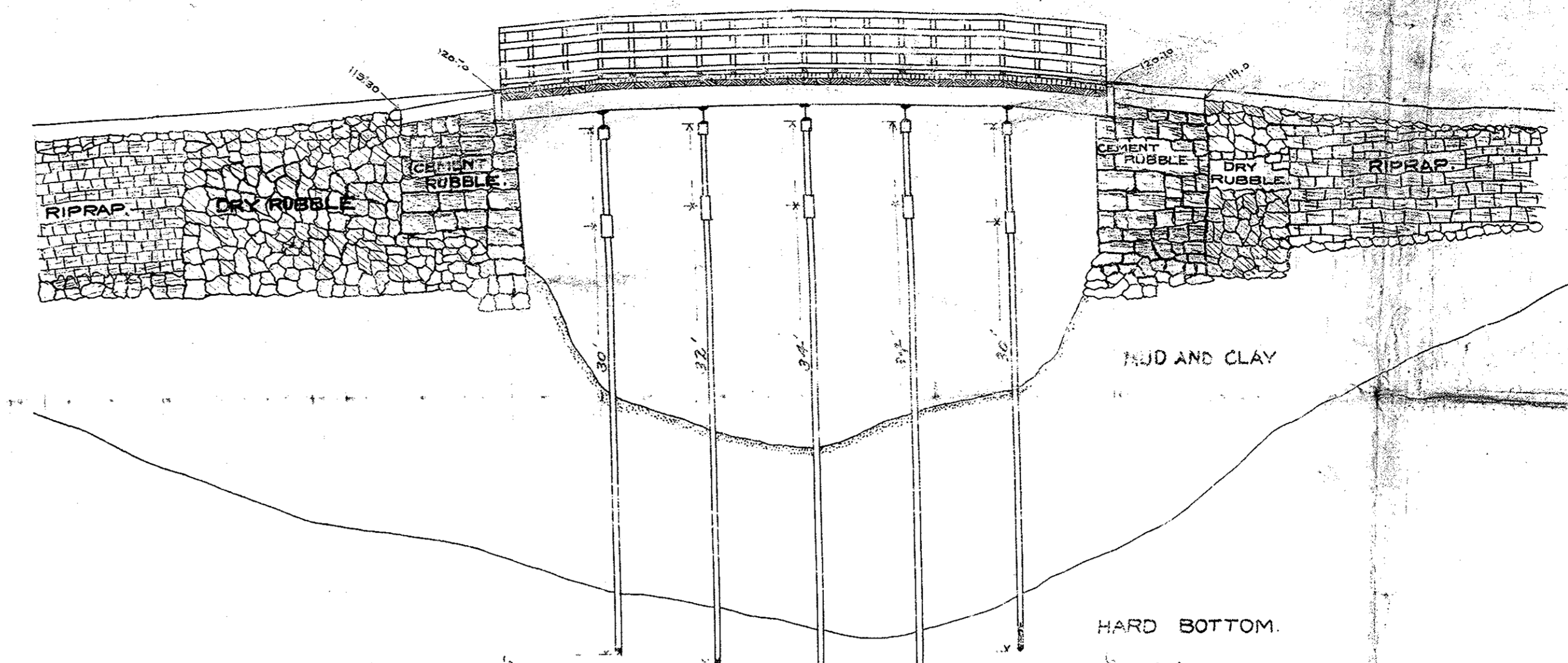
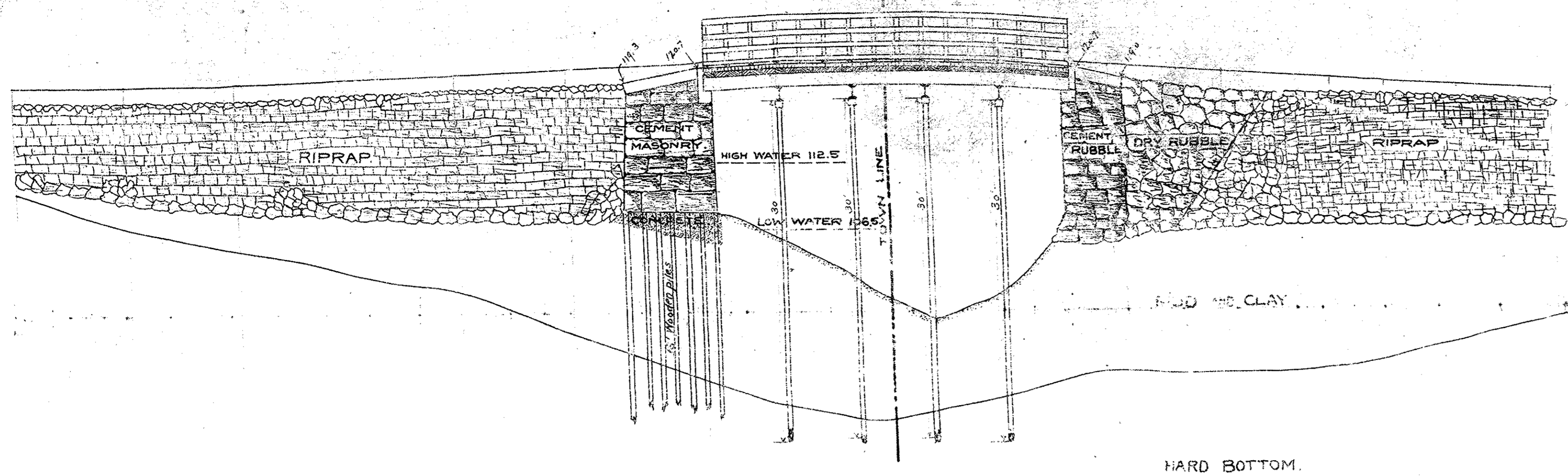


PLAN OF ABUTMENTS OF
EAST BRIDGE
 STATION 5+50±
WAREHAM, MASS.
 Scale: 1 inch = 4 feet

Massachusetts Highway Commission
N. E. W. Clintock
 CHAIRMAN

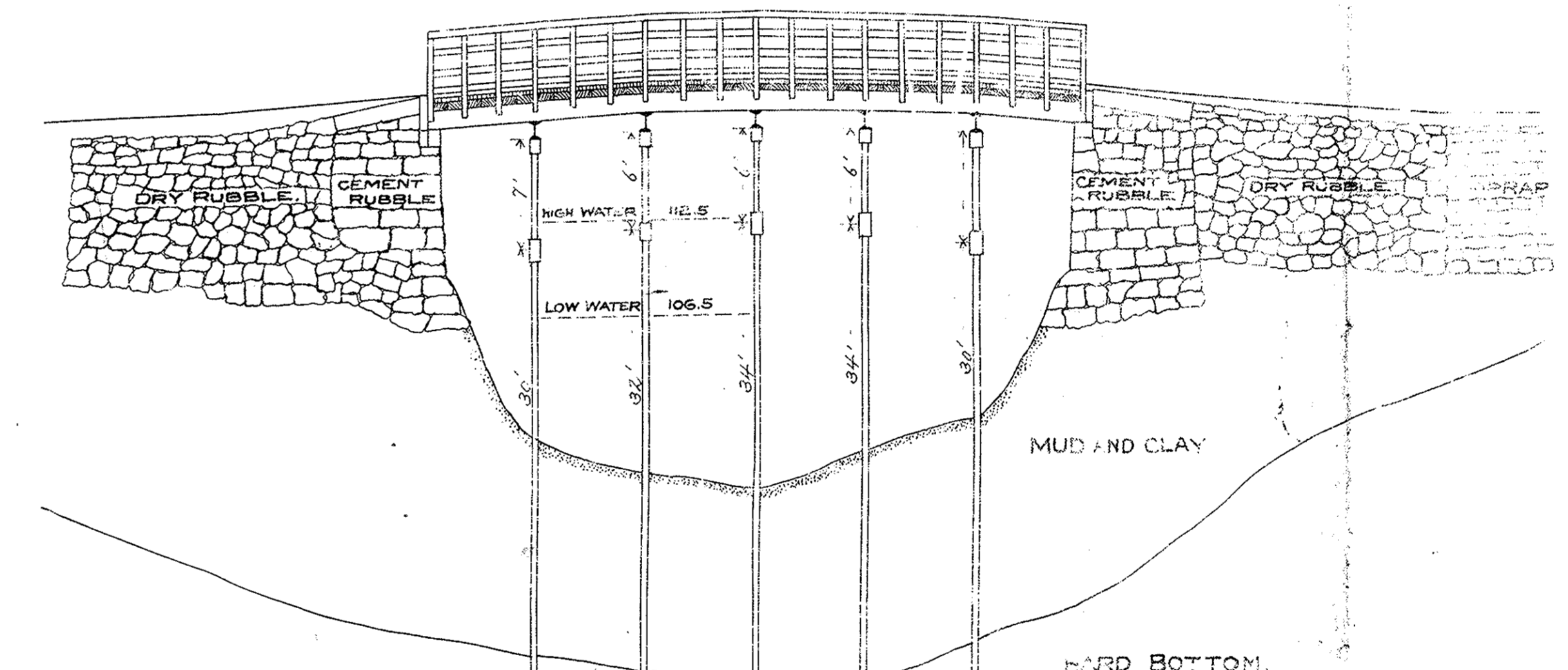
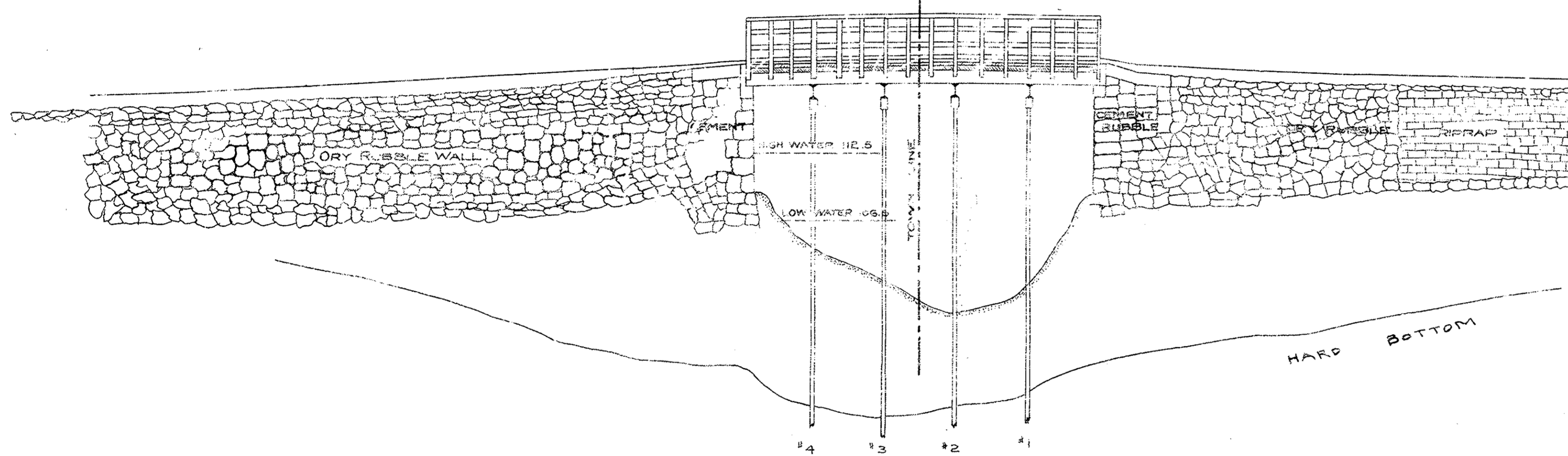
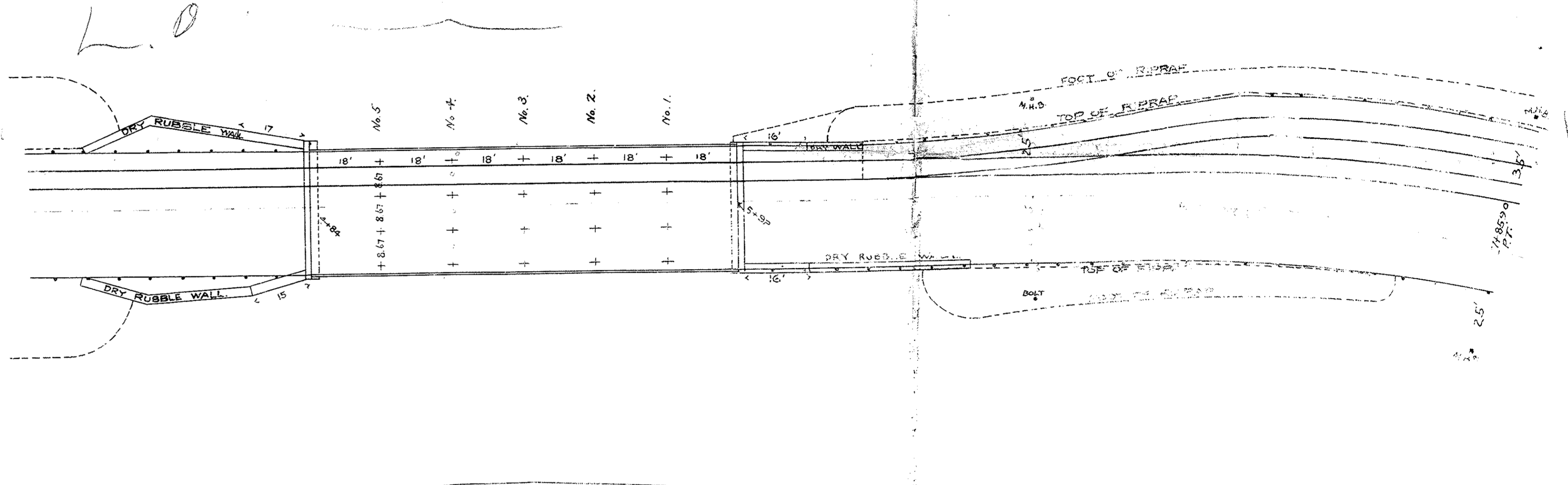
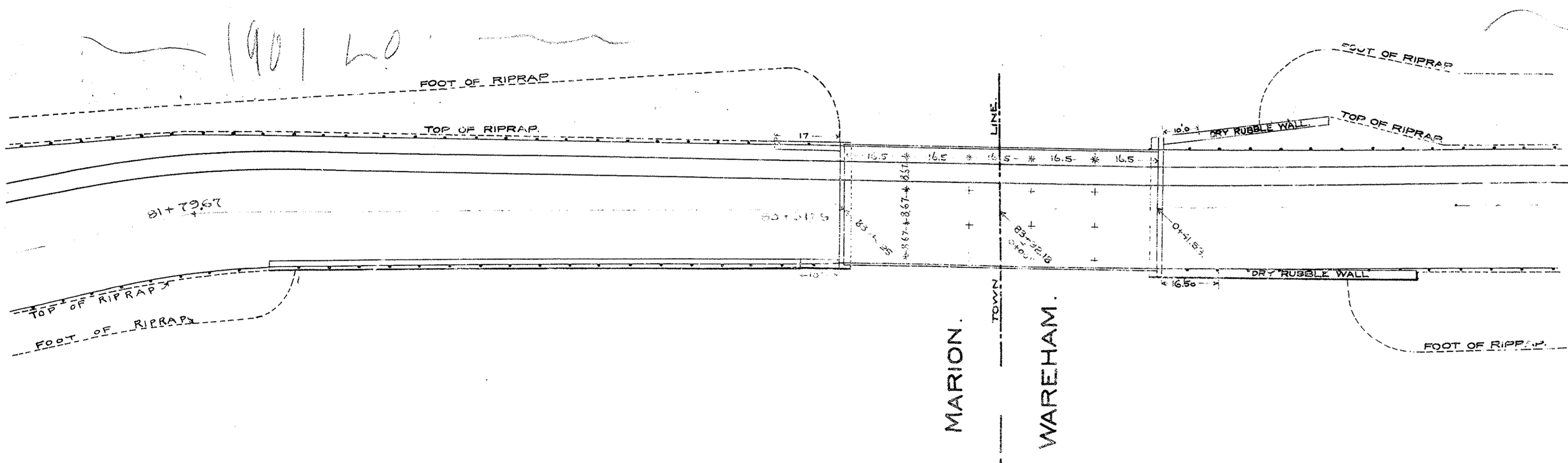
APPROVED
A. W. Lorio
 FIRST ASST. ENGINEER

OFFICE OF
 Massachusetts Highway Commission
 20 Pemberton St. - Boston - Mass.
 APRIL 27 1901



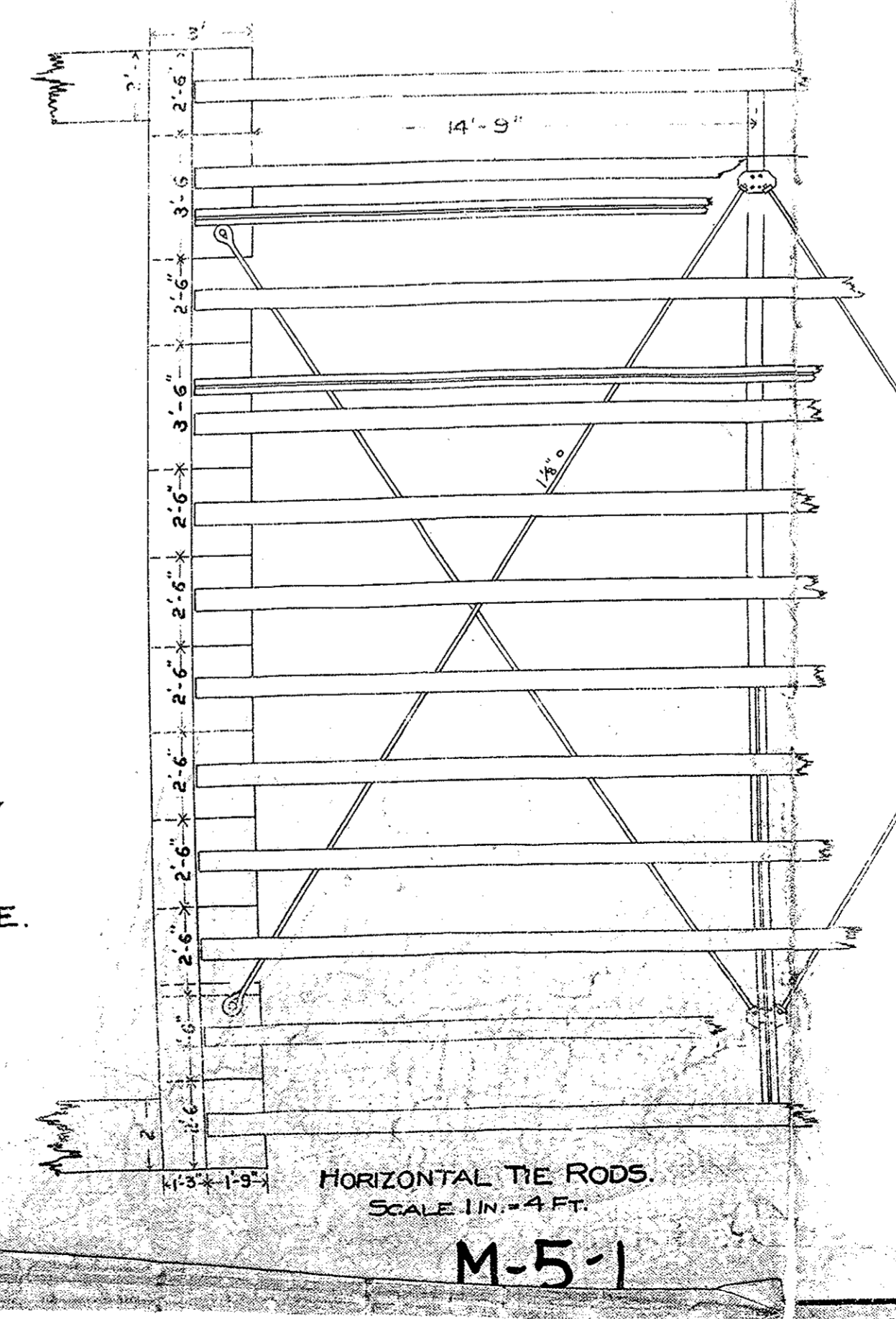
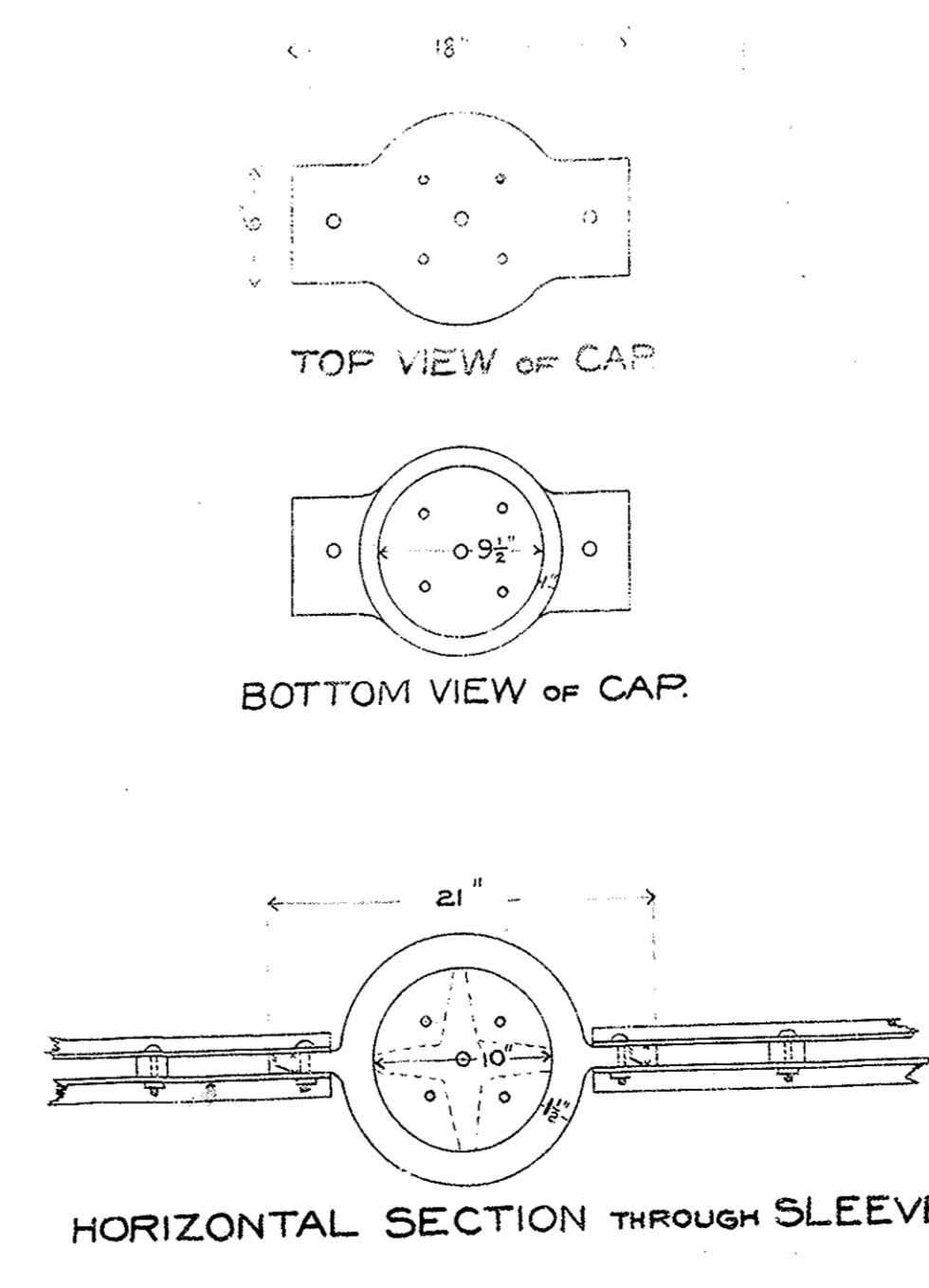
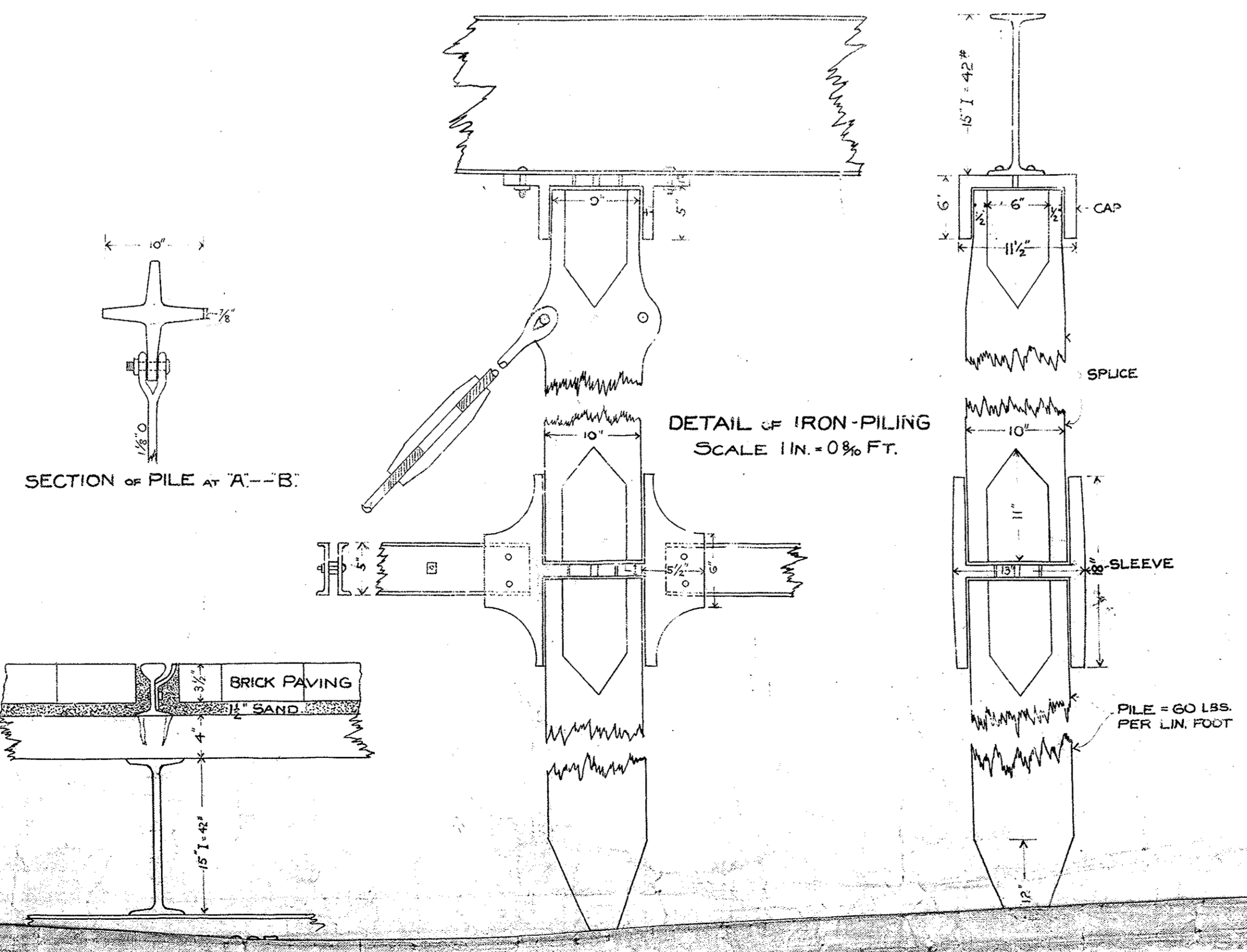
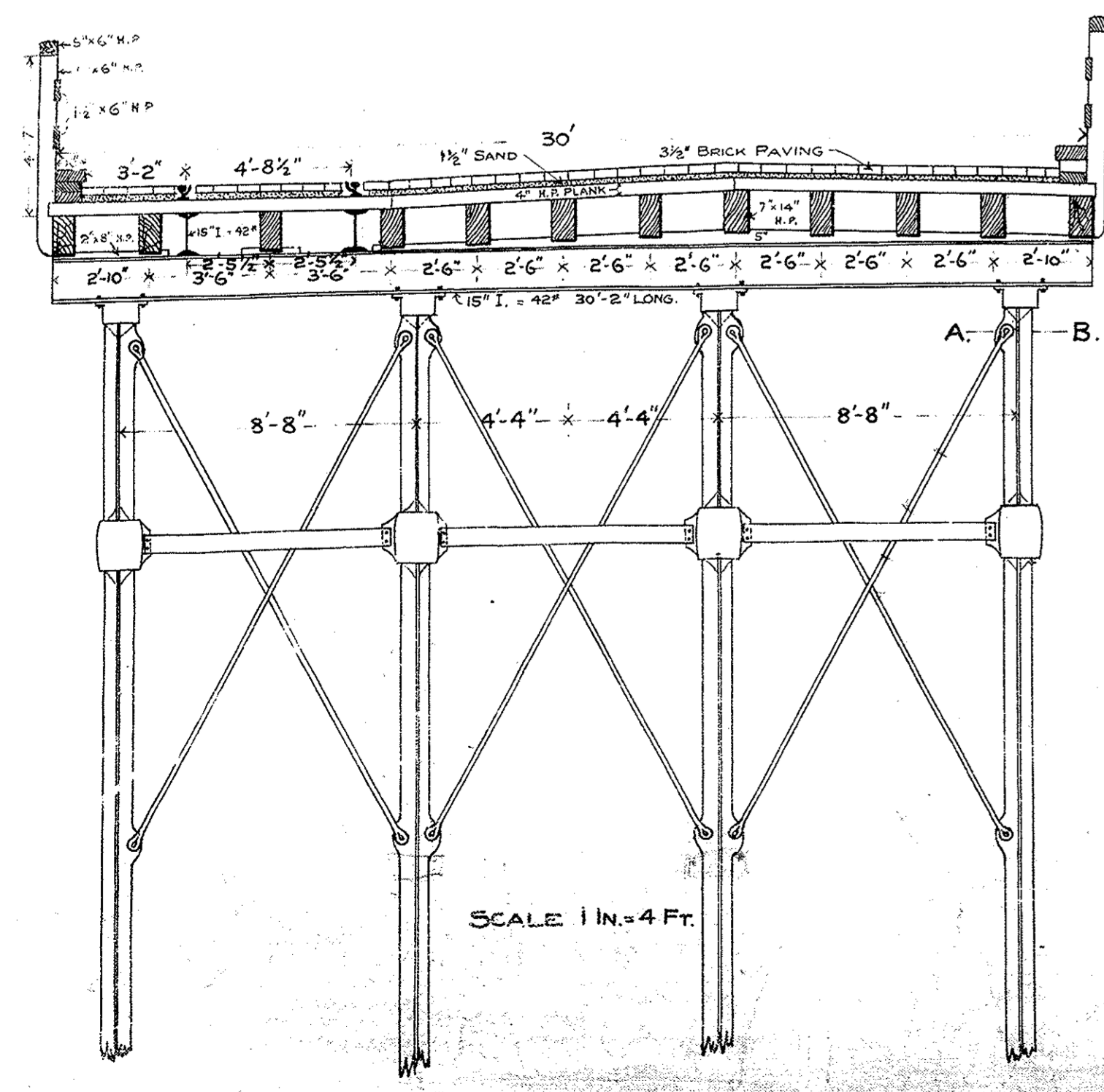
81+82.21 117.4
82+82.21 117.5
82+46 117.9
82+82.21 118.8
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83+82.21 120.7
0+1.59 119.2
0+1.59 119.2
0+1.59 119.2
1+00 118.4
1+112 118.2
1+112 118.2
1+50 118.7
1+50 118.7

4+00 118.1
4+21 118.5
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4+84 120.7
5+92 120.7
6+00 120.2
6+20 119.2
6+50 118.0
6+56 117.8



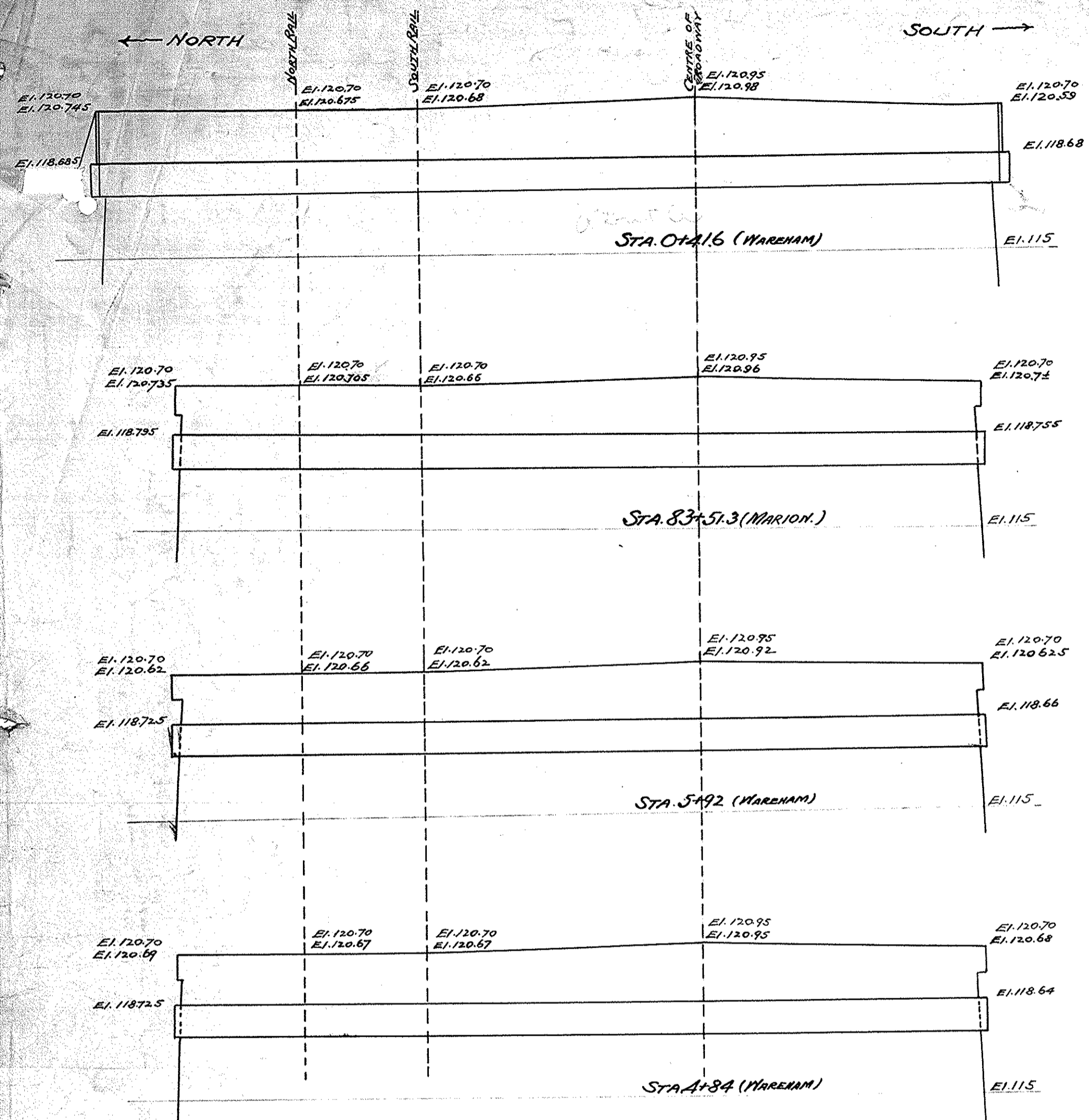
82+00 117.8
82+25 117.9
82+50 118.3
83+00 119.0
83+25 119.5
83+50 120.7
83+82.21 120.7
0+1.59 119.2
0+1.59 119.2
0+1.59 119.2
1+00 118.6
1+50 117.9

4+21 118.6
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6+00 120.4
6+20 119.0
6+50 118.2
6+56 118.0



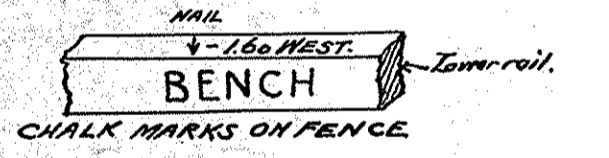
Plan and Profile of the Bridges on State Highway at the Marion and Wareham Line

NOTE
Amount of lead used for bearing surface was 920 lbs on an average or 16 1/2 lbs to each bearing.
42000 bricks = 106 2/3 tons Portland Cement
26 cubic yards rails = 200 gallons pitch
1950 lbs. smoothing paper (in 41 rolls 2'-8" wide by 116' long)
Marion Bridge = 3190 bricks = 42 3/8 tons
Wareham " = 23810 " = 55 3/8 tons

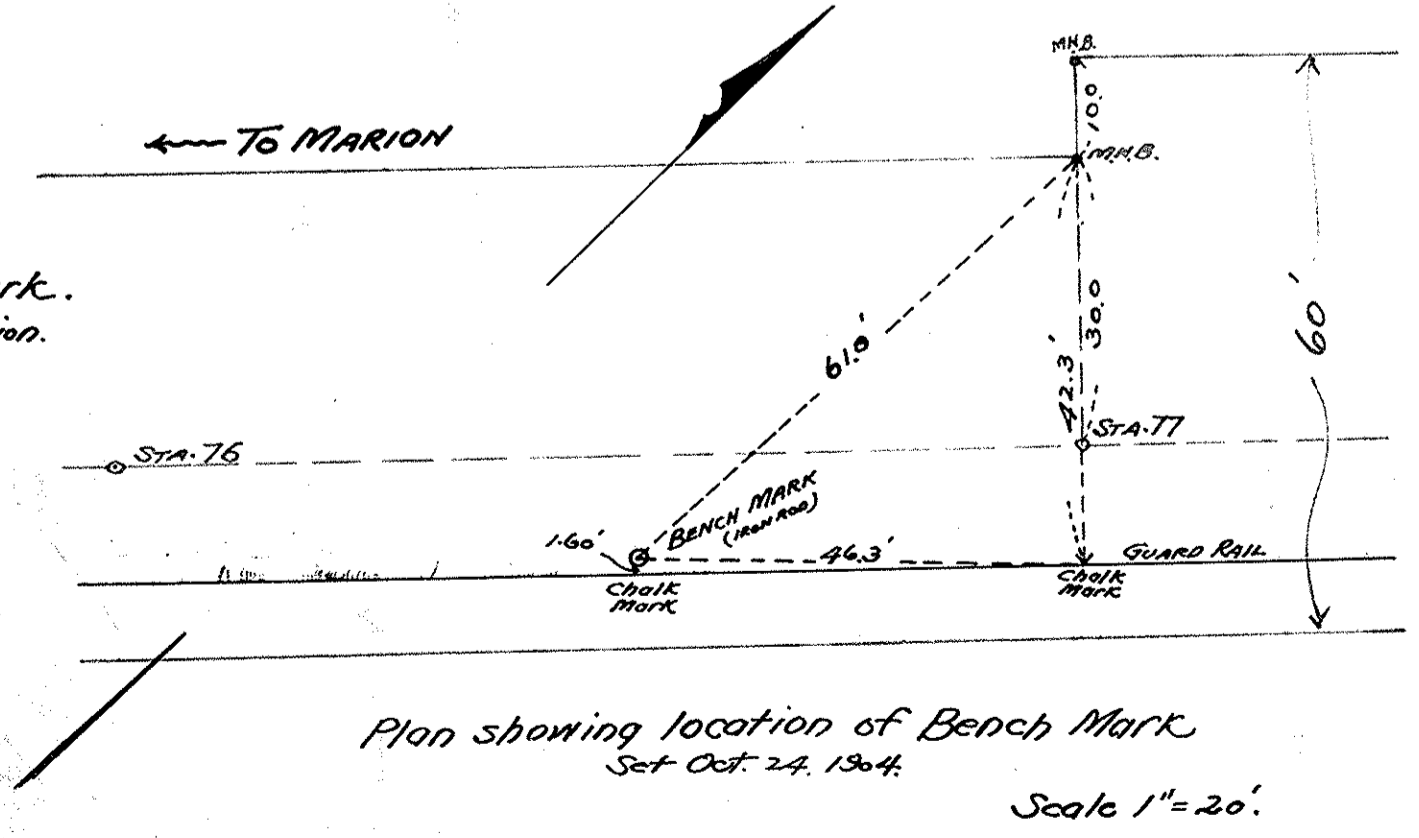


Elevations of Abutments
Scale 1" = 4"

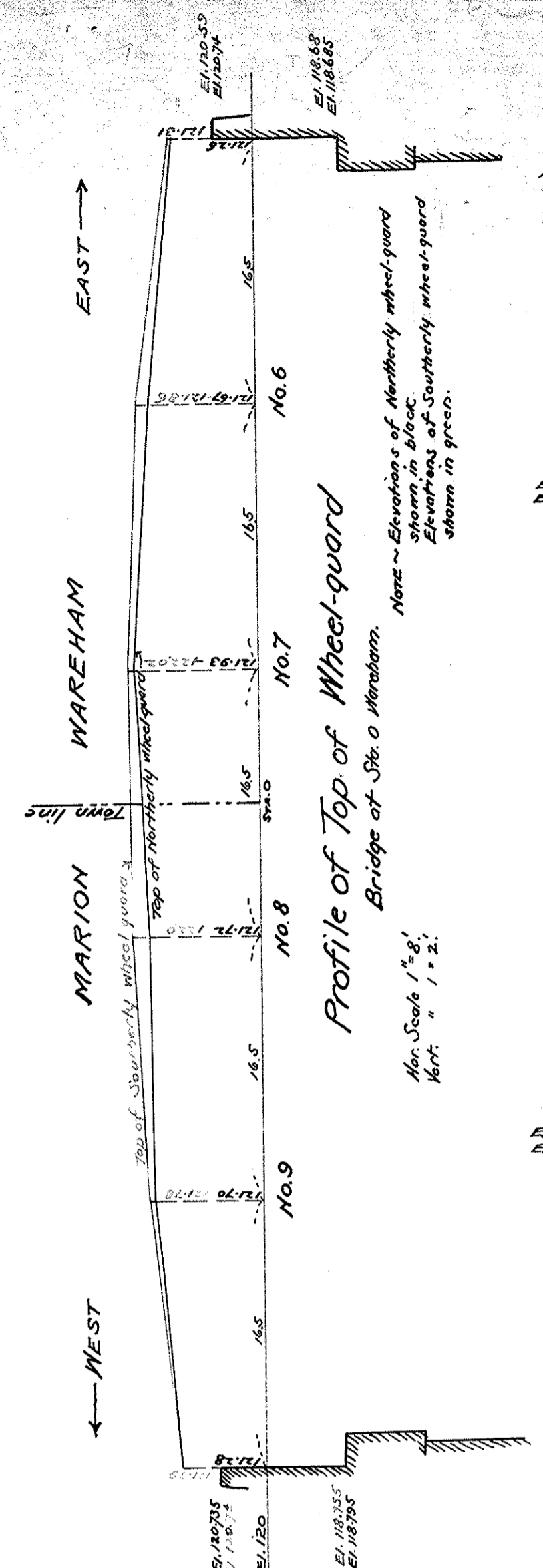
Note - Black stems elevations taken Oct. 24, 1904.
Red stems proposed grades on profile.



Detail of Bench-mark.
East of Sta. 76+58 Marion.



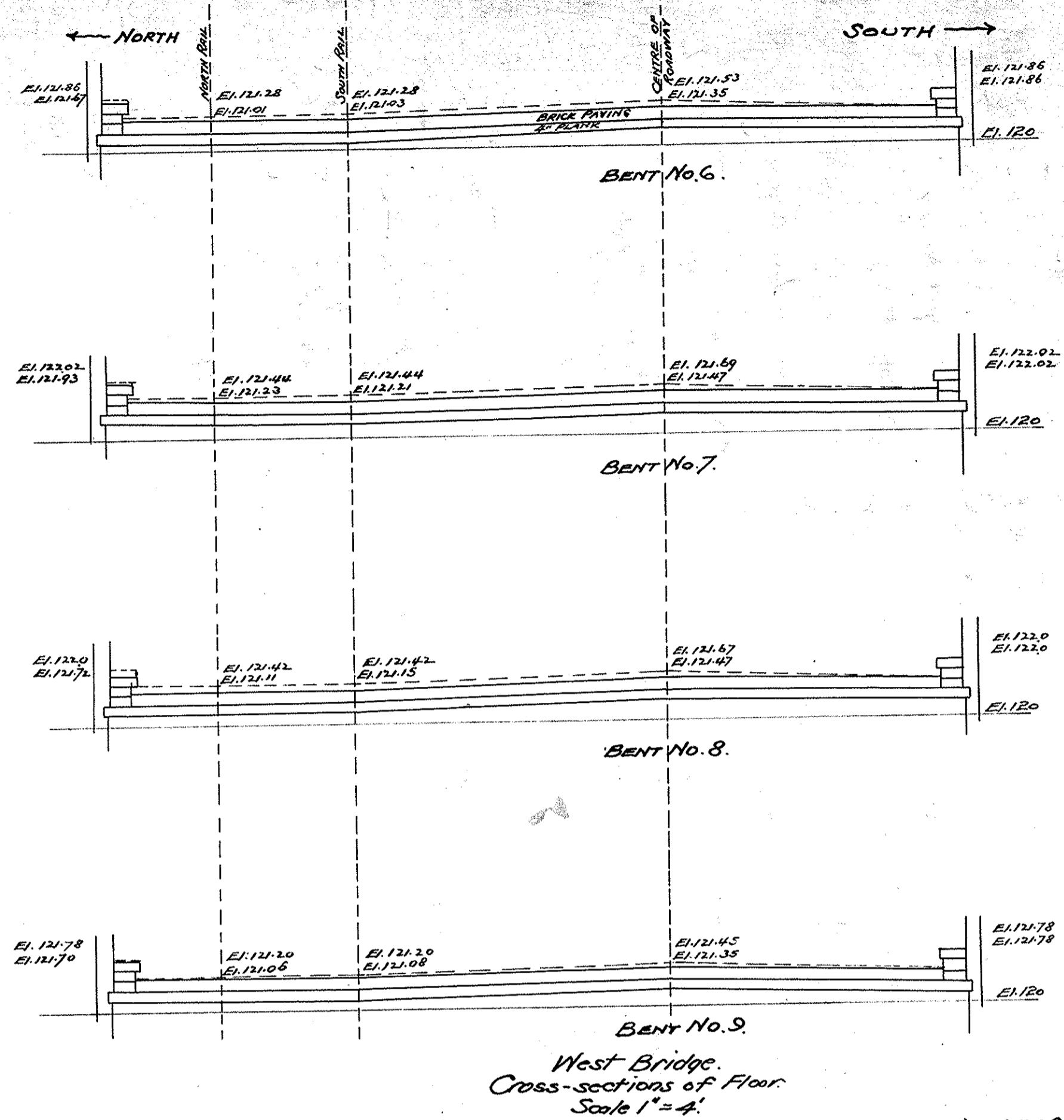
Plan showing location of Bench Mark.
Set Oct. 24, 1904.
Scale 1" = 20'



Profile of Top of Wheel-guard
Bridge at Sta. 0 Marion.
Note - Elevations of Northern wheel-guard shown in green.
Elevations of Southern wheel-guard shown in black.

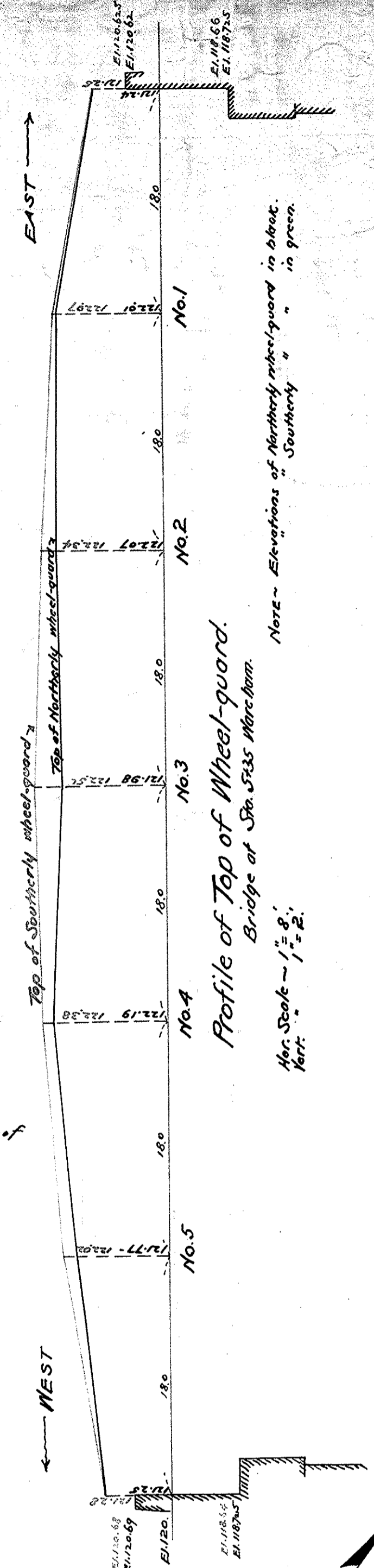
Office of
Massachusetts Highway Commission
20 Pemberton St. Boston.

Profiles and Sections
Wareham - Marion
showing test levels on bridges
over Weeantit River
taken October 24, 1904

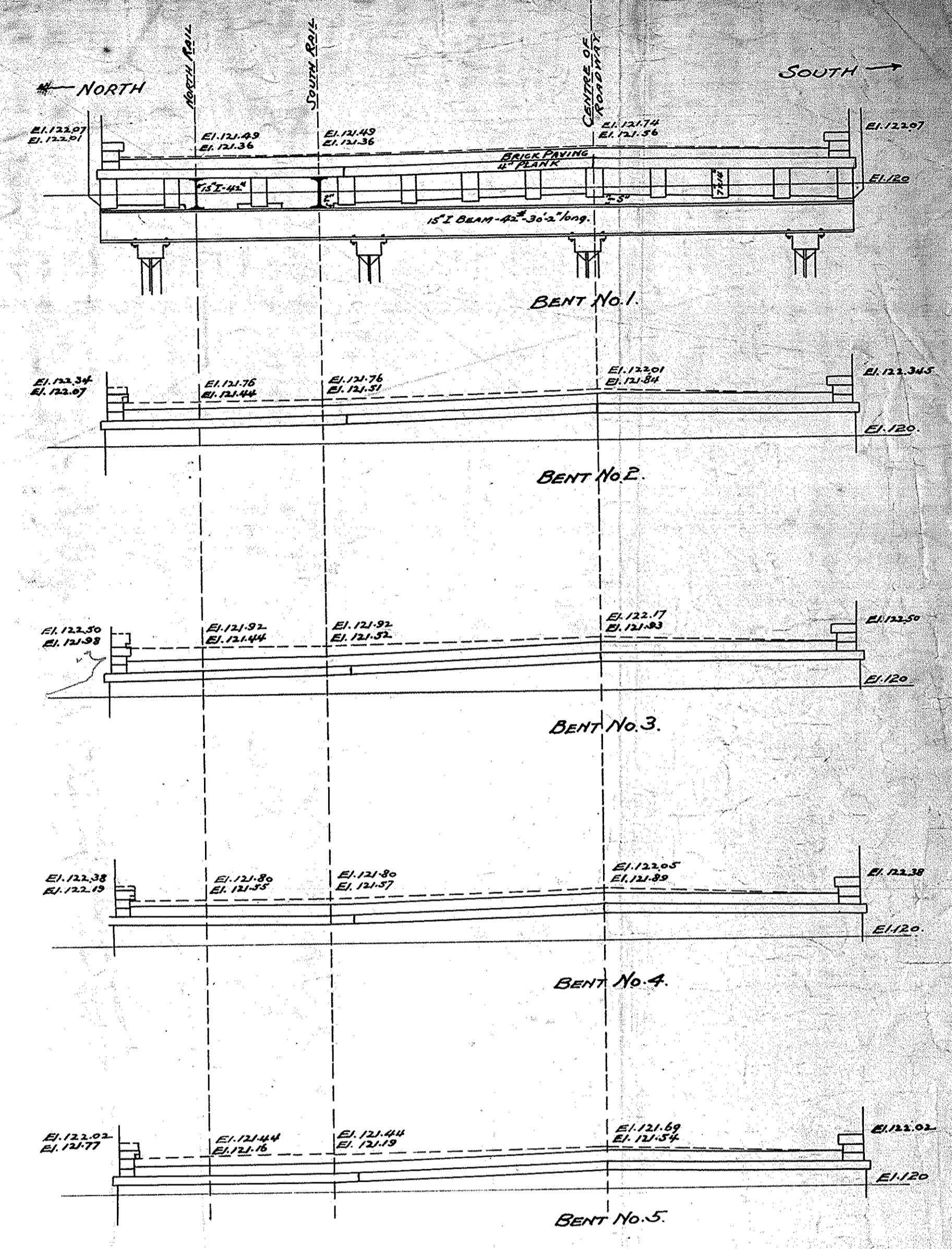


West Bridge
Cross-sections of Floor
Scale 1" = 4"

Note - Black stems elevations taken Oct. 24, 1904.
Red stems standard section of bridge, as built with elevations based on present elevation of top of wheel-guard on southerly side.

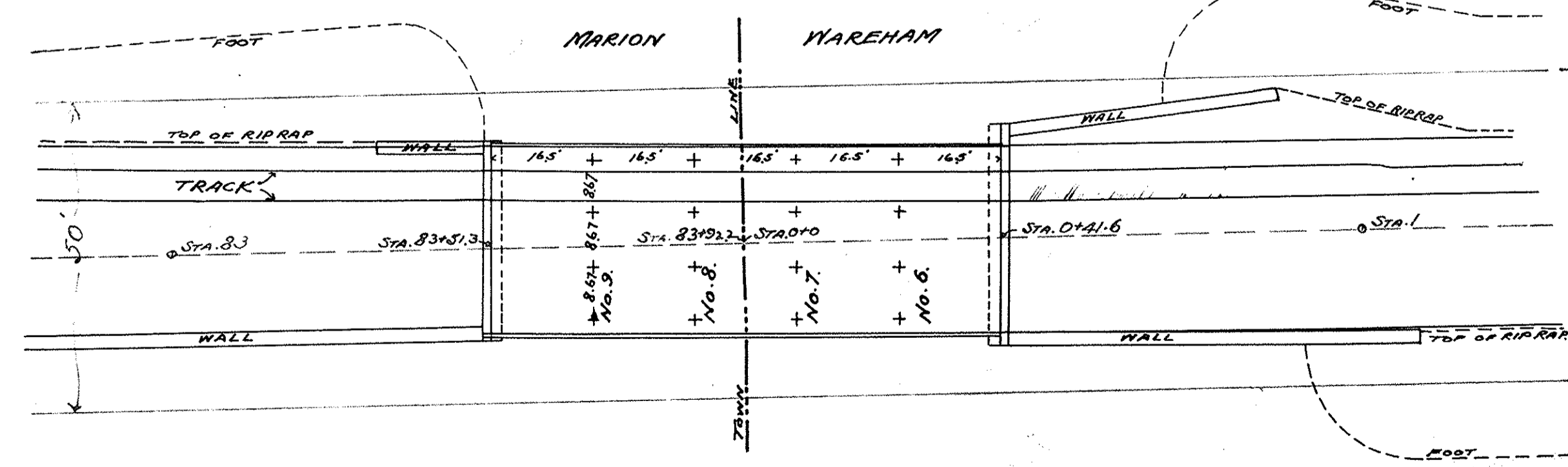


Profile of Top of Wheel-guard
Bridge at Sta. 513 Marion.
Note - Elevations of Northern wheel-guard in above.
Elevations of Southern wheel-guard in green.

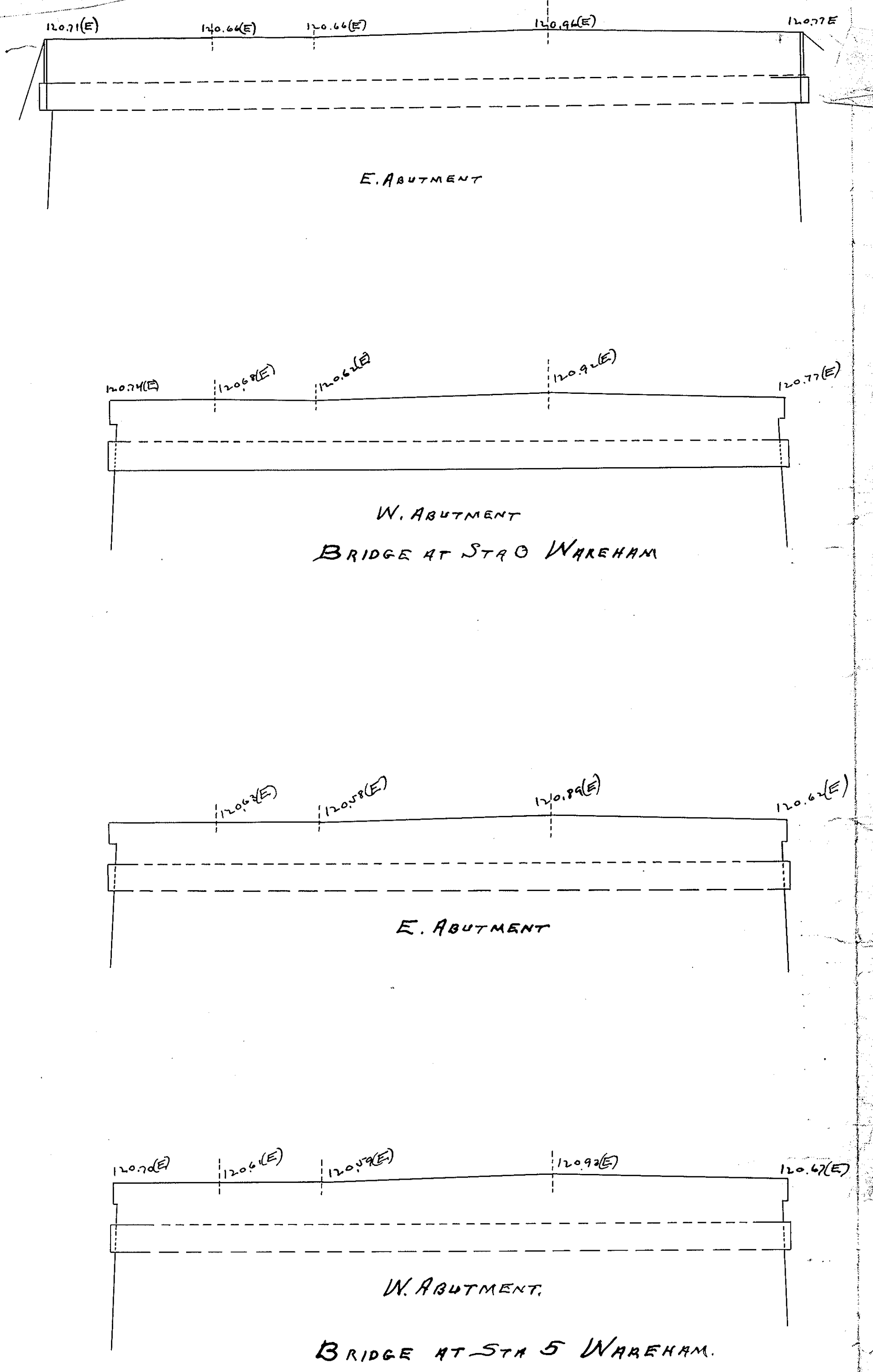
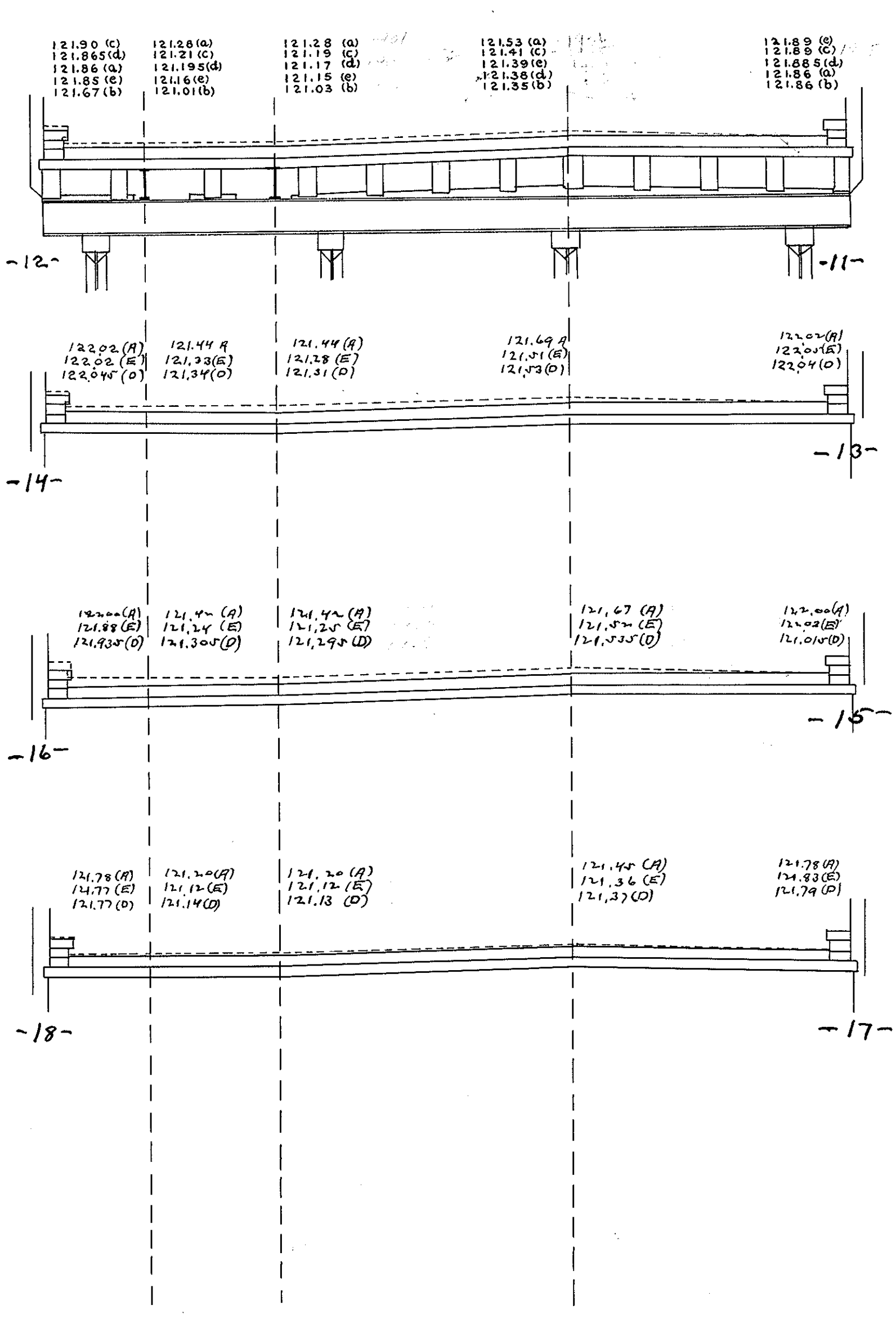
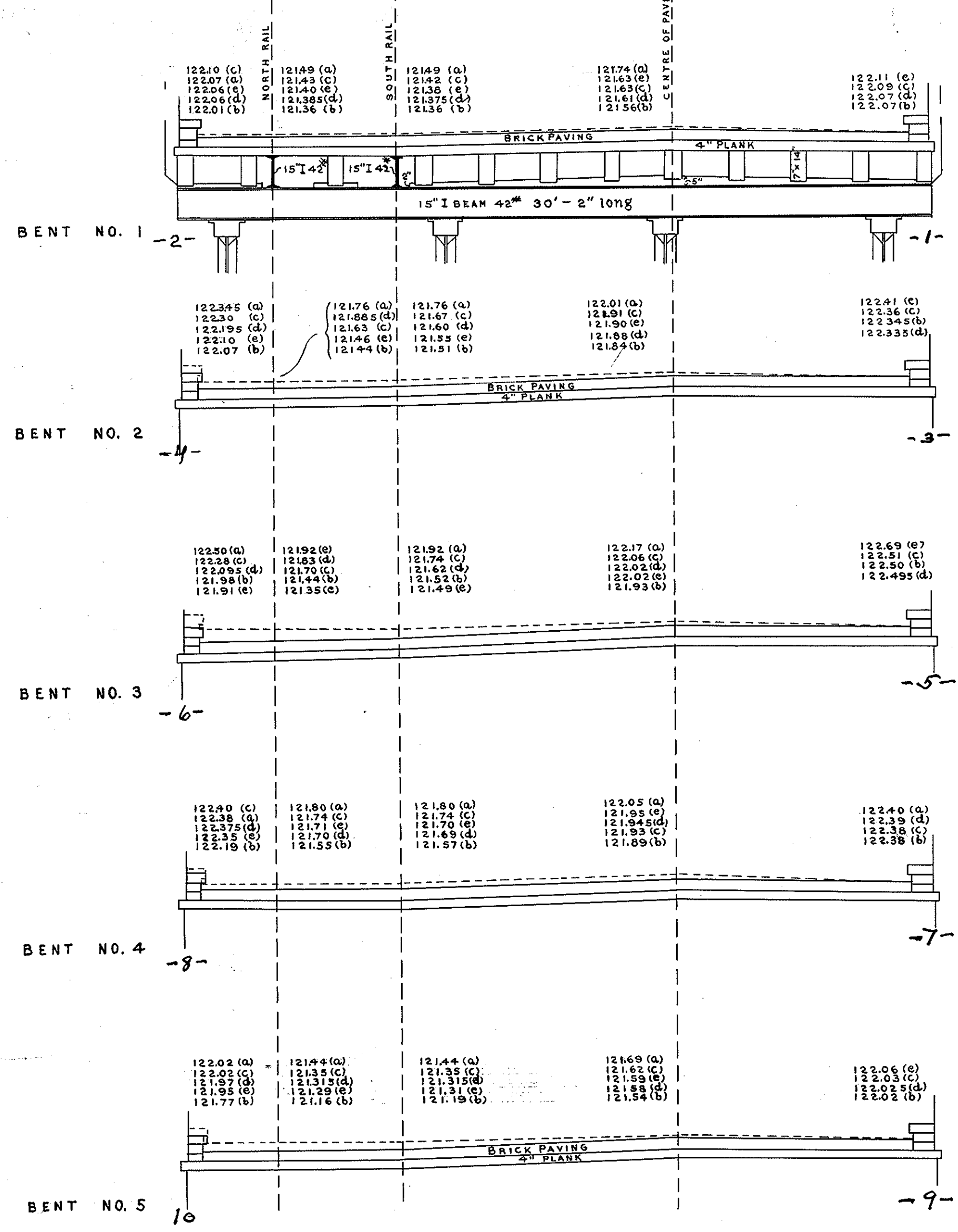


East Bridge
Cross-sections of Floor
Scale 1" = 4"

Note - Black stems elevations taken Oct. 24, 1904.
Red stems standard section of bridge, as built with elevations based on present elevation of top of wheel-guard on southerly side.



Plan showing location of Pile Bents.
Scale 1 1/2" = 20'



WAREHAM ~ MARION.
CROSS-SECTIONS SHOWING TEST LEVELS
ON BRIDGES
OVER THE WEWEANTIT RIVER.
~ SCALE 4 FT. TO 1 INCH ~
OCT. 27, 1904.

BRIDGE AT STA. 0- WAREHAM.
~ SCALE 4 ~

BRIDGE AT STA. 5± WAREHAM.
~ SCALE 4 ~

NOTE- SECTIONS OF BRIDGE TAKEN OCT. 24, 1904 SHOWN IN BLACK, AND ELEVATIONS MARKED (b)
STANDARD SECTIONS FROM PLAN OF BRIDGE AS BUILT, AND BASED
ON PRESENT ELEVATIONS OF TOP OF WHEEL GUARD ON SOUTHERLY
SIDE OF BRIDGE, SHOWN BY BROKEN LINE. THE ELEVATIONS OF SAME ARE MARKED (a).
ALL ELEVATIONS REFERRED TO BENCH AT STA. 76±54 MARION.
SEE NOTE-BOOK 169 PAGE 69.
ELEVATIONS TAKEN DEC. 18, 1906, MARKED (d)
" " OCT. 26, 1905, " (c)
" " APR. 21, 1909, " (e)

NOTE- BLACK SHOWS PROFILE OF TOP OF NORTHERLY WHEEL GUARD.

