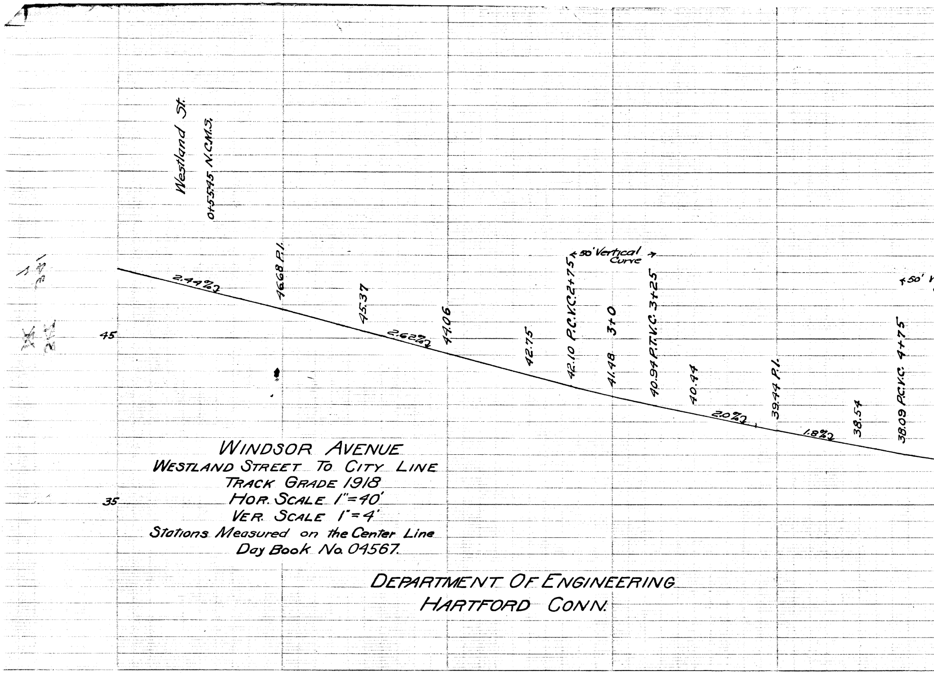
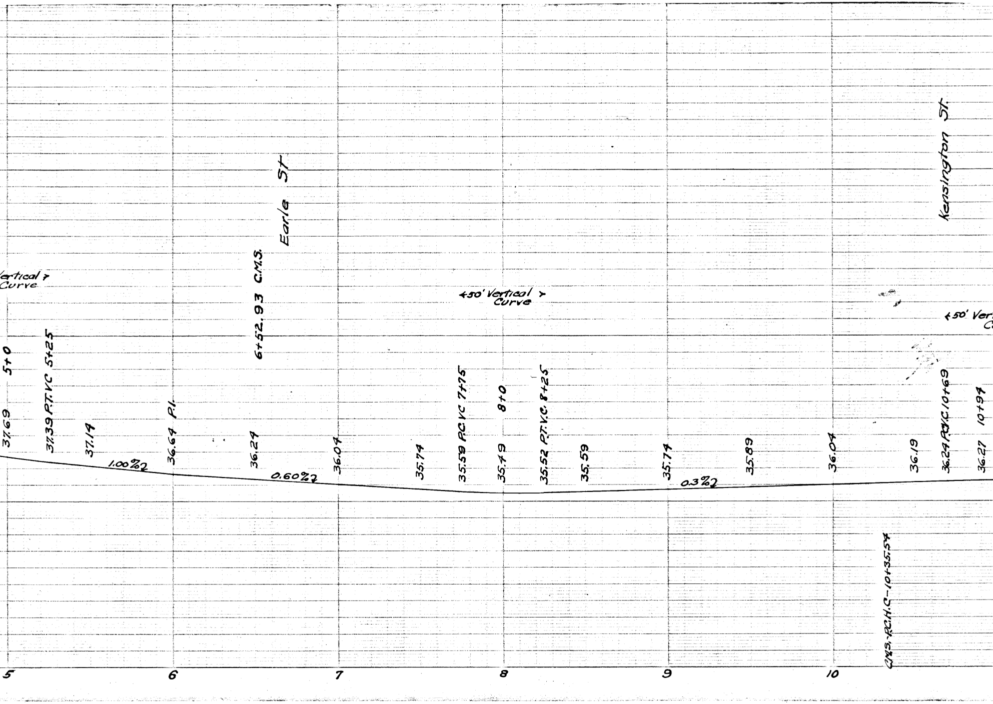
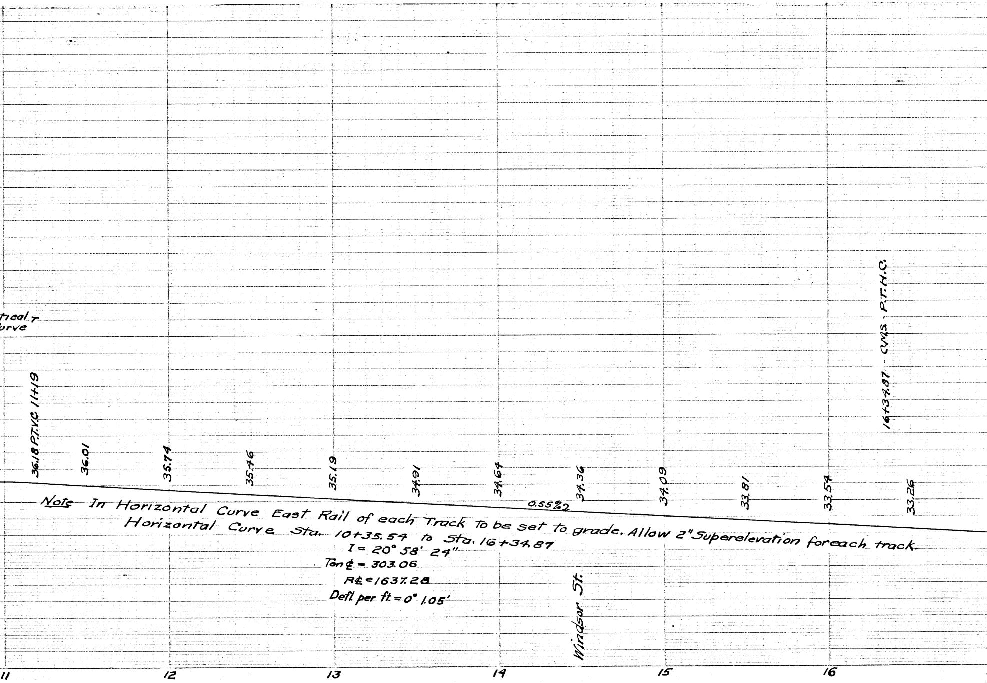

Westland St.
0+55.45 N.C.M.S.
2.44%
46.68 P.I.
45.37
2.62%
44.06
42.75
42.10 P.C.V.C. 2+75
50' Vertical Curve
3+0
41.48
40.94 P.T.V.C. 3+25
40.44
2.0%
39.44 P.I.
1.8%
38.54
38.09 P.C.V.C. 4+75
50'
45
35
0
1
2
3
4

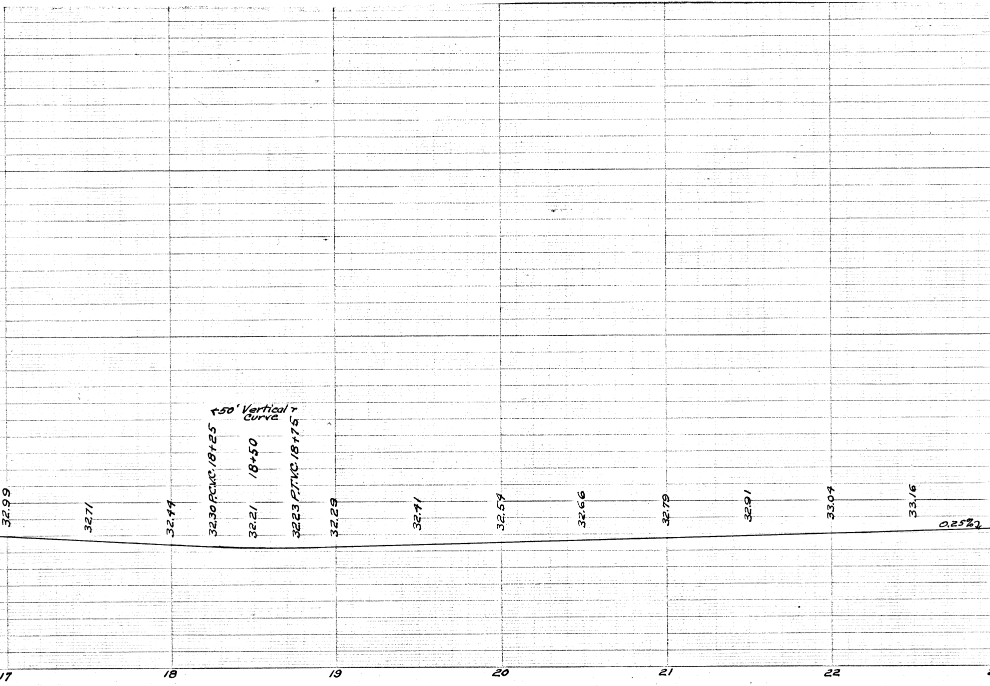
WINDSOR AVENUE
WESTLAND STREET TO CITY LINE
TRACK GRADE 1918
HOR. SCALE 1"=40'
VER. SCALE 1"=4'
Stations Measured on the Center Line
Day Book No. 04567

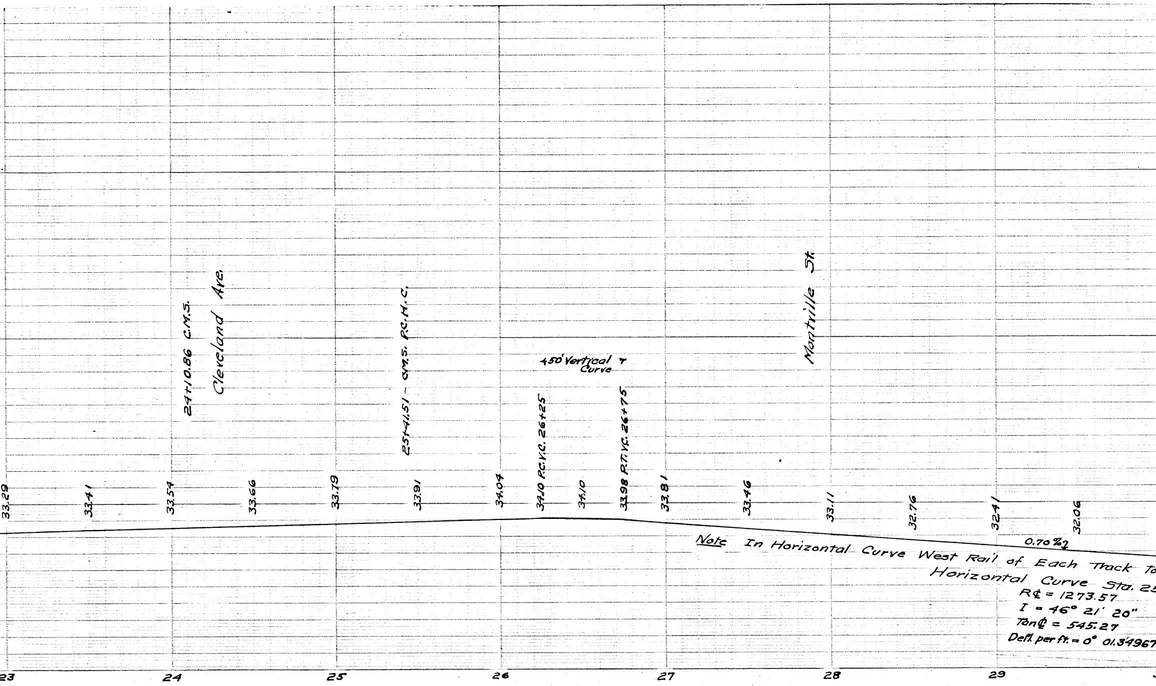
DEPARTMENT OF ENGINEERING
HARTFORD CONN.

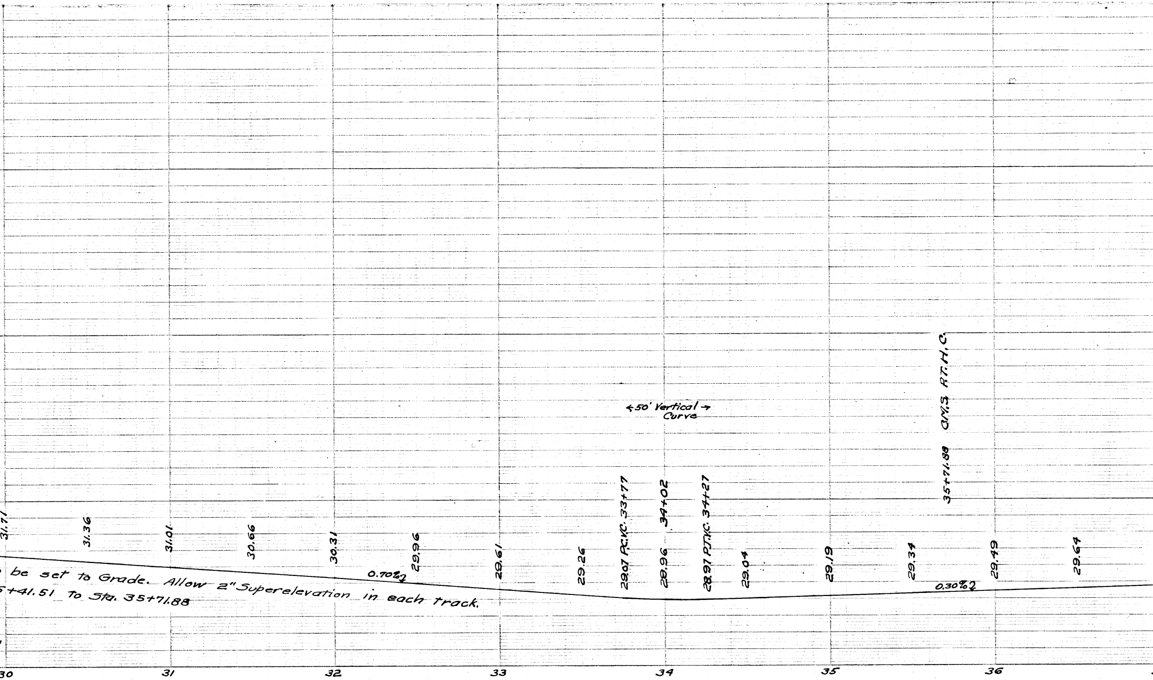

ertical ➝
Curve
5+0
37.69
37.39 P.T.V.C 5+25
37.14
1.00%
36.64 P.I.
36.24
6+52.93 C.M.S.
Earle St
0.60%
36.04
35.74
35.59 P.C.V.C 7+75
35.49
8+0
35.52 P.T.V.C. 8+25
←50' Vertical ➝
Curve
35.59
35.74
0.3%
35.89
36.04
36.19
36.24 P.C.V.C 10+69
36.27
10+94
Kensington St.
←50' Ver
C
C.M.S.-P.C.H.C.-10+35.54
5
6
7
8
9
10


tical
urve
36.18 P.T.V.C. 11+19
36.01
35.74
35.46
35.19
34.91
34.64
34.36
34.09
33.81
33.54
33.26
0.55%
16+34.87 - CMS - P.T.H.C.
Windsor St.
11
12
13
14
15
16

Note In Horizontal Curve East Rail of each Track to be set to grade. Allow 2" Superelevation for each track.
Horizontal Curve Sta. 10+35.54 to Sta. 16+34.87
I = 20° 58' 24"
Tan ℄ = 303.06
R℄ = 1637.28
Defl. per ft. = 0° 1.05'

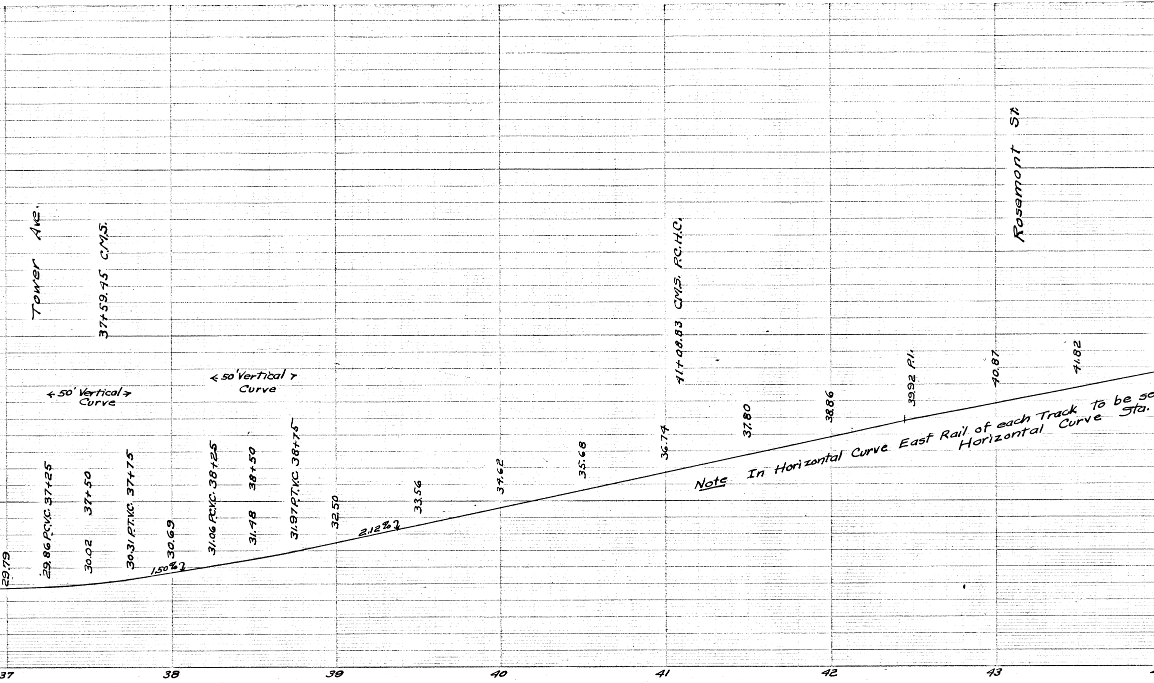

←50' Vertical → Curve
32.99
32.71
32.44
32.30 P.C.V.C. 18+25
18+50
32.21
32.23 P.T.V.C. 18+75
32.29
32.41
32.54
32.66
32.79
32.91
33.04
33.16
0.25%
17
18
19
20
21
22

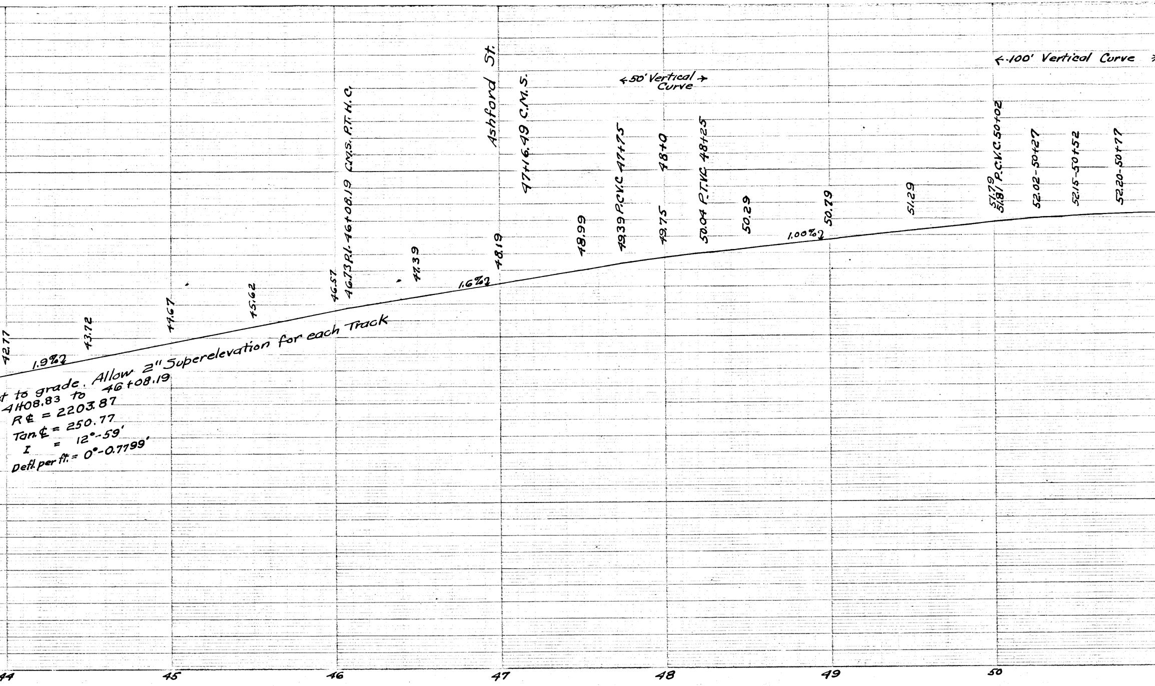

33.29
33.41
33.54
33.66
33.79
33.91
34.04
34.10 P.C.V.C. 26+25
34.10
33.98 P.T.V.C. 26+75
33.81
33.46
33.11
32.76
32.41
32.06
24+10.86 C.M.S.
Cleveland Ave.
25+41.51 - C.M.S. P.C.H.C.
450' Vertical Curve
Montville St.
0.70%
Note In Horizontal Curve West Rail of Each Track To
Horizontal Curve Sta. 25
R℄ = 1273.57
I = 46° 21' 20"
Tan℄ = 545.27
Defl. per ft. = 0° 01.34967
23
24
25
26
27
28
29


be set to Grade. Allow 2" Superelevation in each track.

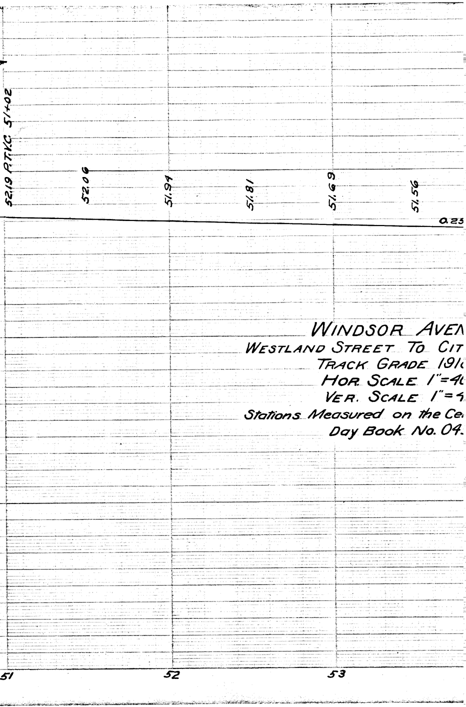
5+41.51 To Sta. 35+71.88

31.71
31.36
31.01
30.66
30.31
29.96
0.70%℄
29.61
29.26
29.07 P.C.V.C. 33+77
28.96 34+02
28.91 P.T.V.C. 34+27
←50' Vertical→ Curve
29.04
29.19
29.34
35+71.88 CM.S RT.H.C.
0.30%℄
29.49
29.64
30
31
32
33
34
35
36


Tower Ave.
37+59.45 C.M.S.
Rosamont St.
41+08.83 C.M.S. P.C.H.C.
← 50' Vertical → Curve
← 50' Vertical → Curve
29.79
29.86 P.C.V.C. 37+25
37+50
30.02
30.31 P.T.V.C. 37+75
30.69
1.50%
31.06 P.C.V.C. 38+25
38+50
31.48
31.97 P.T.V.C. 38+75
32.50
2.12%
33.56
34.62
35.68
36.74
37.80
38.86
39.92 P.I.
40.87
41.82
Note In Horizontal Curve East Rail of each Track to be se
Horizontal Curve Sta.
37
38
39
40
41
42
43



42.77
1.9%
43.72
44.67
45.62
46.57
46.73 P.I. 46+08.19 C.M.S. P.T. H.C.
47.39
1.6%
48.19
Ashford St.
47+16.49 C.M.S.
48.99
←50' Vertical→
Curve
49.39 P.C.V.C 47+75
49.75
48+0
50.04 P.T.V.C 48+25
50.29
1.00%
50.79
51.29
51.79
51.81 P.C.V.C. 50+02
←100' Vertical Curve
52.02-50+27
52.15-50+52
52.20-50+77
t to grade. Allow 2" Superelevation for each Track
41+08.83 to 46+08.19
R ₵ = 2203.87
Tan. ₵ = 250.77
I = 12°-59'
Defl. per ft. = 0°-0.7799'
44
45
46
47
48
49
50


52.19 P.T.V.C. 51+02
52.06
51.94
51.81
51.69
51.56
0.23
51
52
53

WINDSOR AVEN
WESTLAND STREET TO CIT
TRACK GRADE 191
HOR. SCALE 1"=4
VER. SCALE 1"=
Stations Measured on the Ce
Day Book No. 04