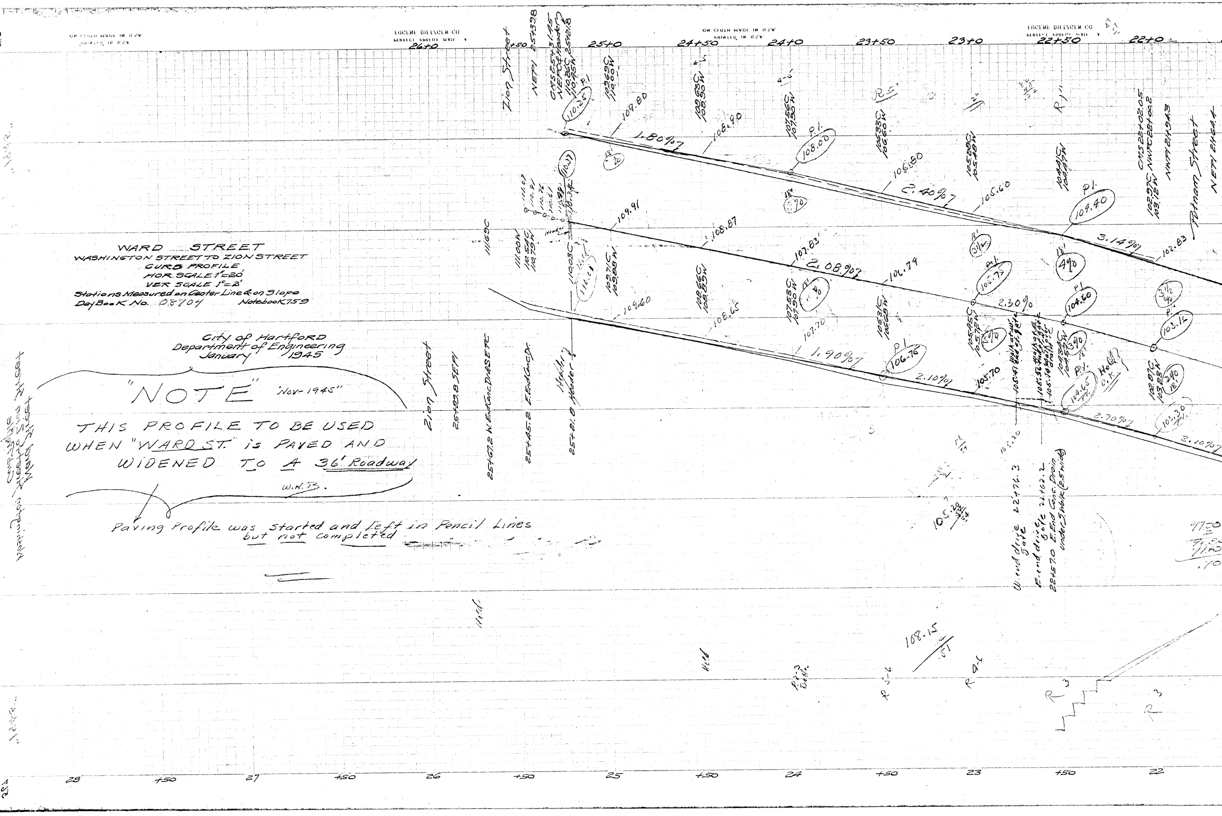


WARD STREET
WASHINGTON STREET TO ZION STREET
CURB PROFILE
HOR. SCALE 1"=20'
VER SCALE 1"=2'
Stations Measured on Center Line & on Slope
Day BooK No. 08704 NotebooK 759

City of Hartford
Department of Engineering
January 1945

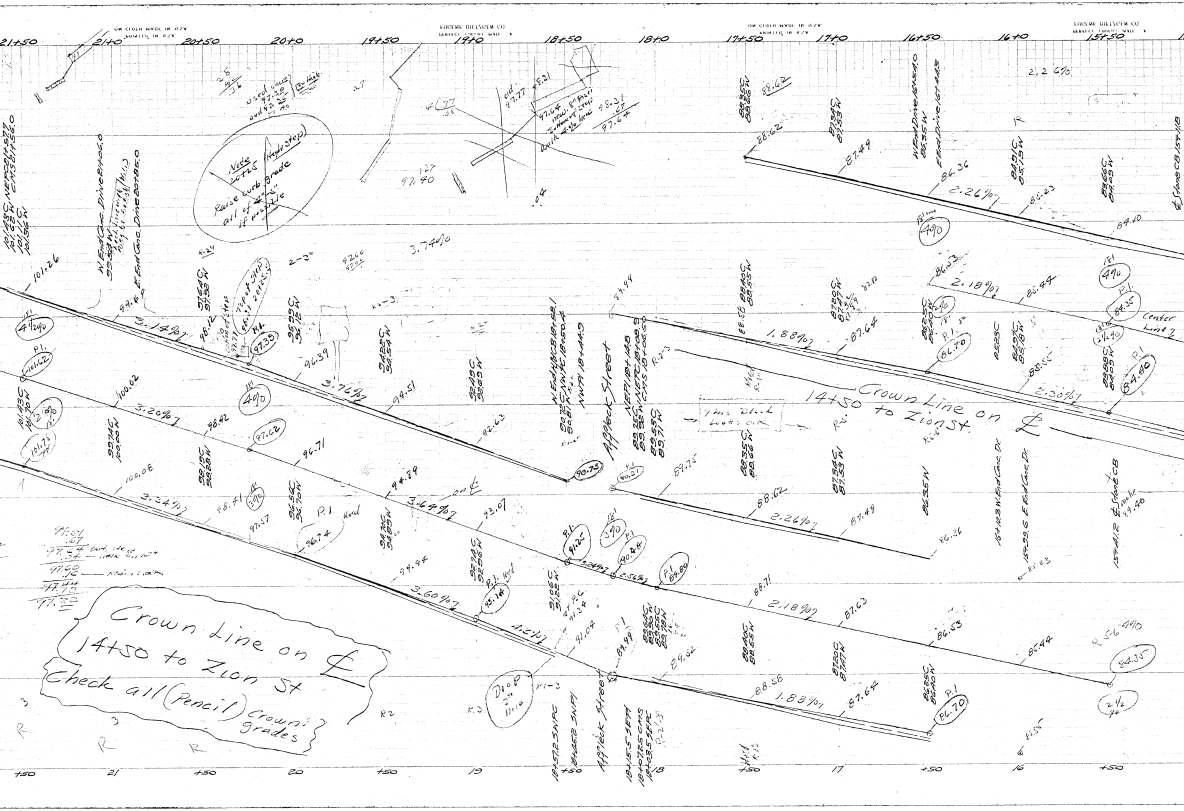
"NOTE" "Nov-1945"

THIS PROFILE TO BE USED WHEN "WARD ST." is PAVED AND WIDENED TO A 36' Roadway

W.H.B.

Paving Profile was started and left in Pencil Lines but not completed

26+0
+50
25+0
24+50
24+0
23+50
23+0
22+50
22+0
Zion Street
NEP1 25+39.8
CMS 25+31.45
NEPC (Header) 25+21.8
110.26C
110.75W
P.I.
110.25
109.69C
110.00W
109.80
1.80%
108.63C
108.90W
108.90
107.56C
107.90W
P.I.
108.00
106.33C
106.60W
106.80
2.40%
105.28C
105.48W
105.60
104.41C
104.47W
P.I.
104.40
3.14%
102.83
CMS 22+02.05
102.97C
103.12W
NWPC 22+00.2
NWP1 21+94.3
Putnam Street
NEP1 21+64.4
R5"
R1"
110.37
111.07
110.91
110.76
110.61
110.34
Header
111.65C
111.00W
110.54C
110.79W
110.03C
110.01
109.71C
109.88W
109.91
108.87
108.66C
108.89W
107.83
2.08%
107.53C
107.90W
106.79
106.31C
106.69W
105.45C
105.72W
P.I.
105.73
2.30%
P.I.
104.60
104.34C
104.52W
P.I.
103.16
102.87C
103.23W
109.60
108.65
107.70
1.90%
P.I.
106.75
2.10%
105.70
105.41 walk at W. end of gate
105.56 walk at E. end of gate
105.34 walk over drain
P.I.
104.65
Hold O.K.
2.70%
103.30
P.I.
3.10%
105.20
Zion Street
25+99.8 SEP1
25+67.2 W. End Conc. Dr. & SEPC
25+45.2 E. End Conc. Dr.
25+21.8 Header
W. end drive gate 22+76.3
E. end drive 22+62.2
22+57.0 E. End Conc. Drain under walk (2.5 wide)
108.15
R 3
R 3
28
+50
27
+50
26
+50
25
+50
24
+50
23
+50
22

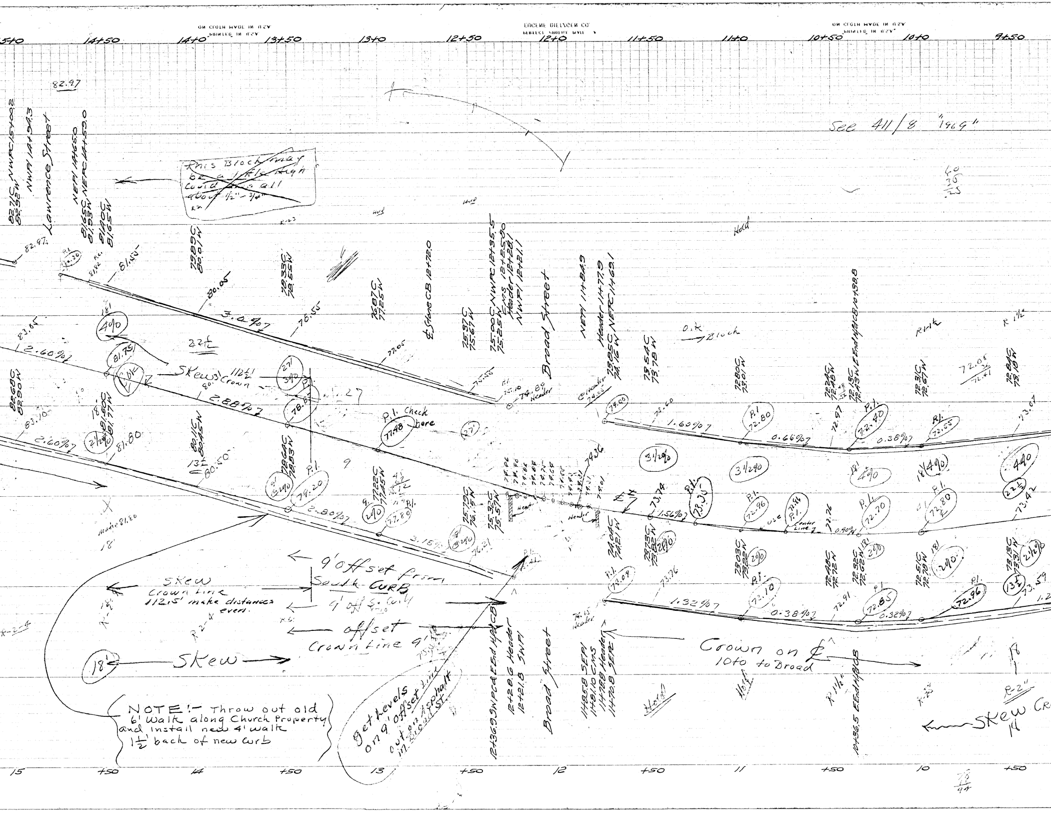


21+50
21+0
20+50
20+0
19+50
19+0
18+50
18+0
17+50
17+0
16+50
16+0
15+50
Note 20+25 (High step)
Raise curb grade all of 4"-5" if possible
used once 97.38 and 97.35
Too High
97.40
old 97.77
97.64 new 8" riser
98.31
101.43C NE Cor 21+57.7
101.62W CMS 21+56.0
101.71C
101.56W
W. End Conc. Drive 21+06.0
99.54W
E. End Conc. Drive 20+85.0
101.26
99.69
3.14%
4%
101.62
P.I.
97.64C 97.98W
97.33
96.39
3.76%
94.51
92.63
90.75
3.74%
95.95C 96.29W
94.22C 94.54W
92.49C 92.69W
W. End NWC B 18+58.1
NWPI 18+44.9
Appleck Street
100.02
3.20%
98.42
97.62
96.71
94.89
3.64%
93.07
91.25
3.24%
90.44
2.56%
89.80
88.71
2.18%
87.63
86.53
85.44
84.35
101.73
100.08
3.24%
98.51
97.57
96.74
95.44
3.60%
93.14
4.2%
91.04
89.49
89.02
88.58
1.88%
87.64
86.70
Drop 2" Inlet
84.94
1.88%
87.64
86.70
88.62
2.26%
87.49
86.36
85.23
84.10
2.26%
2.18%
86.53
85.44
84.35
2.30%
84.40
90.21
89.75
88.62
2.26%
87.49
86.36
85.23
85.55
This Block Looks OK
14+50 to Zion St. Crown Line on ℄
Center Line
88.35C 88.66W
87.34C 87.53W
W. End Drive 16+54.0
E. End Drive 16+44.5
86.35W
84.91C 85.19W
83.66C 84.09W
℄ Stone CB 15+41.8
16+10.3 W. End Conc. Dr.
15+99.6 E. End Conc. Dr.
15+41.2 ℄ Stone CB
2.2 6%
4%
2 1/2 %
18+52.25 NPC
18+45.0 SNPI
18+15.5 SEPI
18+07.25 CMS
18+03.5 SEPC
+50
21
+50
20
+50
19
+50
18
+50
17
+50
16
+50

Crown Line on ℄ 14+50 to Zion St

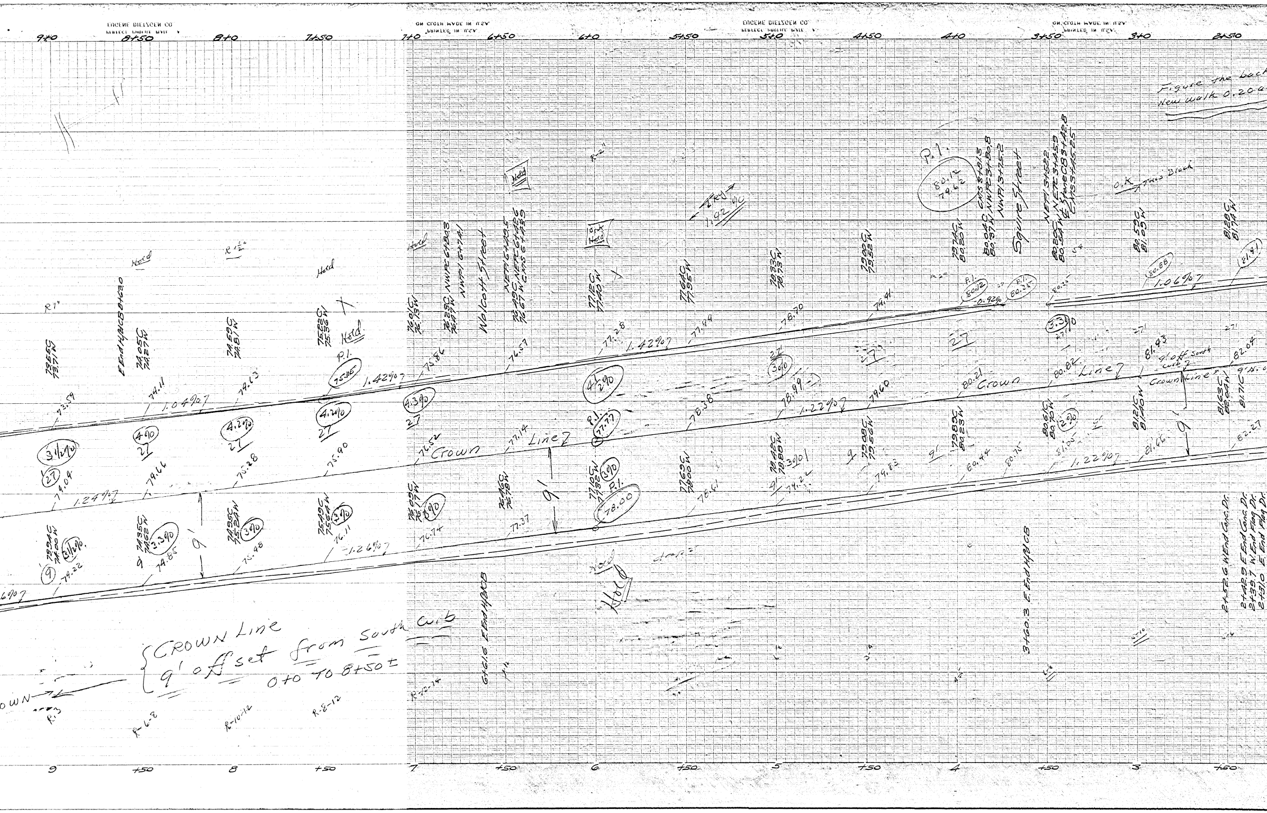
Check all (Pencil) Crown grades

97.81
.67
97.64 bot. step
.34 — walk
97.60
.16 — Main Walk
97.44
97.30

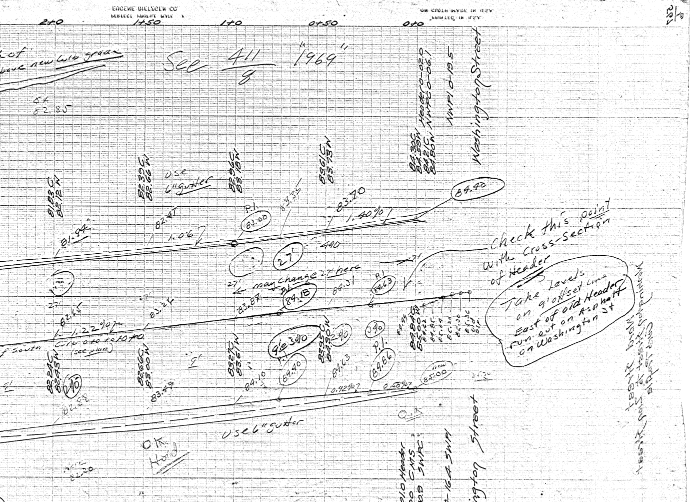

15+0
14+50
14+0
13+50
13+0
12+50
12+0
11+50
11+0
10+50
10+0
9+50
EUGENE DIETZGEN CO.
PERFECT PROFILE PAPER
ON CLOTH MADE IN U.S.A.
PRINTED IN U.S.A.
82.97
827/C NWPC 15+00.2
82.92W
NWPI 14+94.3
Lawrence Street
NEPI 14+65.0
NEPC 14+59.0
81.65C
81.93W
81.40C
81.65W
~~This Block may be a little high could drop all about 1/2" - 3/4"~~
See 411/8 "1969"
79.89C
80.01W
79.33C
78.55W
76.87C
77.25W
E. Stone CB 12+72.0
75.37C
75.67W
75.00C NWPC 12+35.5
75.25W CWS 12+25.8
Header 12+28.1
NWPI 12+21.1
Broad Street
NEPI 11+84.9
Header 11+77.9
73.85C NEPC 11+69.1
74.16W
73.54C
73.78W
72.80C
73.01W
72.24C
72.48W
72.13C
72.43W
E End H.P.C.B. 10+49.8
72.31C
72.67W
72.84C
73.18W
82.97
81.55
80.05
3.04%
78.55
77.05
75.55
4%
81.75
2.60%
83.05
Skew Crown 112.5'
2.88%
3%
78.65
77.27
P.I. Check here
77.48
22'
82.68C
82.90W
83.10
2.60%
81.60C
81.77W
81.80
80.11C
80.45W
80.50
78.64C
79.83W
79.20
P.I.
77.22C
77.45W
77.80
2%
2.80%
3.15%
76.21
75.79C
76.15W
75.32C
75.57W
74.89 Header
Header 74.05
74.00
73.60
1.60%
72.80
0.66%
72.97
72.40
0.38%
72.55
72.05
73.07
3 1/2%
4%
4%
4%
73.36
73.74
1.56%
73.30
72.96
72.84
Center Line
72.76
0.90%
72.70
72.80
73.42
74.04C
74.21W
73.73C
73.92W
2%
73.03C
73.22W
2%
72.48C
72.72W
72.32C
72.60W
2%
72.51C
72.78W
2%
73.13C
73.31W
2 1/2%
73.09
73.76
1.32%
73.10
0.38%
72.91
72.85
0.32%
72.96
73.59
made 81.80
18'
9' offset from South Curb
Skew Crown Line 112.15' make distances even.
4' off S. Curb
offset Crown Line 9'
18'
Skew
12436.9 SWPC E End H.P.C.B.
12+28.6 Header
12+21.8 SWPI
Broad Street
11+85.8 SEPI
11+81.10 CWS
11+78.8 Header
11+70.8 SEPC
Crown on ℄ 10+0 to Broad
10+36.5 E End H.P.C.B.
Skew Cr
14
18
R-2"
R 1 1/2"
Hold
15
+50
14
+50
13
+50
12
+50
11
+50
10
+50
78
94

NOTE! - Throw out old 6' Walk along Church Property and install new 4' walk 1 1/2' back of new Curb

get levels on 9' offset line out on Asphalt in Broad St.



See 411/9 "1969"


2+0
1+50
1+0
0+50
0+0
...t of
...ave new curb grade
82.85
NWPI 0-19.5
Washington Street
84.30C 84.59W Header 0-02.0
84.21C 84.80W NWPC 0-06.1
82.35C 82.66W
use 6" gutter
82.96C 83.18W
83.61C 83.73W
81.83C 82.12W
P.I.
83.00
83.35
83.70
1.40%
84.40
82.47
1.06%
81.94
27'
440
may change 27' here
83.87
P.I.
84.18
84.31
P.I.
84.63
82.65
1.22%
Curb 0+0 to 10+0
(see plan)
...f South
83.24
83.27C 83.61W
83.95C 84.30W
2%
3%
grade 3%
P.I.
84.40
84.10
84.63
0.92%
P.I.
84.86
0.58%
new
85.00
82.26C 82.93W
82.56C 83.00W
9'
83.49
240
82.28
use 6" gutter
O.K.
O.K. Hold
82.20
0+0 0.0 Header
0+00 CMS
0-00.9 SWPC
0-16.4 SWPI
Washington Street
Washington Street

Check this point with Cross-Section of Header

Take Levels on 9' offset Line East of old Header run out on Asphalt on Washington St

9' Crown (off south curb)

"APRIL" "1945"

0+0 to 8+50±
Then Skew Crown to Sta- 10+0±
Then ℄ to Broad St.

NOTE
WARD STREET
Layout for Widening & Paving "1945"
New Layout
50' - Street - (7' curbs both sides)

Old Layout
50' Street
10' Curbs
New
7' Curbs

NORTH SIDE:-
Washington St to Broad St
4' walk - 5½' out (1½' bet curb & walk)
Broad St to Zion St
4' walk - 5' out (or 2' bet curb & walk)

SOUTH SIDE:-
Washington St to Affleck St
4' walk - 5½' out (or 1½' bet curb & walk)
Affleck St to Zion St.
4' walk - 5' out (or 2' bet curb & walk)
Note:- South Side - Broad St to Affleck
Throw out the 6' walk at Church property - Build new 4' walk 5½' out (1½' bet C & W)

2 +50 1 +50 0

See 411/8 "1969"