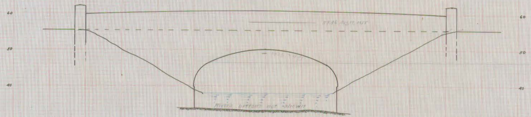
City of Hartford, Department of Engineering. Day Book No. 05595.
Elevations of Bridges and Dams along Park River Showing Open Waterways. Scale 1" = 10'

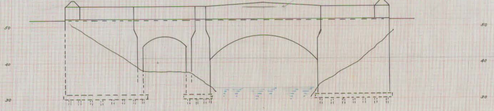

60
50
40
30
57.96 Aug.19, 1955
River bottom not shown
60
50
40
30

ALBANY AVE.
Projected on plane perpindicular to axis of arch. Skew - 70°-00'.

Bridge plan 66-12.

46.5 assumed flood limit
330 sq. ft. flood area
38.0 assumed normal water

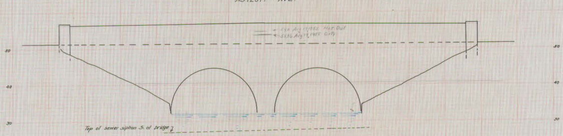
This space left for dam & bridge between
Asylum & Albany Aves.
1923 - 1 dam N. of [illegible] Ave
formerly 2 bridges since removed.


55.1 Aug.19, 1955
50
40
30
50
40
30

ASYLUM AVE.

Bridge plans 42-3,4.

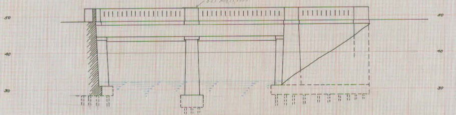
41.3 assumed flood limit
290 sq. ft. flood area
33.0 normal water


54.0 Aug.19, 1955 Met. Dist.
53.96 Aug.19, 1955 City
50
40
30
Top of sewer siphon S. of bridge
50
40
30

40.5 assumed flood limit
360 sq. ft. flood area
32.3 normal water

FARMINGTON AVE.

This space left for future bridge connecting Hawthorn St & House of Good Shepherd tract


521 Aug. 19, 1955
50
40
30
50
40
30

CAPITOL AVE. EXTENSION

Projected on plane perpindicular to faces of pier and abutments. Skew - 65°00'.

Bridge plan 96-8

40.0 assumed flood limit

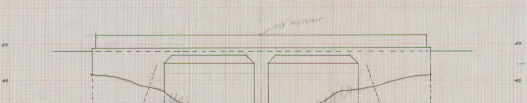
331 sq. ft. flood area

32.3 normal water

This space left for RR bridge, so called "Tin Bridge"

This space left for bridge widened as to capitol city... (Removed. Oct. 1924)

Space left for bridge site west of Newfield Ave. on South Branch


549 Aug. 19, 1955
50
40
30
50
40
30

NEWFIELD AVE.

Bridge plan 66-23

44.5 Flood April 7, 1924

42.0 assumed flood limit

421 sq. ft. flood area

32.5 normal water

45 sq. ft. normal area

47.1 - 1938

45.3 - 1936

Space left for future bridge near center of Elmwood St.

Bridge - Retreat Farm Sons

(bridge gone 1928)

left for

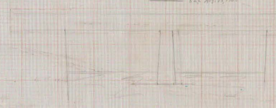
at

Space
future bridge
Grand Ave.

New Br.

44
32
12 x 50 = 624 sq ft

Present bridge
plan 68-24


52.2 Aug. 19, 1955
50
40
30

FLATBUSH AVE.

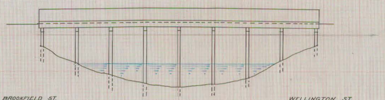
Former wood - Bridge truss, etc. - Notes 467 p.15,16,138
Bridge site - plans 234-31 + B-23
Sewer crossing plan 184-68

= 45.2 Sept 38
44 - Mar 36

A' 40 - 2 spans 25.7 x 51.7
" 32.5 2 " 25.7 x 51.5
ave 51.7 x 9.5 = 491' sf open

Flood area 51 x 22 - 44 12 x 50 = 600 sq ft

This space left for future bridge on
Sisterty St. Reality Co. Track

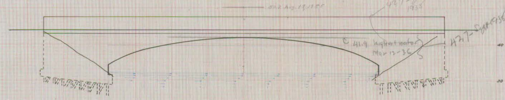


WILSON ST. + BROOKFIELD ST. WELLINGTON ST.

Projected on plane perpendicular to pile bents. Bridge skew -50°

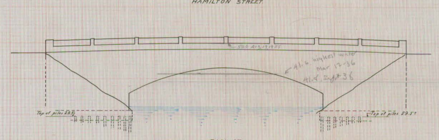
Bridge plan 186-70
40.1 assumed flood limit
480 sq. ft. flood area
32.3 normal water

43.0 Mar-36
44.0 Sept -38


52.2 Aug. 19, 1955
427 Sept 1938
41.9 highest water Mar 12-36
427- Sept 1938
40
30

HAMILTON STREET.

Bridge plan 40-17.
39.7 assumed flood limit
475 sq. ft. flood area
32.3 normal water
75 x 8 = 600 sq ft


50
40
30
50.0 Aug. 19, 1955
41.6 highest water Mar 12-36
41.8 Sept 38
Top of piles 29.5
Top of piles 29.5

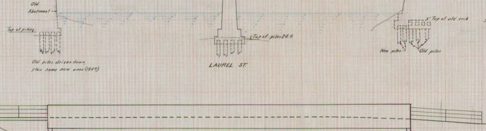
PARK ST.

Piles

Bridge plans 140-9,10,11 + 164-15,16.
39.8 assumed flood limit
356 sq. ft. flood area
32.2 normal water

This space left for
Billings + Spencer Spur Track

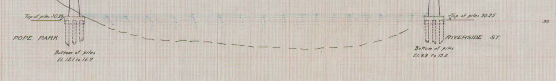
For bridges, etc. on north branch of Park River see beyond South Branch just above.


48.2 Aug. 19, 1955
℄ Street
Curb
New Seat
Old Abutment
Top of piles
Top of piles 24.4
Top of old crib
New piles
Old piles
40
30

Old piles driven down
plus some new ones (1907)

LAUREL ST.

Bridge - General plan 164-22
New Bridge Plans 68-19, 238-25
497 sq. ft. flood area
32.2 normal water

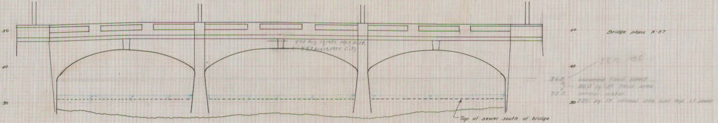

40
30
Top of piles 30.25
Top of piles 30.25

POPE PARK RIVERSIDE ST.

Bottom of piles
El. 12.1 to 16.7

Bottom of piles
El. 9.9 to 13.2

Bridge general plan 206-68
33.0 assumed flood limit
480 sq. ft. flood area
32.2 normal water level
210 sq. ft. normal area


50
40
30
20
47.0 Aug. 19, 1955 Met. Dist.
44.3 Aug. 19, 1955 City
Top of sewer south of bridge

CAPITOL AVE.
Projected on plane perpindicular to axis of piers and arches.
Skew - 58°

Bridge plans A-57

56.0 136

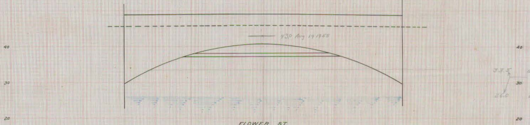
36.8 assumed flood limit
560 sq. ft. flood area
32.2 normal water
220 sq. ft. normal area over top of sewer

3 bridges, 1 canal conveyor, 1 dam

Put Screw Co. dam [illegible]
Top edge dam Elev 31.5

Put bridge behind former Pope works here

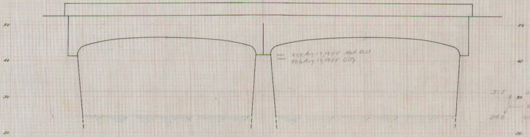
Put Pratt + Whitney Co. bridge here


40
30
20
43.0 Aug 19 1955

FLOWER ST.

Bridge shown on sewer detail sheets
202-50 and 345-3.

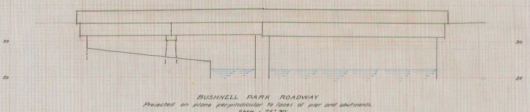
33.5 assumed flood limit
555 sq. ft. flood area
26.0 assumed normal water


50
40
30
20
41.4 Aug. 19, 1955 Met. Dist.
40.6 Aug. 19, 1955 City

BROAD ST.
Projected on plane perpindicular to faces of pier and abutments.
Skew - 59°-50'

General plan of bridge 60-3

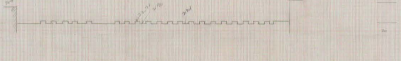
31.5 assumed flood limit
657 sq. ft. flood area
24.8 assumed normal water



BUSHNELL PARK ROADWAY
Projected on plane perpindicular to faces of pier and abutments.
Skew - 75° 30'

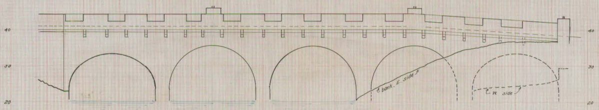
Bridge plan 66-6.

180 sq. ft. open between elevs 28 + 30
28.0 assumed flood limit
390 sq. ft. flood area
22.4 crest Stepping Stones dam


30
20
26.6
22.7
21.8
22.1
28.7

28.0 assumed flood limit
237 sq. ft. flood area
22.4 crest of dam

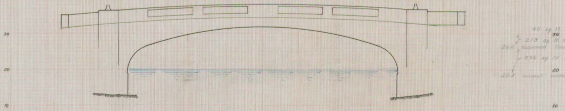
Stepping Stones Dam


40
30
20
℄ bank, E. side
W. side
TRINITY ST.
FORD ST.

Projected on plane perpendicular to axis of piers and arches.
Skew - 35° ±

Bridge plans -
Elevation 42.5
Parapet 138-1
N.E. cor. 202-66

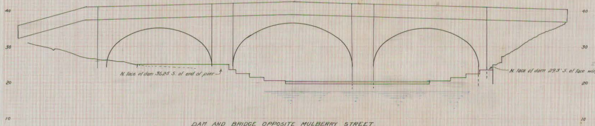
220 sq. ft. open between 27 + 30
27.0 assumed flood limit
465 sq. ft. flood area
20.5 normal water



OPPOSITE TRUMBULL STREET.

Bridge plans 142-18 and C-27,28,29.

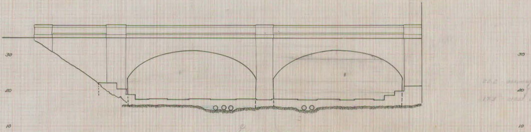
40 sq. ft. area opening above elev. 30.
213 sq. ft. area between elevs. 26. + 30.
26.0 assumed flood limit
396 sq. ft. flood area.
20.5 normal water


40
30
20
10
N. face of dam 36.25 S. of end of pier
N. face of dam 29.3' S. of face wing wall.

DAM AND BRIDGE OPPOSITE MULBERRY STREET.

Bridge plans A-44+45
Dam - notes 460 p. 141

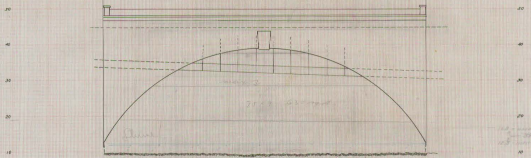
362 sq. ft. opening between 25.8 - 30
25.8 assumed flood limit
390 sq. ft. flood area under bridge
360 sq. ft. flood area over dam



DAM AND BRIDGE AT HUDSON STREET
Projected on plane perpendicular to axis of pier and arches.
Skew of bridge - 55°0'
Dam makes angle - 44° with above plane of projection.

Construction plan of bridge 68-18
" " " dam 18-24

Area above elev. 30 15 sq. ft.
Area between elevs. 30 + 22.2 = 390 sq. ft.
Opening under bridge below 22.2 = 500
Total opening under bridge. 905 " "
22.2 assumed flood limit
358 sq. ft. flood area under bridge + over dam
17.3 crest of dam

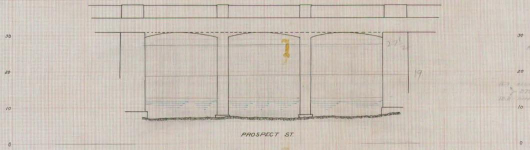

50
40
30
20
10

MAIN ST.

Bridge from 50-2.

Area opening between elevs. 16.8 + 30 = 936 sq. ft.

16.8 - assumed flood limit
394 sq. ft. flood area
12.3 - normal water

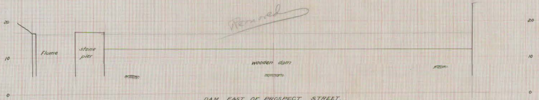

30
20
10
0
77½
19

PROSPECT ST.

Bridge plan 96-6.

Area openings between elev. 16.7 + elev. 30 = 770 sq. ft.

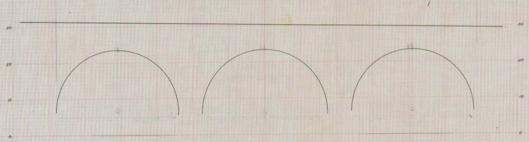
16.7 assumed flood limit
276 sq. ft. flood area
12.2 normal water


Removed
20
10
0
Flume
stone pier
wooden dam
20
10
0

DAM EAST OF PROSPECT STREET.

Projected onto plane perpendicular to river channel.

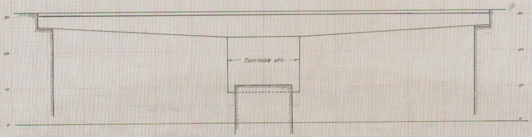
16.5 assumed flood limit
490 sq. ft. flood area
12.2 crest of dam


30
20
10
0
30
20
10
0

FRONT ST.

Plotted from plans 265-11 + 196-54
and notes 345 p76

±1500 sq. ft. Area of openings above elev. 5


30
20
10
0
Turntable etc.
30
20
10
0

COMMERCE ST.

Plotted from steel detail plans B-44

Area of openings between
elev. 5 + base of girders ±2000 sq. ft.

H E Lt Co. – conduit under river
+ coal conveyor over

Valley RR bridge

373
4

373
4

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