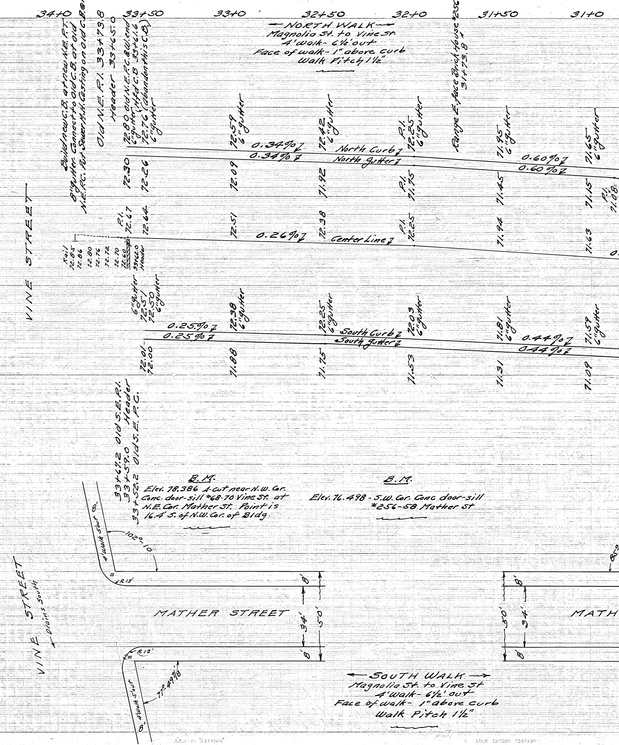
1871 Mather St Paving Profile

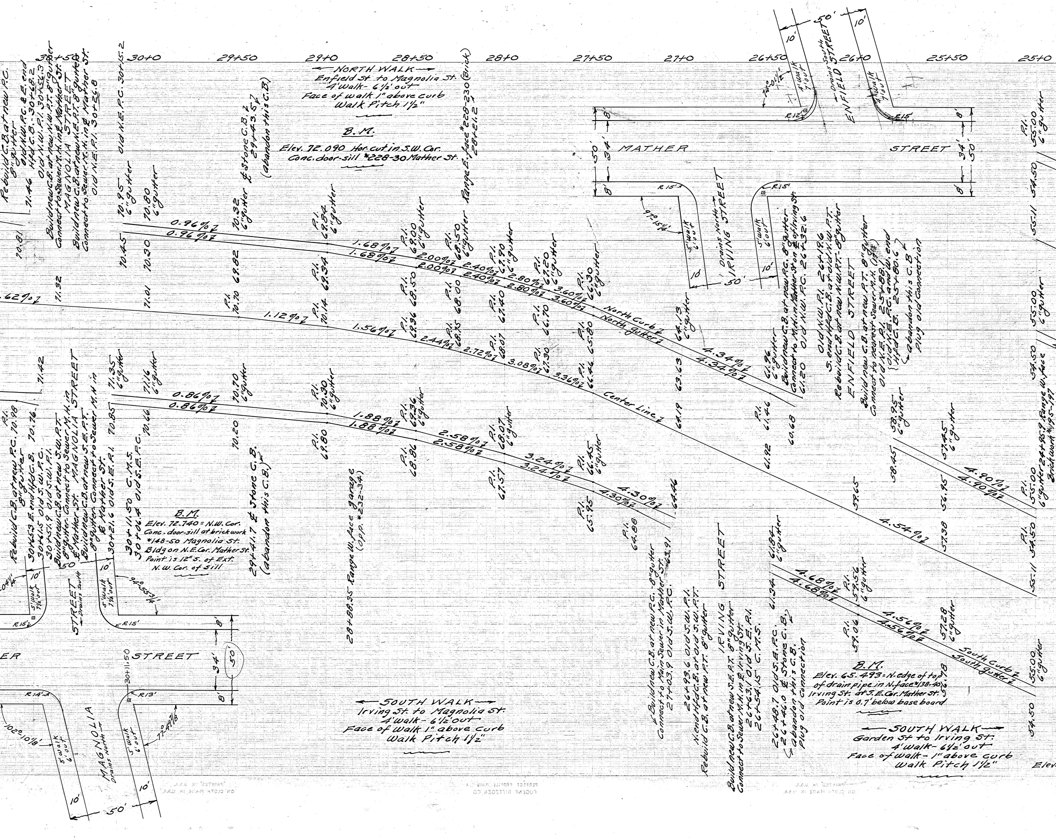

34+0
33+50
33+0
32+50
32+0
31+50
31+0
Build new C.B. at new N.E.P.T. 8" gutter. Connect to old C.B. at old N.E.P.C. Put Sewer M.H. Casting on old C.B. @ P.C.
Old N.E.P.I. 33+73.8
Header 33+65.0
72.80 old N.E.P.C. & W. end 6" gutter (Hfd C.B. 33+61.6)
72.76 (abandon this C.B.) 6" gutter
Range E. face Brick House *256-58 31+73.8
72.59 6" gutter
72.42 6" gutter
P.I. 72.25 6" gutter
71.95 6" gutter
71.65 6" gutter
0.34% North Curb
0.34% North Gutter
0.60%
0.60%
72.30
72.26
72.09
71.92
P.I. 71.75
71.45
71.15
P.I. 71.08
P.I. 72.67
72.64
72.51
72.38
P.I. 72.25
71.94
71.63
0.26% Center Line
Rail 72.85
72.86
72.80
72.76
72.72
72.70
72.60
33+62.0 Header
VINE STREET
6" gutter 72.51
72.50 6" gutter
72.38 6" gutter
72.25 6" gutter
72.03 6" gutter
71.81 6" gutter
71.59 6" gutter
0.25% South Curb
0.25% South Gutter
0.44%
0.44%
72.01
72.00
71.88
71.75
71.53
71.31
71.09
33+67.2 Old S.E.P.I.
33+59.0 Header
33+52.2 Old S.E.P.C.
8'
4' Walk 5' out
102° 10'
R15'
MATHER STREET
8'
34'
50'
R12'
77° 49 7/8
4' Walk 5' out
8'
VINE STREET
Drains South
MATH

← NORTH WALK →
Magnolia St. to Vine St.
4' Walk - 6½" out
Face of walk - 1" above curb
Walk Pitch 1½"

B.M.
Elev. 78.386 △-cut near N.W. Cor. Conc. door-sill *68-70 Vine St. at N.E. Cor. Mather St. Point is 16.4' S. of N.W. Cor. of Bldg.

B.M.
Elev. 76.498 - S.W. Cor. Conc door-sill *256-58 Mather St

← SOUTH WALK →
Magnolia St. to Vine St
4' Walk - 6½' out
Face of walk - 1" above curb
Walk Pitch 1½"



30+50
30+0
29+50
29+0
28+50
28+0
27+50
27+0
26+50
26+0
25+50
25+0
MATHER STREET
ENFIELD STREET
Drains South
IRVING STREET
Drains North
MAGNOLIA STREET
Drains South
MAGNOLIA
Drains North
North Curb
North Gutter
Center Line
South Curb
South Gutter
0.96%
1.68%
2.00%
2.40%
2.80%
3.60%
4.34%
0.62%
1.12%
1.56%
2.44%
2.72%
3.08%
3.36%
4.54%
0.86%
1.88%
2.58%
3.24%
4.30%
4.68%
4.56%
4.90%
50'
34'
8'
10'
R15'
R14'
R13'
R12'
5' walk 6½' out
Rebuild C.B. at new P.C. 8" gutter
Old N.W. P.C. & E. end Hfd C.B. 30+68.2
Old N.W. P.I. 30+54.3
Build new C.B. at new N.W. P.T. 8" gutter Connect to Sewer M.H. in Mather St.
MAGNOLIA STREET
Build new C.B. at new N.E. P.T. 8" gutter Connect to Sewer M.H. in Mather St.
Old N.E. P.I. 30+26.8
Old N.E. P.C. 30+15.2
£ Stone C.B. 29+43.57 (abandon this C.B.)
Range E. face #228-230 (Brick) 28+21.2
Build new C.B. at new P.C. 8" gutter Connect to M.H. in Mather St. on £ of Irving St.
Old N.W. P.C. 26+32.6
Old N.W. P.I. 26+19.6
S. end Hfd C.B. at old N.W. P.T.
Rebuild C.B. at new N.W. P.T. 8" gutter
ENFIELD STREET
Build new C.B. at new P.T. 8" gutter Connect to nearest Sewer M.H. (Irving)
Old N.E. P.I. 25+89.1
Old N.E. P.C. and W. end Hfd C.B. 25+80.6 (abandon this C.B.) Plug old connection
Rebuild C.B. at new P.C. 8" gutter
30+65.3 E. end Hfd C.B.
30+61.5 Old S.W. P.C.
30+51.9 Old S.W. P.I.
Build new C.B. at new S.W. P.T. 8" gutter Connect to Sewer M.H. in £ Mather St.
Build new C.B. at new S.E. P.T. 8" gutter Connect to Sewer M.H. in £ Mather St.
30+21.6 £ S.E. P.I.
30+11.50 C.M.S.
30+06.4 Old S.E. P.C.
29+41.7 £ Stone C.B. (abandon this C.B.)
28+88.35 Range W. face garage (Opp. #232-34)
Build new C.B. at new P.C. 8" gutter Connect to Main Sewer in Mather St.
27+03.9 Old S.W. P.C.
26+93.6 Old S.W. P.I.
N. end Hfd C.B. at old S.W. P.T.
Rebuild C.B. at new P.T. 8" gutter
IRVING STREET
Build new C.B. at new S.E. P.T. 8" gutter Connect to Sewer M.H. in £ Irving St.
26+63.1 Old S.E. P.I.
26+54.15 C.M.S.
26+48.1 Old S.E. P.C.
26+46.0 £ Stone C.B. (abandon this C.B.) Plug old connection
Range W. face 24+95.9 Brickwork #195-197
30+11.50
P.I.
6" gutter
8" gutter
70.81
71.46
71.32
71.42
70.98
70.76
70.85
70.95
70.80
70.45
70.30
71.01
70.70
71.35
71.16
70.66
70.32
69.82
70.14
70.10
70.20
69.84
69.34
70.30
69.80
69.00
68.50
69.36
68.86
68.50
68.00
68.75
68.07
67.57
67.90
67.40
68.01
67.20
66.70
67.30
66.30
65.80
66.46
66.45
65.95
64.13
63.63
64.19
64.46
63.91
64.88
61.92
61.96
61.46
61.50
60.68
61.84
61.34
59.56
59.06
59.65
58.95
58.45
57.45
56.95
57.28
57.38
56.78
55.00
54.50
55.11
Elev.

NORTH WALK
Enfield St to Magnolia St.
4' Walk - 6½' out
Face of walk 1" above curb
Walk Pitch 1½"

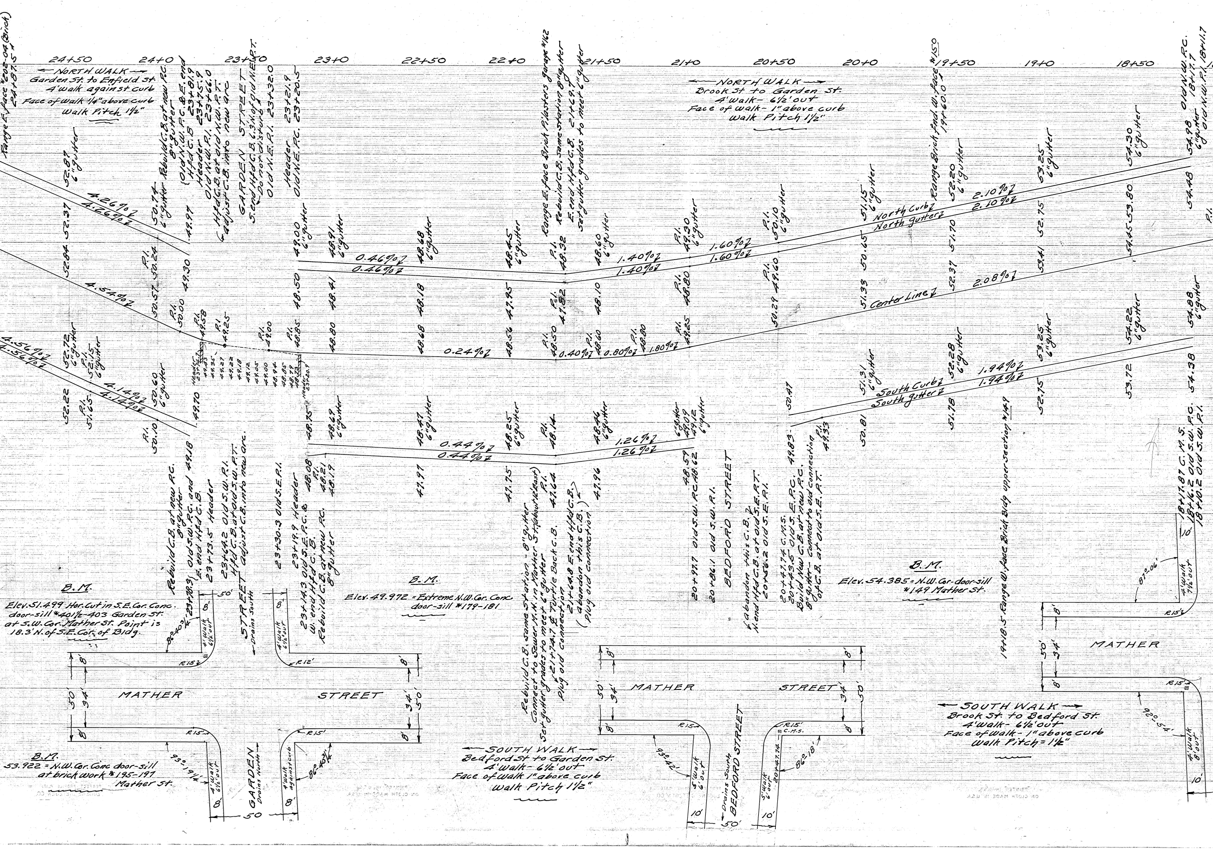
B.M.
Elev. 72.090 Hor. cut in S.W. Cor.
Conc. door-sill #228-30 Mather St.

B.M.
Elev. 72.740 = N.W. Cor.
Conc.-door-sill at brickwork
#148-50 Magnolia St.
Bldg on N.E. Cor. Mather St.
Point is 12" S. of Ext.
N.W. Cor. of Sill

SOUTH WALK
Irving St. to Magnolia St.
4' walk - 6½' out
Face of Walk 1" above curb
Walk Pitch 1½"

B.M.
Elev. 65.493 = N. edge of top
of drain pipe in N. face #138-40
Irving St. at S.E. Cor. Mather St.
Point is 0.7' below base board

SOUTH WALK
Garden St to Irving St.
4' walk - 6½' out
Face of walk - 1" above curb
Walk Pitch 1½"



24+50
24+0
23+50
23+0
22+50
22+0
21+50
21+0
20+50
20+0
19+50
19+0
18+50
Range E. face #202-04 (Brick) 24+87.5
Rebuild C.B. at new P.C. 8" gutter
Old N.W. P.C. & E. end Hfd C.B. 23+81.9
Header 23+75.9
Old N.W. P.I. 23+66.0
Hfd C.B. at old N.W. P.T. Adjust C.B. into new arc
GARDEN STREET
5. end Hfd C.B. 6.3' N. of old N.E. P.T. Do not disturb
Old N.E. P.I. 23+32.0
Header 23+21.9
Old N.E. P.C. 23+20.5
Range E. face Brick Plasters garage #162
Rebuild C.B. same station 8" gutter
E. end Hfd C.B. 21+69.7
Set gutter grades to meet 6" gutter
Range Brick fnd. W. face #150 19+60.0
Old N.W. P.C. 18+17.7
Old N.W. P.I. 18+11.7
North Curb
North Gutter
Center Line
South Curb
South Gutter
4.26%
4.54%
4.56%
4.14%
0.46%
0.24%
0.40%
0.80%
1.80%
1.40%
1.60%
2.10%
2.08%
1.94%
0.44%
1.26%
52.87
52.37
52.84
50.77
50.57
50.24
49.97
49.30
49.58
49.25
49.00
48.85
48.50
48.41
48.18
47.95
48.32
47.82
48.10
48.80
49.60
50.29
50.65
51.33
51.15
51.70
52.37
52.20
52.75
53.25
53.41
53.80
54.45
54.30
54.48
54.98
52.72
52.15
52.22
51.65
50.60
50.10
49.70
48.80
48.68
48.56
48.50
48.60
48.80
48.85
48.75
48.69
48.47
48.25
48.14
48.46
49.09
49.12
48.08
48.21
48.19
47.91
47.75
47.64
47.96
48.59
48.62
50.41
49.83
49.33
50.81
51.31
51.78
52.28
52.75
53.25
53.72
54.22
54.38
54.08
P.I.
6" gutter
Header 23+72.5
Header 23+20.9
Rebuild C.B. at new P.C. 8" gutter
23+78.3 Old S.W. P.C. and E. end Hfd C.B. 49.18
23+73.5 Header
23+64.2 Old S.W. P.I.
Hfd C.B. at old S.W. P.T. Adjust C.B. into new arc
STREET Drains South
23+30.3 Old S.E. P.I.
23+19.9 Header
23+14.3 Old S.E. P.C. & W. end Hfd C.B.
Rebuild C.B. at new P.C. 8" gutter
Rebuild C.B. same station - 8" gutter
Connect to Sewer M.H. in Mather St. (about 12' East)
Set gutter grades to meet 6" gutter
21+74.7 Turtle Back C.B.
Plug old connection
21+64.8 E. end Hfd C.B. (abandon this C.B.) (plug old connection)
20+97.7 Old S.W. P.C.
20+86.1 Old S.W. P.I.
BEDFORD STREET
abandon this C.B.
N. end Hfd C.B. at old S.E. P.T.
20+56.2 Old S.E. P.I.
20+47.74 C.M.S.
20+43.5 Old S.E. P.C.
Build New C.B. at new P.C.
8" gutter - Connect to old connection of C.B. at old S.E. P.T.
19+18.5 Range W. face Brick Bldg upper section #149
18+17.87 C.M.S.
18+16.2 Old S.W. P.C.
18+10.2 Old S.W. P.I.
MATHER STREET
MATHER
STREET
GARDEN Drains North
BEDFORD STREET Drains South
50'
34'
8'
10'
50
R15'
R12'
86°40'3/4
93°19'1/4
86°40'3/4
93°42'
86°18'
87°06'
92°54'
4' Walk 6½' out
4' Walk against curb
5' Walk 6' out
4' Walk 7½' out
4' Walk 8' out
C.M.S.
20+47.74

← NORTH WALK →
Garden St. to Enfield St.
4' walk against st curb
Face of walk ¼" above curb
Walk Pitch 1½"

← NORTH WALK →
Brook St to Garden St.
4' Walk - 6½' out
Face of walk - 1" above curb
Walk Pitch 1½"

B.M.
Elev. 51.499 Hor. Cut in S.E. Cor. Conc. door-sill #401½-403 Garden St. at S.W. Cor. Mather St. Point is 18.3' N. of S.E. Cor. of Bldg.

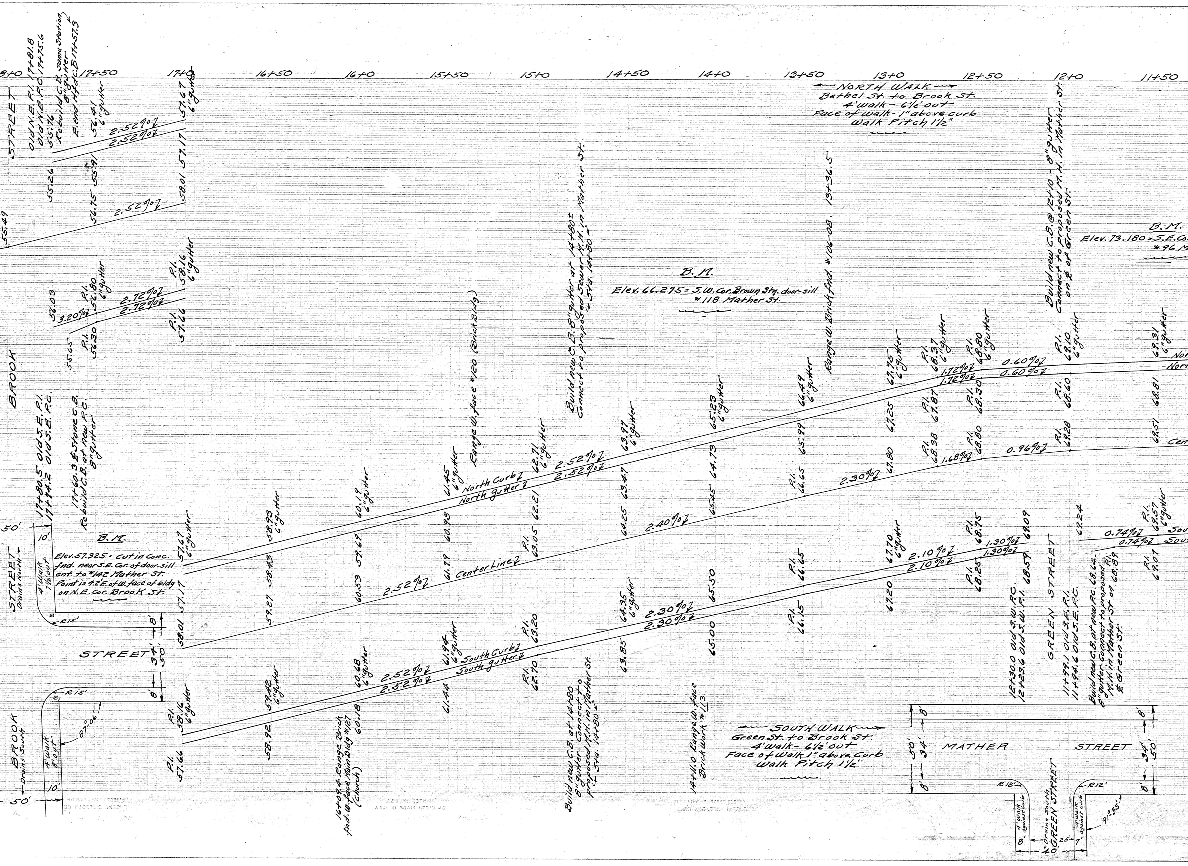
B.M.
53.922 = N.W. Cor. Conc door-sill at brick work #195-197 Mather St.

B.M.
Elev. 49.972 = Extreme N.W. Cor. Conc door-sill #179-181

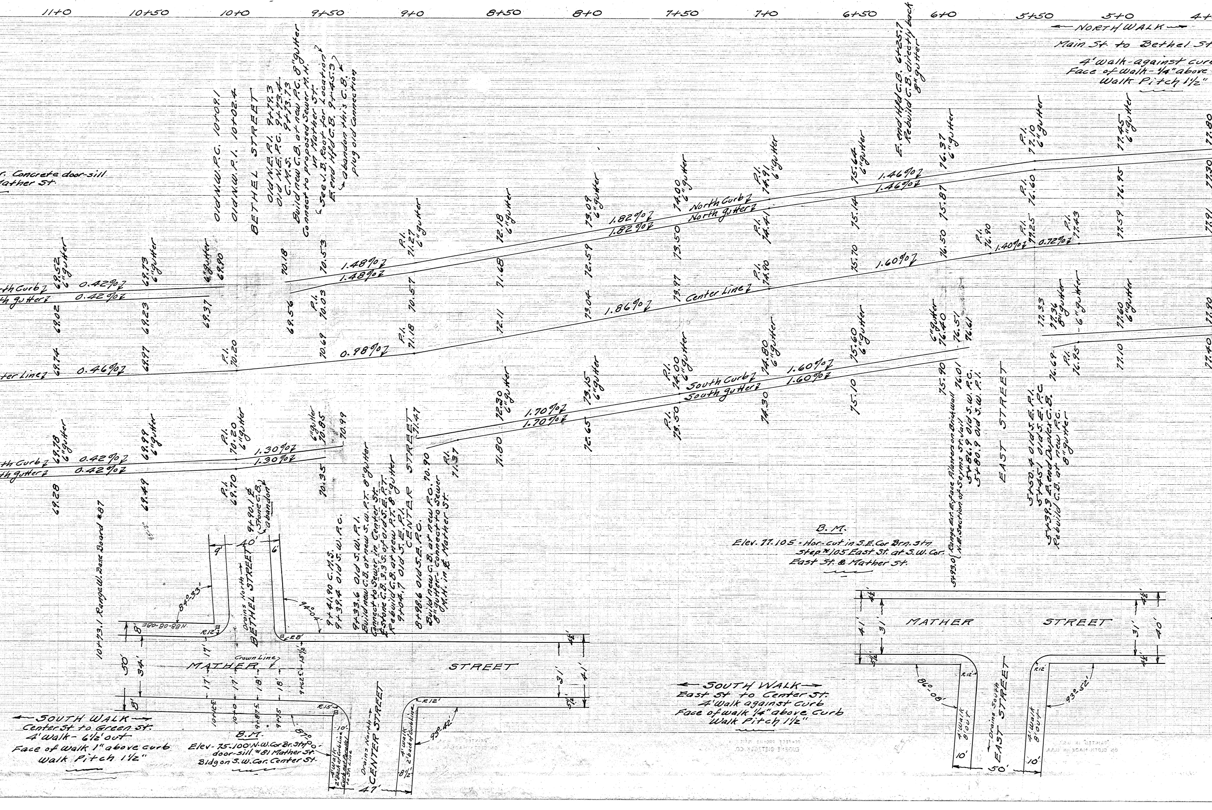
← SOUTH WALK →
Bedford St to Garden St.
4' Walk - 6½' out
Face of walk 1" above curb
Walk Pitch 1½"

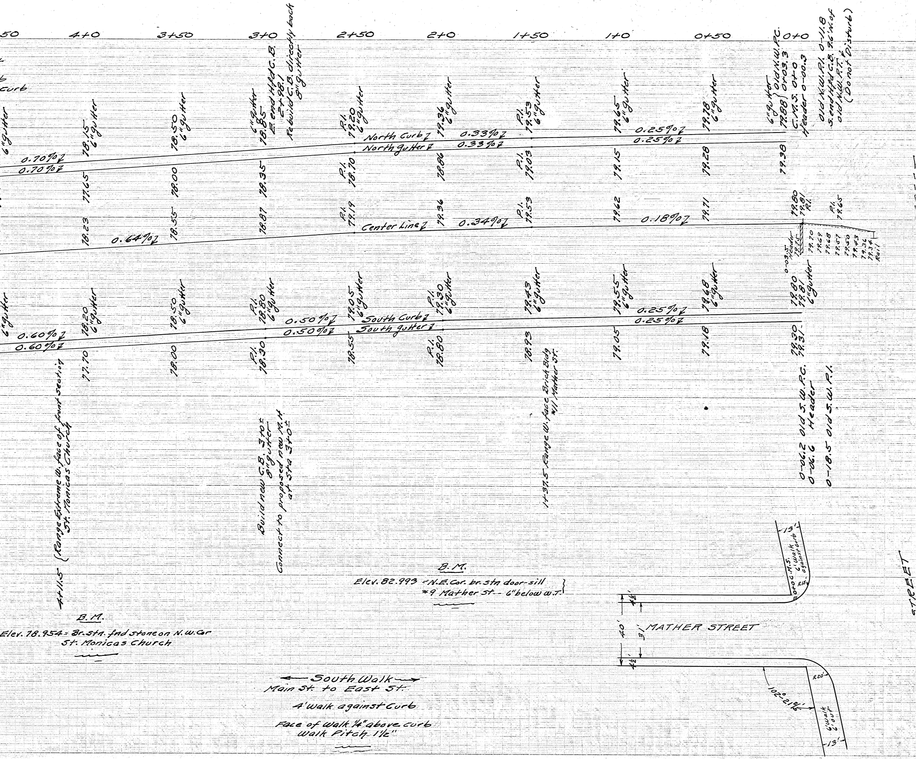
B.M.
Elev. 54.385 = N.W. Cor. door-sill #149 Mather St.

← SOUTH WALK →
Brook St. to Bedford St.
4' Walk - 6½' out
Face of Walk - 1" above curb
Walk Pitch = 1½"



18+0
17+50
17+0
16+50
16+0
15+50
15+0
14+50
14+0
13+50
13+0
12+50
12+0
11+50
BROOK STREET
Old N.E. P.I. 17+81.8
Old N.E. P.C. 17+75.6
Rebuild C.B. Same Station 8" gutter
E. end H'd C.B. 17+57.3
55.49
55.76
55.26
56.41 6" gutter
55.91
56.75
2.52%↗
2.52%↗
2.52%↗
57.67 6" gutter
57.17
58.01
56.03
55.65
3.20%↗
P.I. 56.80 6" gutter
P.I. 56.30
2.72%↗
2.72%↗
P.I. 58.16 6" gutter
P.I. 57.66
17+80.5 Old S.E. P.I.
17+74.2 Old S.E. P.C.
17+60.3 E. Stone C.B.
Rebuild C.B. at new P.C. 8" gutter
B.M.
Elev. 57.325 - cut in Conc. fnd. near S.E. Cor. of door-sill ent. to #142 Mather St. Point is 4.2'E. of W. face of bldg on N.E. Cor. Brook St.
STREET Drains North
4' Walk 7½' out
10'
50'
R15'
8'
34'
50'
STREET
R15'
8'
87°-06'
BROOK Drains South
4' Walk 8' out
10'
50'
57.67 6" gutter
57.17
58.01
58.93 6" gutter
58.43
59.27
60.19 6" gutter
59.69
60.53
61.45 6" gutter
60.95
61.79
Range W. face #120 (Brick Bldg)
62.71 6" gutter
62.21
P.I. 63.05
North Curb↗
North gutter↗
2.52%↗
2.52%↗
Center Line↗
2.52%↗
2.40%↗
58.42 6" gutter
58.92
60.68 6" gutter
60.18
16+09.4 Range Brick fnd. W. face Main Bldg #127 (Church)
61.94 6" gutter
61.44
South Curb↗
South gutter↗
2.52%↗
2.52%↗
P.I. 63.20
P.I. 62.70
Build new C.B. 8" gutter at 14+80± Connect to proposed Sewer M.H. in Mather St. @ Sta. 14+80±
B.M.
Elev. 66.275 = S.W. Cor. Brown Sty. door-sill #118 Mather St.
63.97 6" gutter
63.47
64.25
64.35 6" gutter
63.85
65.23 6" gutter
64.73
65.45
65.50
65.00
2.30%↗
2.30%↗
Build new C.B. at 14+80 8" gutter. Connect to proposed M.H. in Mather St. @ Sta. 14+80
14+11.0 Range W. face Brick Work #113
Range W. Brick fnd. #106-08. 13+36.5
66.49 6" gutter
65.99
P.I. 66.65
P.I. 66.65
P.I. 66.15
2.30%↗
← NORTH WALK →
Bethel St. to Brook St.
4' walk - 6½' out
Face of walk - 1" above curb
Walk Pitch 1½"
67.75 6" gutter
67.25
67.80
67.70 6" gutter
67.20
P.I. 68.31 6" gutter
P.I. 67.81
P.I. 68.38
1.72%↗
1.72%↗
1.68%↗
P.I. 68.80 6" gutter
P.I. 68.30
P.I. 68.80
0.60%↗
0.60%↗
0.96%↗
2.10%↗
2.10%↗
P.I. 68.75
P.I. 68.25
1.30%↗
1.30%↗
69.09
68.59
12+30.0 Old S.W. P.C.
12+23.6 Old S.W. P.I.
GREEN STREET
Build new C.B. @ 12+10 8" gutter
Connect to proposed M.H. in Mather St. on ℄ of Green St.
P.I. 69.10 6" gutter
P.I. 68.60
P.I. 69.28
69.24
B.M.
Elev. 73.180 = S.E. Co
#96 M
69.31 6" gutter
68.81
69.51
No
Nor
Cen
11+99.1 Old S.E. P.I.
11+94.6 Old S.E. P.C.
Build new C.B. at new P.C. 68.64 8" gutter. Connect to proposed M.H. in Mather St. on ℄ Green St.
P.I. 68.89
0.74%↗
0.74%↗
P.I. 69.57 6" gutter
P.I. 69.07
Sou
Sou
← SOUTH WALK →
Green St. to Brook St.
4' walk - 6½' out
Face of Walk 1" above Curb
Walk Pitch 1½"
MATHER
STREET
8'
34'
50'
8'
R12'
R12'
4' walk against curb
4' walk against curb
Drains South
GREEN STREET
8'
25'
7'
40'
91°-35'


11+0
10+50
10+0
9+50
9+0
8+50
8+0
7+50
7+0
6+50
6+0
5+50
5+0
← NORTH WALK →
Main St. to Bethel St
4' walk-against curb
Face of walk-1/4" above
Walk Pitch 1½"
Concrete door-sill
Mather St.
Old N.W. P.C. 10+09.1
Old N.W. P.I. 10+02.4
BETHEL STREET
Old N.E. P.I. 9+79.3
Old N.E. P.C. 9+73.4
C.M.S. 9+73.73
Build new C.B. at new P.C. 8" gutter
Connect to proposed Sewer M.H.
in Mather St.
See J.B. Root for Location
E end Hfd C.B. 9+45.3
Abandon this C.B.
plug old Connection
E end Hfd C.B. 6+25.7
Rebuild C.B. directly back
8" gutter
North Curb
North gutter
Center Line
South Curb
South gutter
0.42%
0.46%
1.48%
0.98%
1.82%
1.86%
1.46%
1.60%
1.40%
0.72%
1.30%
1.70%
P.I.
6" gutter
8" gutter
69.52
69.02
69.74
69.73
69.23
69.97
69.90
69.37
70.20
70.18
70.53
69.56
70.03
70.69
70.57
71.27
71.18
72.18
71.68
72.11
73.09
72.59
73.04
74.00
73.50
73.91
74.91
74.41
74.90
75.64
75.14
75.70
76.37
75.81
76.50
76.90
77.10
76.60
77.25
77.43
77.45
76.95
77.59
77.80
77.30
77.91
69.78
69.28
69.99
69.49
70.20
69.70
70.85
70.35
70.99
71.41
70.90
71.31
72.30
71.80
73.15
72.65
74.00
73.50
74.80
74.30
75.60
75.10
76.40
76.51
76.61
75.90
76.01
77.33
77.36
76.69
76.95
77.60
77.10
77.90
77.40
9+90.1 ℄ (Stone C.B.) abandon
9+41.90 C.M.S.
9+39.4 Old S.W. P.C.
9+33.6 Old S.W. P.I.
Build new C.B. at new S.W. P.T. 8" gutter
Connect to Sewer in Center St.
℄ stone C.B. 3.3' S. of old S.E. P.T.
Rebuild C.B. at new P.T. 8" gutter
9+04.7 Old S.E. P.I.
CENTER STREET
8+98.6 Old S.E. P.C.
Build new C.B. at new P.C. 70.90
8" gutter - Connect to Sewer
M.H. in ℄ Mather St.
5+93.0 Range Ext. E. face Pilasters on Brick Wall N.E. Section of Seyms St. Jail
5+86.9 Old S.W. P.C.
5+80.9 Old S.W. P.I.
EAST STREET
5+50.4 Old S.E. P.I.
5+45.1 Old S.E. P.C.
5+39.3 E end Duplex C.B.
Rebuild C.B. at new P.C.
8" gutter
B.M.
Elev. 77.105 - Hor-cut in S.E. Cor. Brn. Stn. Step #105 East St. at S.W. Cor. East St. & Mather St.
10+73.1 Range W. Base Board #87
N88°-08'-30"E
84°-33'
9'
40'
6'
Drains North
BETHEL STREET
R12'
R8'
94°-04'
8'
50'
34'
17'
17'
17'
17'
18'
18'
15½'
Crown Line
MATHER
STREET
10+25
10+0
9+87.5
9+75
9+62.5
R15'
87°-00'
-10'-
4' walk 2' back of Curb Line Curb not Parallel to St. Line
Drains North
CENTER STREET
4' walk 2' back of Curb Line
R12'
93°-42'
8½'
47'
4½'
31'
41'
5½'
B.M.
Elev-75.100 N.W. Cor. Br. Stn. door-sill #81 Mather St. Bldg on S.W. Cor. Center St.
← SOUTH WALK →
Center St. to Green St.
4' Walk - 6½' out
Face of Walk 1" above curb
Walk Pitch 1½"
4½'
3'
4'
MATHER
STREET
3'
40'
86°-08'
R12'
4' walk 8' out
10'
Drains South
EAST STREET
50'
R12'
4' walk 8' out
93°-52'
10'
← SOUTH WALK →
East St. to Center St.
4' Walk against Curb
Face of walk 1/4" above Curb
Walk Pitch 1½"


50
4+0
3+50
3+0
2+50
2+0
1+50
1+0
0+50
0+0
curb
6"gutter
18.15 6"gutter
18.50 6"gutter
6"gutter 18.85
E. end H.fd C.B. 2+98.1
Rebuild C.B. directly back 8"gutter
P.I. 19.20 6"gutter
19.36 6"gutter
P.I. 19.53 6"gutter
19.65 6"gutter
19.78 6"gutter
6"gutter 19.88 Old N.W. P.C. 0+03.3
C.M.S. 0+0 Header 0-00.3
Old N.W. P.I. 0-11.8
S. end H.fd C.B. 9.6' N. of Old N.W. P.T.
(Do not Disturb)
North Curb
North gutter
0.70%
0.70%
0.33%
0.33%
0.25%
0.25%
17.65
18.00
18.35
P.I. 18.70
18.86
P.I. 19.03
19.15
19.28
19.30
18.23
18.55
18.87
P.I. 19.19
19.36
P.I. 19.53
19.62
19.71
19.80 19.81 P.I.
P.I. 19.65
Center Line
0.64%
0.34%
0.18%
0-03.5 Header 19.75
19.70
19.69
19.68
19.57
19.50
19.43
19.36
19.34 Rail
6"gutter
18.20 6"gutter
18.50 6"gutter
P.I. 18.80 6"gutter
19.05 6"gutter
P.I. 19.30 6"gutter
19.43 6"gutter
19.55 6"gutter
19.68 6"gutter
19.80 19.81 6"gutter
South Curb
South gutter
0.60%
0.60%
0.50%
0.50%
0.25%
0.25%
17.70
18.00
P.I. 18.30
18.55
P.I. 18.80
18.93
19.05
19.18
19.30 19.31
4+11.5 (Range Extreme W. face of front section St. Monicas Church
Build new C.B. 3+0± 8"gutter
Connect to proposed new M.H. at Sta 3+0±
1+37.5 Range W. face Brick Bldg #11 Mather St.
0-06.2 Old S.W. P.C.
0-06.6 Header
0-18.5 Old S.W. P.I.
13'
0+0 C.M.S.
6' walk against curb
R15'
4½'
40'
31'
MATHER STREET
4½'
R20'
102°-21½'
6' walk 6' out
13'
STREET

B.M.
Elev. 82.993 = N.E. Cor. br. stn door-sill
*9 Mather St. – 6" below W.T.

B.M.
Elev. 78.954 = Br. stn. fnd stone on N.W. Cor
St. Monicas Church

← South Walk →
Main St. to East St.

4' Walk against Curb

Face of Walk ¼" above curb
Walk Pitch 1½"