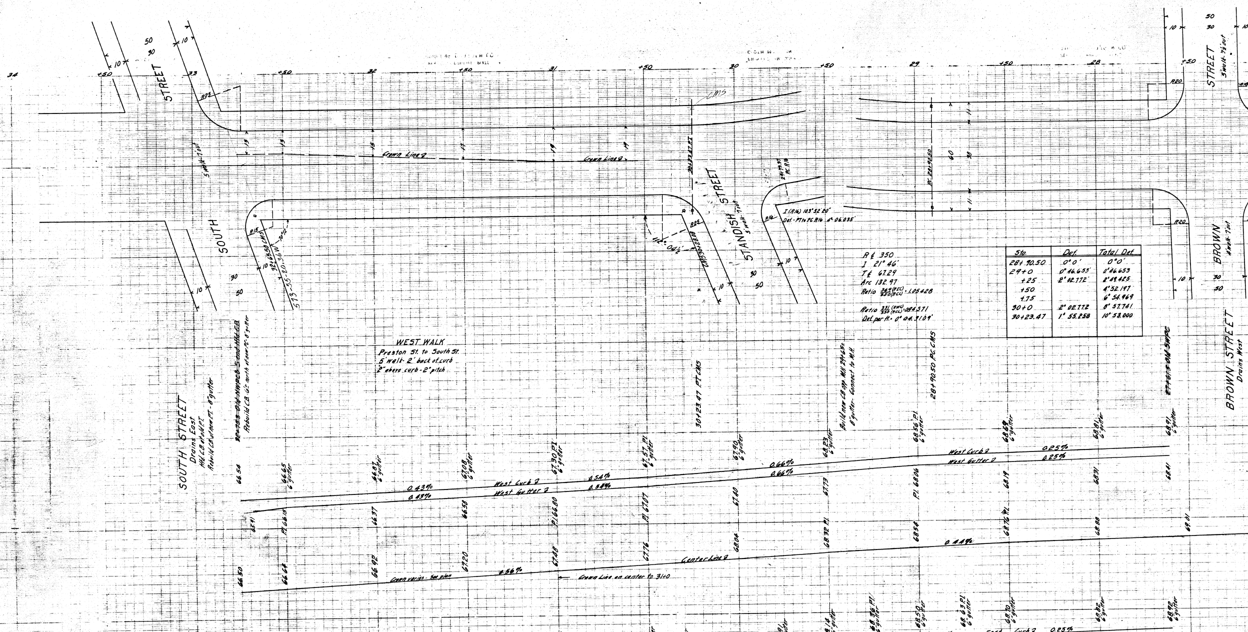
F/233

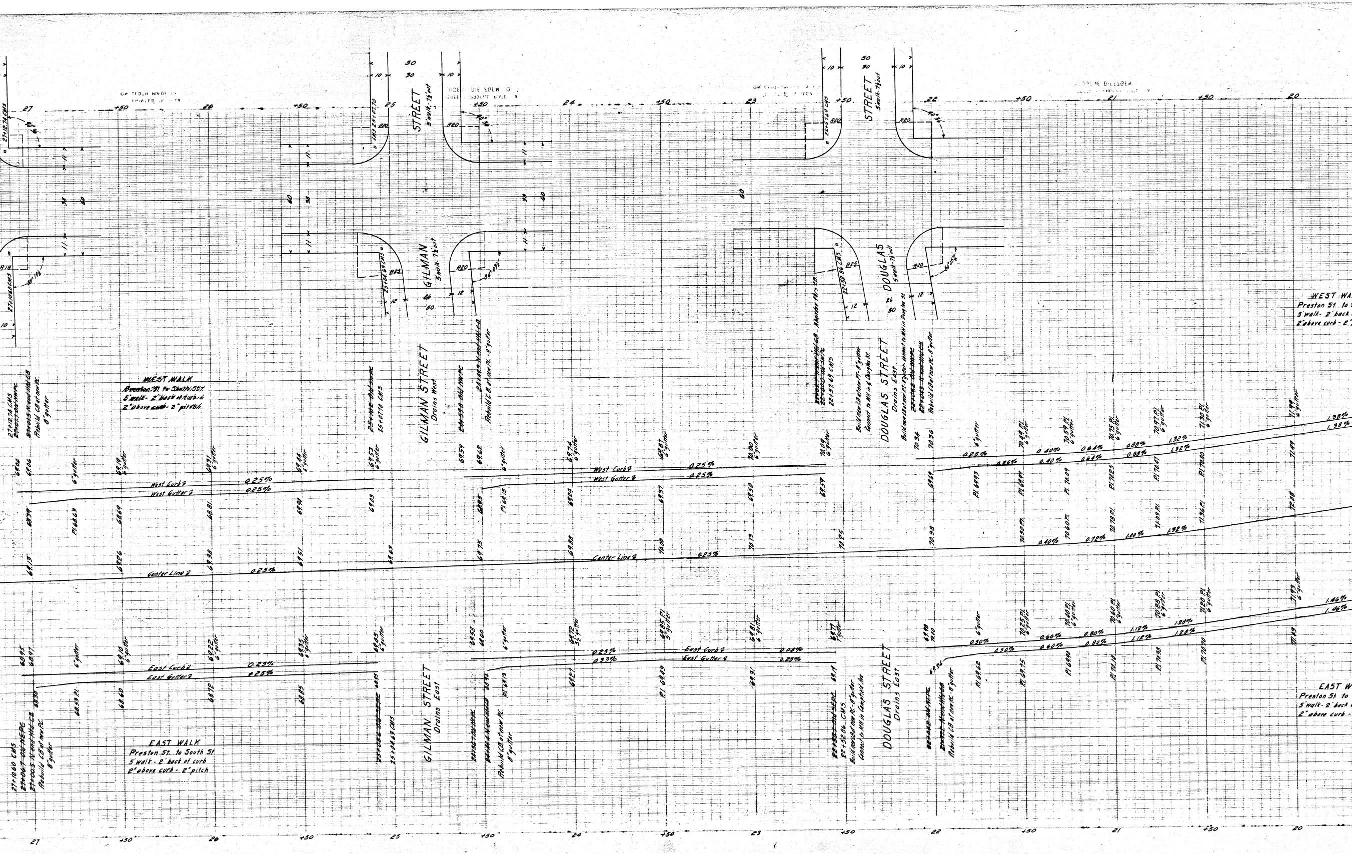

SOUTH STREET
STANDISH STREET
BROWN STREET
Crown Line ℄
R15
R20
0.4%
I (R16) 103°52'20"
Def. P.T. to P.C. R16 4° 06.035'
WEST WALK
Preston St. to South St.
5' walk - 2' back of curb
2" above curb - 2" pitch
SOUTH STREET Drains East
STANDISH STREET Drains West
BROWN STREET Drains West
BROWN STREET Drains East
West Curb ℄
West Gutter ℄
Center Line ℄
East Curb ℄
East Gutter ℄
0.43%
0.54%
0.66%
0.25%
0.44%
0.56%
0.65%
0.86%
Crown varies - See plan
Crown Line on center to 31+0
30+23.47 P.T. CMS
28+90.50 P.C. CMS
EAST WALK
Preston St. to South St.
5' walk - 2' back of curb
2" above curb - 2" pitch
Build new C.B. opp. M.H. 29+65±
8" gutter - Connect to M.H.
32+65.50 CMS
6" gutter
34
33
32
31
30
29
28
+50

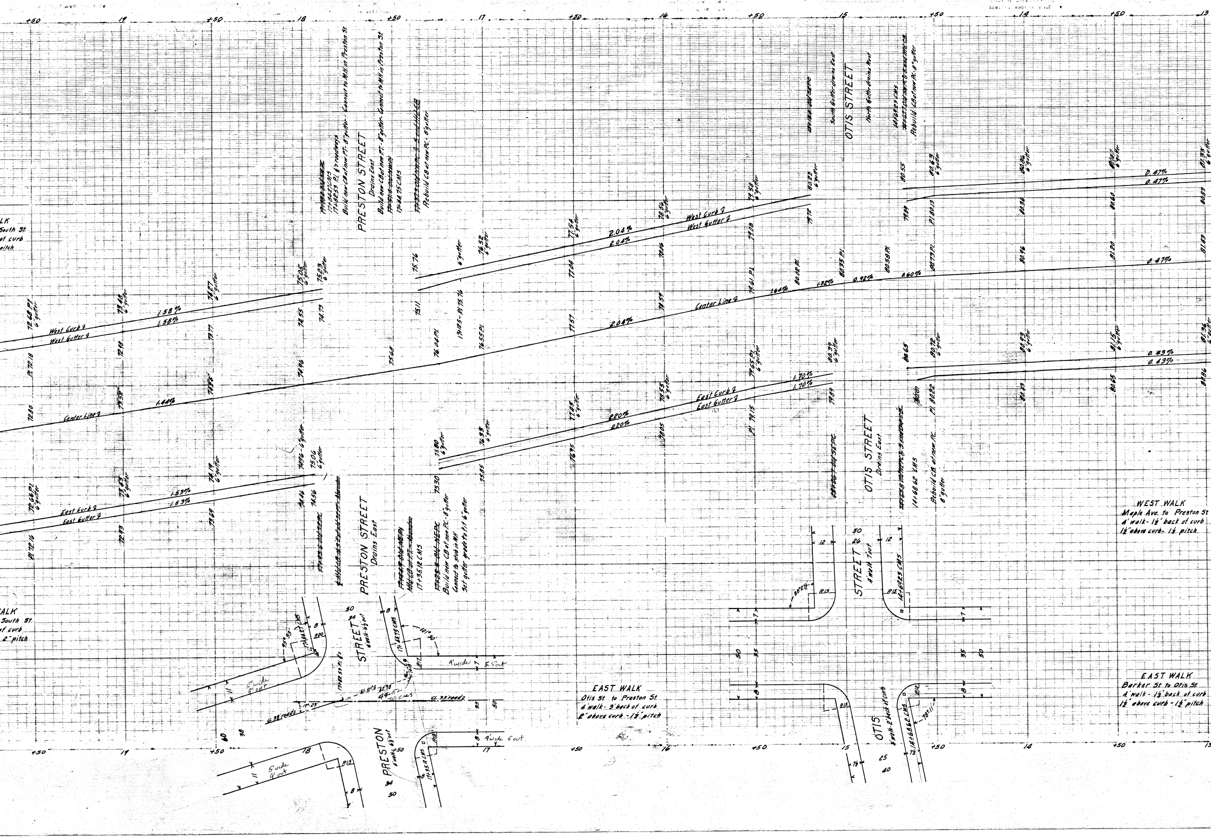
R ℄ 350
I 21° 46'
T ℄ 67.29
Arc 132.97
Ratio $\frac{369 (REC)}{350 (RCL)}$ = 1.05428

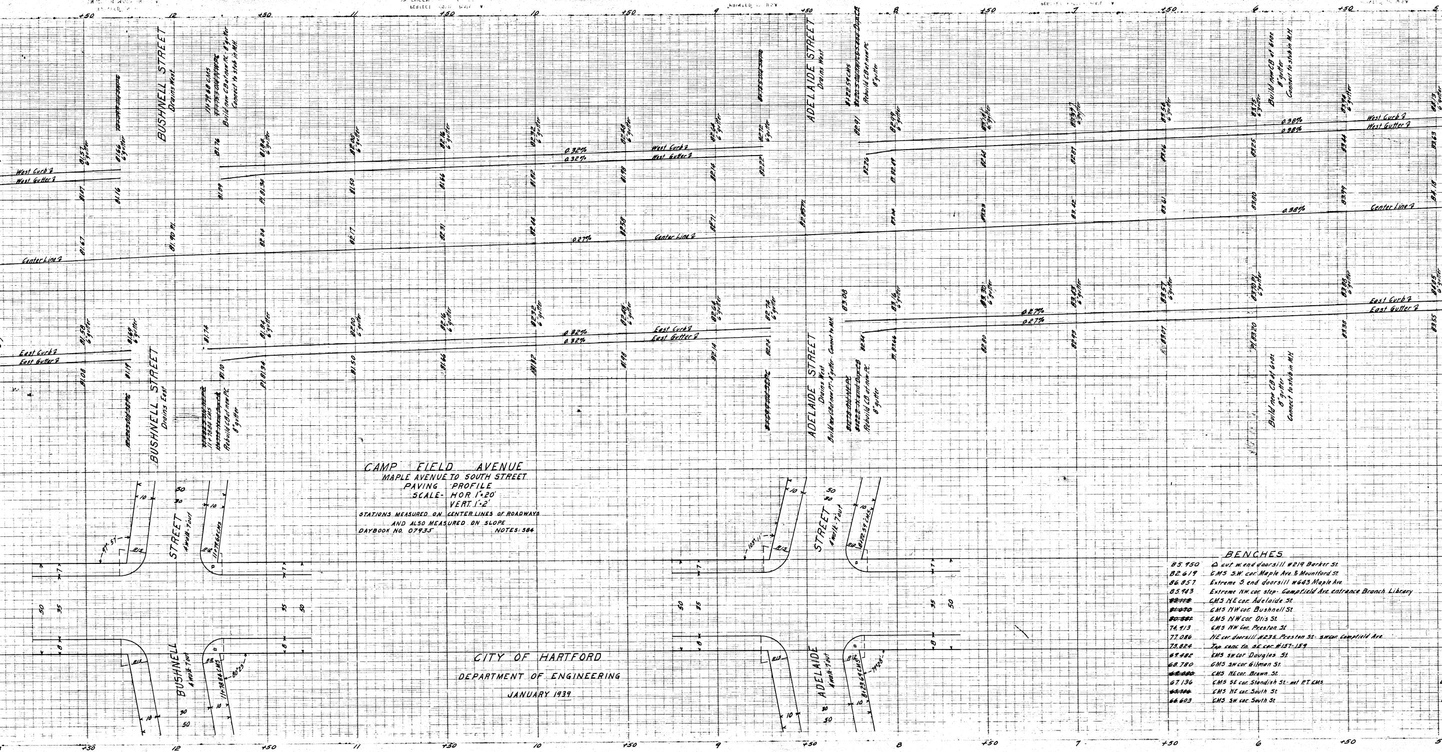
Ratio $\frac{331 (RWC)}{350 (RCL)}$ = 0.94571
Def per ft. = 0° 04.3109'

Sta.	Def.	Total Def.
28+90.50	0° 0'	0° 0'
29+0	0° 46.653'	0° 46.653
+25	2° 02.772'	2° 49.425
+50		4° 52.197
+75		6° 54.969
30+0	2° 02.772	8° 57.741
30+23.47	1° 55.258	10° 53.000

F/233


STREET
5'walk-7½'curb
GILMAN
5'walk-7½'curb
STREET
5'walk-7½'curb
DOUGLAS
5'walk-7½'curb
R20
R22
10
11
30
60
12
26
50
27
+50
26
+50
25
+50
24
+50
23
+50
22
+50
21
+50
20
~~WEST WALK~~
~~Preston St. to South St.~~
5'walk - 2' back of curb
2" above curb - 2" pitch
27+12.74 CMS
Rebuild CB at new PC
8" gutter
25+07.70 CMS
GILMAN STREET
Drains West
Rebuild C.B. at new PC - 8" gutter
22+57.69 CMS
Build new CB at new PT - 8" gutter
Connect to MH in ℄ Douglas St.
DOUGLAS STREET
Drains East
Build new CB at new PT - 8" gutter - connect to MH in Douglas St.
Rebuild CB at new PC - 8" gutter
WEST WA
Preston St. to
5'walk - 2' back
2" above curb - 2"
West Curb ℄
West Gutter ℄
Center Line ℄
East Curb ℄
East Gutter ℄
0.25%
0.33%
0.08%
0.40%
0.64%
0.88%
1.32%
1.38%
0.72%
1.00%
0.50%
0.60%
0.80%
1.12%
1.28%
1.46%
6" gutter
5½" gutter
5" gutter
7" gutter
69.04
69.06
69.19
69.31
69.44
69.53
68.39
P.I. 68.63
68.69
68.81
69.94
69.03
69.59
69.62
69.74
69.87
70.00
70.09
68.95
P.I. 69.15
69.24
69.37
69.50
69.59
70.34
70.36
P.I. 69.93
70.49 P.I.
P.I. 69.99
70.59 P.I.
P.I. 70.09
70.75 P.I.
P.I. 70.25
70.97 P.I.
P.I. 70.47
71.30 P.I.
P.I. 70.80
71.99
71.49
69.13
69.26
69.38
69.51
69.63
69.75
69.88
70.00
70.13
70.25
70.38
70.50 P.I.
70.60 P.I.
70.78 P.I.
71.03 P.I.
71.36 P.I.
72.08
EAST WALK
Preston St. to South St
5'walk - 2' back of curb
2" above curb - 2" pitch
27+10.60 CMS
Rebuild CB at new P.C.
8" gutter
25+04.63 CMS
GILMAN STREET
Drains East
Rebuild CB at new PC.
8" gutter
22+52.86 CMS
Build new CB at new PC - 8" gutter
Connect to MH in Campfield Ave
DOUGLAS STREET
Drains East
Rebuild CB at new PC - 8" gutter
EAST W
Preston St. to
5'walk - 2' back
2" above curb -
68.95
68.97
69.10
69.22
69.35
69.45
68.30
68.53 P.I.
68.60
68.72
68.85
68.95
69.58
69.60
69.72
69.85 P.I.
69.81
69.77
68.97
P.I. 69.13
69.27
P.I. 69.43
69.31
69.19
69.98
70.00
69.36
P.I. 69.62
70.25 P.I.
P.I. 69.75
70.40 P.I.
P.I. 69.90
70.60 P.I.
P.I. 70.10
70.88 P.I.
P.I. 70.38
71.20 P.I.
P.I. 70.70
71.93
71.43


+50
19
+50
18
+50
17
+50
16
+50
15
+50
14
+50
13
LK
South St.
of curb
pitch
West Curb ℄
West Gutter ℄
1.58%
1.58%
72.68 P.I. 6" gutter
73.46 6" gutter
74.27 6" gutter
75.05 6" gutter
75.23 6" gutter
Center Line ℄
1.44%
East Curb ℄
East Gutter ℄
1.53%
1.53%
75.06 6" gutter
74.56
PRESTON STREET
Drains East
17+84.27 CMS
17+82.53 P.I. ℄ 's roadways
Build new CB at new P.T. - 8" gutter - Connect to M.H. in Preston St.
Build new CB at new P.T. - 8" gutter - Connect to M.H. in Preston St.
17+44.75 CMS
Rebuild CB at new P.C. - 8" gutter
6" gutter
75.76
75.11
75.68
76.04 P.I.
17+12.5 - P.I. 75.76
76.52 6" gutter
76.55 P.I.
2.04%
2.04%
77.54 6" gutter
77.04
77.57
2.04%
78.56 6" gutter
78.06
78.59
West Curb ℄
West Gutter ℄
79.58 6" gutter
79.10
79.61 P.I.
1.64%
80.01 P.I.
1.92%
80.22 6" gutter
79.72
80.35 P.I.
0.92%
80.58 P.I.
0.60%
80.73 P.I.
Center Line ℄
OTIS STREET
South Gutter drains East
North Gutter drains West
14+69.23 CMS
Rebuild CB at new P.C. - 8" gutter
80.55
79.89
80.63 6" gutter
P.I. 80.13
80.86 6" gutter
80.36
80.76
81.01 6" gutter
80.60
81.20
0.47%
0.47%
0.47%
81.37 6" gutter
80.83
81.83
PRESTON STREET
Drains East
17+35.12 CMS
Build new CB at new P.C. - 8" gutter
Connect to stub in MH
Set gutter grade to fit 6" gutter
75.30
75.80 6" gutter
75.85
76.35 6" gutter
2.20%
2.20%
East Curb ℄
East Gutter ℄
77.25 6" gutter
76.75
78.55 6" gutter
78.05
79.65 6" gutter
P.I. 79.15
1.70%
1.70%
79.89
80.39 6" gutter
OTIS STREET
Drains East
14+68.62 CMS
Rebuild CB at new P.C.
8" gutter
80.65
80.01
P.I. 80.22
80.72 6" gutter
80.93 6" gutter
80.43
81.15 6" gutter
80.65
0.43%
0.43%
81.36 6" gutter
80.86
WEST WALK
Maple Ave. to Preston St
4' walk - 1½' back of curb
1½" above curb - 1½ pitch
ALK
South St.
of curb
2" pitch
STREET
4' walk - 6½' out
50
34
8
R20
4' wide
5.5' out
101° 30'
R12
17+44.75 CMS
5' wide
9' out
11
6.38 roads
6.35 roads ℄
35
50
60
38
5' wide
9' out
11
R15
8
4' wide 5' out
PRESTON
4' walk 6½' out
34
50
17+35.12 CMS
EAST WALK
Otis St. to Preston St.
4' walk - 3' back of curb
2" above curb - 1½" pitch
STREET
4' walk 7' out
50
26
12
12
R15
14+69.23 CMS
50
35
35
50
8
R15
OTIS
4' walk 2' back of curb
14+68.62 CMS
78° 11'
25
40
EAST WALK
Barker St to Otis St
4' walk - 1½' back of curb
1½" above curb - 1½" pitch


BUSHNELL STREET
Drains West
BUSHNELL STREET
Drains East
ADELAIDE STREET
Drains West
ADELAIDE STREET
Drains West
West Curb ℄
West Gutter ℄
Center Line ℄
East Curb ℄
East Gutter ℄
0.32%
0.27%
0.38%
Build new CB at new PC. 8' gutter
Connect to stub in M.H.
Rebuild CB at new PC.
8' gutter
Build new CB at 6+00
Connect to stub in M.H.
BUSHNELL STREET
ADELAIDE STREET
+50
12
11
10
9
8
7
6
5

CAMP FIELD AVENUE

MAPLE AVENUE TO SOUTH STREET

PAVING PROFILE

SCALE- HOR. 1"=20'
VERT. 1"=2'

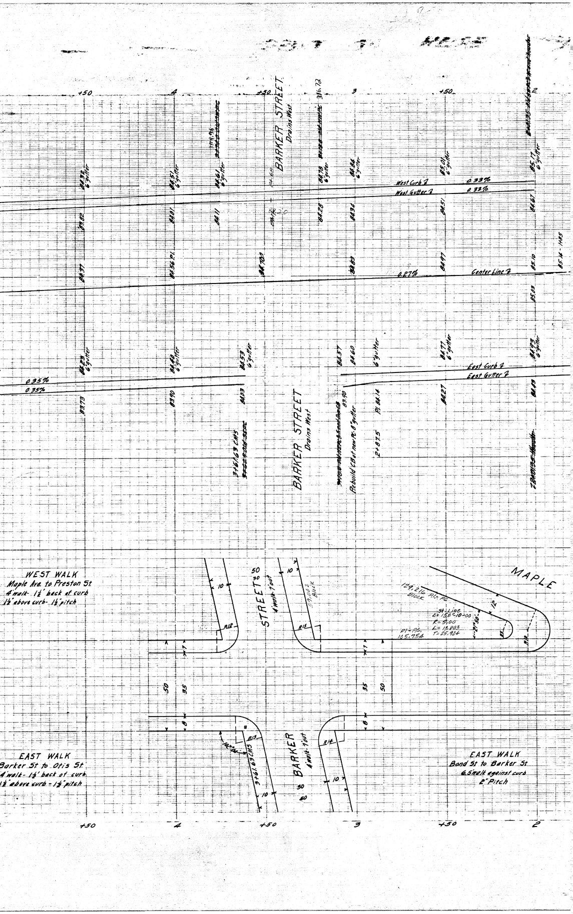
STATIONS MEASURED ON CENTER LINES OF ROADWAYS
AND ALSO MEASURED ON SLOPE

DAYBOOK NO. 07935 NOTES: 584

CITY OF HARTFORD
DEPARTMENT OF ENGINEERING
JANUARY 1939

BENCHES

85.950	△ cut w. end doorsill #219 Barker St.
82.619	CMS S.W. cor. Maple Ave. & Mountford St.
86.857	Extreme S. end doorsill #643 Maple Ave.
85.943	Extreme N.W. cor. step - Campfield Ave. entrance Branch Library
~~83.118~~	CMS NE cor. Adelaide St.
~~81.070~~	CMS NW cor. Bushnell St.
~~80.881~~	CMS NW cor. Otis St.
74.913	CMS NW cor. Preston St.
77.086	NE cor. doorsill #235 Preston St. - sw cor. Campfield Ave.
75.824	Top conc. fn. SE cor. #157-159
69.482	CMS sw cor. Douglas St.
68.780	CMS sw cor. Gilman St.
~~68.880~~	CMS NE cor. Brown St.
67.136	CMS SE cor. Standish St. - not P.T. CMS.
~~65.784~~	CMS NE cor. South St.
66.603	CMS SW cor. South St.


+50
4
+50
3
+50
2
BARKER STREET
Drains West
316.72
84.68
84.32 6" gutter
84.51 6" gutter
84.61 6" gutter
84.78 6" gutter
84.84 6" gutter
85.01 6" gutter
85.17 6" gutter
West Curb ℄
West Gutter ℄
0.33%
0.33%
83.82
84.01
84.11
84.28
84.34
84.51
84.67
84.37
84.56 P.I.
84.703
84.83
84.97
85.10
85.16 - 1485
0.27%
Center Line ℄
85.03
84.23 6" gutter
84.40 6" gutter
84.53 6" gutter
84.57
84.60
6" gutter
84.77 6" gutter
84.93 6" gutter
East Curb ℄
East Gutter ℄
0.35%
0.35%
83.73
83.90
84.03
83.90
P.I. 84.14
84.27
84.43
3+61.63 CMS
Rebuild CB at new PC - 8" gutter
2+87.5
WEST WALK
Maple Ave. to Preston St.
4' walk - 1½' back of curb
1½" above curb - 1½" pitch
10
R12
STREET
50
30
4' walk - 7' out
59,002 Block
R15
129,216 Block
P.I.= P.C.
MAPLE
12
St. Line
Δ= 158°-10'-00"
R=5.00
L=13.803
T=25.924
P.I.= P.C.
105.754
21.50
R5
R12
7
50
35
35
50
8
8
102°06'
3+61.63 CMS
R15
R14
BARKER
4' walk - 7' out
30
60
10
EAST WALK
Barker St to Otis St.
4' walk - 1½' back of curb
1½" above curb - 1½" pitch
EAST WALK
Bond St to Barker St
6.5' walk against curb
2" Pitch