```
        -------------------------- PROGRAM BRUG(5.75.44)
        --------------------------
        - INPUTFILE  : IV_A_S2_EL.txt       -  OUTPUTFILE : IV_A_S2_EL.OUT
        -
        - DATE       :    11/09/200         -  TIME       :     13:26:43
        -

        ----------------------------------------------------------------------
        ----


                          ********** BRUG INPUT DATA LISTING **********

           5   10   15   20   25   30   35   40   45   50   55   60   65   70
           75   80
           V    V    V    V    V    V    V    V    V    V    V    V    V    V
           V    V
    1 |* start ; column 11-30 can be used to have your own text on the top of
    each page
    2 |*   5   10   15   20   25   30   35   40   45   50   55   60   65   70
    75   80
    3 |*   V    V    V    V    V    V    V    V    V    V    V    V    V    V
    V    V
    4 |00001  1 1     VEH: S2 - SPECIAL TRUCK - 13 AXLE
    5 |* code 1001
    6 |Cline Avenue - Load Rating - Double Box  AND SINGLE BOX  - 87.34' WIDE
    7 |* code 1002
    8 |    2         1
    9 |* code 1003
   10 |*   5   10   15   20   25   30   35   40   45   50   55   60   65   70
   75   80
   11 |*   V    V    V    V    V    V    V    V    V    V    V    V    V    V
   V    V
   12 |250.0      183.0        87.34       1.0       1.0       1.3
   13 |* code 1004
   14 |    2    0    2
   15 |* code 1005
   16 |  267
   17 |* code 1005a
   18 |* location traffic lanes
   19 |7.667     19.667
   20 |* maximum and minimum truck
   21 |6.667      80.673   10.000
   22 |* code 1007, linear loads
   23 |0.7350    0.441
   24 |86.605    0.441
   25 |* code 1201
   26 |   12    8    6    3    5
   27 |* code 1202 coordinates
   28 |0.0000    0.0
   29 |10.7917   0.0
   30 |10.7917   -7.938
   31 |27.7083   0.0
   32 |27.7083   -7.938
   33 |44.6250   0.0
   34 |44.6250   -7.938
   35 |65.2569   0.0
   36 |65.2569   -7.938
   37 |81.0903   0.0
   38 |81.0903   -7.938
   39 |87.3403   0.0
   40 |* code 1203 - profile 1
   41 |    5    3    4
   42 |0.0000    0.7500
   43 |5.2083    0.7500
```



```
   44 |7.7083    1.2083
   45 |10.2083   1.6667
           ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^
           ^    ^
           5   10   15   20   25   30   35   40   45   50   55   60   65   70
           75   80
```

********** BRUG INPUT DATA LISTING **********

```
          5   10   15   20   25   30   35   40   45   50   55   60   65   70
          75   80
          V    V    V    V    V    V    V    V    V    V    V    V    V    V
          V    V
 46 |10.7917   1.6667
 47 |* code 1203 - profile 2
 48 |    7    2    3    4
 49 |0.0000    1.6667
 50 |0.5833    1.6667
 51 |5.5833    0.7500
 52 |8.4583    0.7500
 53 |11.3333   0.7500
 54 |16.3333   1.6667
 55 |16.9167   1.6667
 56 |* code 1203 - profile 3
 57 |    7    2    3    4
 58 |0.0000    1.6667
 59 |0.5833    1.6667
 60 |5.5833    0.7500
 61 |10.3160   0.7500
 62 |15.0486   0.7500
 63 |20.0486   1.6667
 64 |20.6319   1.6667
 65 |* code 1203 - profile 4
 66 |    7    2    3    4
 67 |0.0000    1.6667
 68 |0.5833    1.6667
 69 |5.5833    0.7500
 70 |7.9167    0.7500
 71 |10.2500   0.7500
 72 |15.2500   1.6667
 73 |15.8333   1.6667
 74 |* code 1203 - profile 5
 75 |    4    2    3
 76 |0.0000    1.6667
 77 |0.5833    1.6667
 78 |3.4167    1.2083
 79 |6.2500    0.7500
 80 |* code 1203 - profile 6
 81 |    7    2    3    4
 82 |0.0000    1.4583
 83 |0.5833    1.4583
 84 |1.5833    0.4583
 85 |8.4583    0.4583
 86 |15.3333   0.4583
 87 |16.3333   1.4583
 88 |16.9167   1.4583
 89 |* code 1203 - profile 7
 90 |    7    2    3    4
 91 |0.0000    1.4583
 92 |0.5833    1.4583
 93 |1.5833    0.4583
 94 |7.9167    0.4583
 95 |14.2500   0.4583
          ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^
          ^    ^
          5   10   15   20   25   30   35   40   45   50   55   60   65   70
          75   80
```

IV_A_S2_EL.OUT 9/11/2009

********** BRUG INPUT DATA LISTING **********

```
          5   10   15   20   25   30   35   40   45   50   55   60   65   70
          75   80
          V    V    V    V    V    V    V    V    V    V    V    V    V    V
          V    V
 96 |15.2500   1.4583
 97 |15.8333   1.4583
 98 |* code 1203 - profile 8
 99 |    5    2    3
100 |0.0000    1.1667
101 |0.8334    1.1667
102 |3.7709    1.1667
103 |6.7084    1.1667
104 |7.9375    1.1667
105 |* code 1204 - assembling boxgirder
106 |    1    2    1
107 |    2    4    2
108 |    4    6    2
109 |    6    8    3
110 |    8   10    4
111 |   10   12    5
112 |    3    5    6
113 |    5    7    6
114 |    9   11    7
115 |    2    3    8
116 |    4    5    8
117 |    6    7    8
118 |    8    9    8
119 |   10   11    8
120 |* code 1205 control code
121 |    1    2   13    1    1    0    4   13     1.0       1.0
122 |* code 1206 wheels/axle
123 |       0.0
124 |       1.5
125 |       6.0
126 |       7.5 0.833
127 |* code 1207 definition axles
128 |0.00      15.00
129 |16.50     21.00
130 |21.00     21.00
131 |25.50     21.00
132 |39.50     21.00
133 |44.00     21.00
134 |48.50     21.00
135 |96.50     21.00
136 |101.00    21.00
137 |105.50    21.00
138 |121.00    21.00
139 |125.50    21.00
140 |130.00    21.00
141 |* code 1208 - accuracy
142 |0.00001   0.00001   0.00001   .00001    .00001
143 |* code 1209 number sections
144 |   50
145 |   1A   1B   1R   2L   2A   2B   2C   2R   3L   3A   3B   3C   3R
          ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^
          ^    ^
          5   10   15   20   25   30   35   40   45   50   55   60   65   70
          75   80
```

```
                    ********** BRUG INPUT DATA LISTING **********

          5   10   15   20   25   30   35   40   45   50   55   60   65   70
          75   80
          V    V    V    V    V    V    V    V    V    V    V    V    V    V
          V    V
  146 |   4L   4A   4B   4C   4R   5L   5A   5B   5C   5R   6L   6A   6B
  147 |   7A   7B   7C   8A   8B   8C   9A   9B   9C  10L  10A  10B  11L  11A
  148 |  11B  12L  12A  12B  13L  13A  13B  14L  14A  14B
  149 |* code 1210 - density conrete
  150 |0.156
  151 |* code 1211 - extra forces selfweight
  152 |
  153 |* code 1212 - surcharge
  154 |2.1835
  155 |* code 1213 - Prestressing Layout - NONE
  156 |•
          ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^
          ^    ^
          5   10   15   20   25   30   35   40   45   50   55   60   65   70
          75   80
```



```
VEH: S2 - SPECIAL TR              BRUG(5.75.44)          page   1
                                   date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box  AND SINGLE BOX  - 8

Length             250.000
Equivalent length  183.000

Data cross-section boxgidruker

     Number of nodes        12
     Number of profiles      8
     Number of topslabs      6
     Number of bottomslabs   3
     Number of webs          5

Node coordinates

     Number     z         y
        1     0.000     0.000
        2    10.792     0.000
        3    10.792    -7.938
        4    27.708     0.000
        5    27.708    -7.938
        6    44.625     0.000
        7    44.625    -7.938
        8    65.257     0.000
        9    65.257    -7.938
       10    81.090     0.000
       11    81.090    -7.938
       12    87.340     0.000

Slab data

     num- type   start  end                profile
      ber          node    node thickness  number    length
     ---- ------ ------ ------- --------- ------- ---------
       1  top         1       2       -       1      10.792
       2  top         2       4       -       2      16.917
       3  top         4       6       -       2      16.917
       4  top         6       8       -       3      20.632
       5  top         8      10       -       4      15.833
       6  top        10      12       -       5       6.250
       7  bottom      3       5       -       6      16.917
       8  bottom      5       7       -       6      16.917
       9  bottom      9      11       -       7      15.833
      10  web         2       3       -       8       7.938
      11  web         4       5       -       8       7.938
      12  web         6       7       -       8       7.938
      13  web         8       9       -       8       7.938
      14  web        10      11       -       8       7.938

Data of profiles

Profile  1

     section   z      thickness
      1 (l)   0.000     0.750
      2       5.208     0.750
      3 (a)   7.708     1.208
      4 (b)  10.208     1.667
      5 (r)  10.792     1.667
```

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 2
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Data cross-section boxgidruker (continued)

Data of profiles (continued)

Profile 2

section	z	thickness
1 (l)	0.000	1.667
2 (a)	0.583	1.667
3 (b)	5.583	0.750
4 (c)	8.458	0.750
5	11.333	0.750
6	16.333	1.667
7 (r)	16.917	1.667

Profile 3

section	z	thickness
1 (l)	0.000	1.667
2 (a)	0.583	1.667
3 (b)	5.583	0.750
4 (c)	10.316	0.750
5	15.049	0.750
6	20.049	1.667
7 (r)	20.632	1.667

Profile 4

section	z	thickness
1 (l)	0.000	1.667
2 (a)	0.583	1.667
3 (b)	5.583	0.750
4 (c)	7.917	0.750
5	10.250	0.750
6	15.250	1.667
7 (r)	15.833	1.667

Profile 5

section	z	thickness
1 (l)	0.000	1.667
2 (a)	0.583	1.667
3 (b)	3.417	1.208
4 (r)	6.250	0.750

Profile 6

section	z	thickness
1 (l)	0.000	1.458
2 (a)	0.583	1.458
3 (b)	1.583	0.458
4 (c)	8.458	0.458
5	15.333	0.458
6	16.333	1.458
7 (r)	16.917	1.458

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 3
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Data cross-section boxgidruker (continued)

Data of profiles (continued)

Profile 7

section	z	thickness
1 (l)	0.000	1.458
2 (a)	0.583	1.458
3 (b)	1.583	0.458
4 (c)	7.917	0.458
5	14.250	0.458
6	15.250	1.458
7 (r)	15.833	1.458

Profile 8

section	z	thickness
1 (l)	0.000	1.167
2 (a)	0.833	1.167
3 (b)	3.771	1.167
4	6.708	1.167
5 (r)	7.938	1.167

1 2 13 1 1 0 4 13 1.0 1.0

```
 VEH: S2 - SPECIAL TR               BRUG(5.75.44)          page   4
                                     date 11/09/2009; time 13:26:43
 Cline Avenue - Load Rating - Double Box  AND SINGLE BOX  - 8

 Transverse distribution     1
 Transverse moments          1
 Transverse axial force      1
                     0 = no, 1 = yes
 Number of prest. tendons    0
```



```
 VEH: S2 - SPECIAL TR               BRUG(5.75.44)          page   5
                                     date 11/09/2009; time 13:26:43
 Cline Avenue - Load Rating - Double Box  AND SINGLE BOX  - 8

 Length             250.000
 Equivalent length  183.000

 Loadings

 General loadings

      Density concrete      0.156
      Dead load (topping)   2.183

 Dead load (linear)

 Distance linear loads to edge superstructure and magnitude
      Linear load      z         p
           1         0.735     0.441
           2        86.605     0.441

 Live load
      Loading class              267
      Max. numbers of vehicles     2
      Vehicle code                13
      Number of
             - axles              13
             - wheels / axle       4
             - trafficlanes        2
             - u.d.l. lanes        0
             - linear loads        2

 Vehicle axles

      Axle Axle-dist Axle-load
         1     0.000    15.000
         2    16.500    21.000
         3    21.000    21.000
         4    25.500    21.000
         5    39.500    21.000
         6    44.000    21.000
         7    48.500    21.000
         8    96.500    21.000
         9   101.000    21.000
        10   105.500    21.000
        11   121.000    21.000
        12   125.500    21.000
        13   130.000    21.000

 Length wheel  :      0.833

 Wheels per axle

      Wheel  Distance
         1      0.000
         2      1.500
         3      6.000
         4      7.500

 Distance centre of traffic lanes to edge of superstructure
      traffic lane    z
           1         7.667
           2        19.667

 Distance between edge of superstructure and centreline vehicle
      - minimum distance     6.667
```

- maximum distance 80.673

Minimum distance between centreline vehicles 10.000

Reduction coefficient

Number Vehicles	coefficient Vehicle	U.D.L.
1	1.000	1.000
2	1.000	1.000

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 6
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Loadings (continued)

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 7
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Tolerances

The following values are used to stop the harmonics

	relative	absolute
Tolerance vehicle	0.000	0.000
Tolerance selfweight	0.000	0.000
Tolerance topping	0.000	0.000

Asked sections 50

Section :									
	1A	1B	1R	2L	2A	2B	2C	2R	3L
	3A	3B	3C	3R	4L	4A	4B	4C	4R
	5L	5A	5B	5C	5R	6L	6A	6B	7A
	7B	7C	8A	8B	8C	9A	9B	9C	10L
	10A	10B	11L	11A	11B	12L	12A	12B	13L
	13A	13B	14L	14A	14B				

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 8
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Length 250.000 Equivalent length 183.000

Transverse influence lines

Load on web

Node	1	2	3	4	5
1	1.28	1.79	1.00	0.46	0.47
2	1.23	1.79	0.99	0.49	0.50
	1.14	1.81	1.01	0.51	0.53
4	1.03	1.82	1.06	0.53	0.56
	0.94	1.75	1.13	0.58	0.60
6	0.86	1.61	1.13	0.69	0.71
	0.75	1.29	0.88	1.05	1.02
8	0.63	0.99	0.63	1.42	1.33
	0.59	0.91	0.56	1.49	1.45
10	0.56	0.88	0.54	1.49	1.53
12	0.55	0.85	0.53	1.52	1.55

Transverse loading distributions factors

web	Traffic lane 1	2
1	1.247	1.134
2	1.789	1.813
3	0.993	1.016
4	0.480	0.509
5	0.491	0.528

web	Lineair load 1	2
1	1.275	0.548
2	1.787	0.854
3	1.003	0.531
4	0.465	1.518
5	0.469	1.550

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 9
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Selfweight 51 harmonic

Slab	section	moment	axialforce
1	A	-3.30	0.84
1	B	-6.45	1.58
1	RIGHT	-7.40	1.80
2	LEFT	-3.80	2.09
2	A	-3.08	1.95
2	B	0.39	1.37
2	C	0.55	1.46
2	RIGHT	-5.66	3.31
3	LEFT	-6.40	3.18
3	A	-5.51	2.96
3	B	-0.64	1.74
3	C	0.34	1.46
3	RIGHT	-3.52	2.21
4	LEFT	-10.89	1.40
4	A	-9.68	1.16
4	B	-2.09	-0.27
4	C	1.64	-0.82
4	RIGHT	-0.43	0.33
5	LEFT	-2.95	-0.19
5	A	-2.26	-0.34
5	B	0.99	-0.98
5	C	1.11	-0.96
5	RIGHT	-4.30	0.44
6	LEFT	-3.27	0.77
6	A	-2.60	0.62
6	B	-0.50	0.14
7	A	-0.95	-0.03
7	B	-0.44	0.32
7	C	0.90	1.68
8	A	-2.07	1.23
8	B	-1.41	1.41
8	C	0.92	1.50
9	A	-1.25	0.72
9	B	-0.71	0.99
9	C	0.76	1.67
10	TOP	-3.60	-2.99
10	A	-3.36	-2.58
10	B	-2.52	-1.04
11	TOP	0.73	-3.12
11	A	0.62	-2.59
11	B	0.22	-0.65
12	TOP	7.36	-3.39
12	A	6.68	-2.94
12	B	4.31	-1.27
13	TOP	2.52	-2.38
13	A	2.08	-2.03
13	B	0.53	-0.69
14	TOP	-1.03	-2.64
14	A	-0.76	-2.25
14	B	0.19	-0.83

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 10
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 1 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0733	-7.6843	0.0003	0.0368
	19.250	-0.0009	0.0058	0.0006	0.0381
	36.167	0.0000	-0.0031	0.0002	0.0426
	54.941	0.0000	-0.0044	0.0002	0.0298
	73.174	0.0000	-0.0037	0.0001	0.0187
12	87.340	0.0000	-0.0035	0.0001	0.0173
Area		-0.2931	-29.6053	0.0232	2.7743

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-3.303	-3.303	0.839	0.839
Topping	-0.740	-0.740	0.069	0.069
Linear loads	-3.066	-3.066	0.024	0.024
Live load (incl. reduction factor)				
Vehicle(s)	0.469	-7.004	0.287	0.353
Total	-6.641	-14.114	1.220	1.285

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
7.71 9.21 13.71 15.21
31.79 33.29 37.79 39.29

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
14.62 16.12 20.62 22.12

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 11
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 1 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0912	-10.1454	0.0009	0.0692
	19.250	-0.0034	0.0153	0.0012	0.0717
	36.167	0.0002	-0.0082	0.0004	0.0798
	54.941	-0.0001	-0.0118	0.0003	0.0561
	73.174	-0.0001	-0.0098	0.0002	0.0357
12	87.340	-0.0001	-0.0093	0.0002	0.0331
Area		-0.5323	-51.8426	0.0515	5.2290

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-6.452	-6.452	1.582	1.582
Topping	-1.296	-1.296	0.131	0.131
Linear loads	-4.155	-4.155	0.045	0.045
Live load (incl. reduction factor)				
Vehicle(s)	0.047	-12.601	0.155	0.879
Total	-11.856	-24.504	1.912	2.637

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
31.79 33.29 37.79 39.29

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
14.62 16.12 20.62 22.12

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 12
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 1 section right

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0954	-10.7146	0.0011	0.0789
	19.250	-0.0046	0.0188	0.0014	0.0817
	36.167	0.0002	-0.0101	0.0005	0.0909
	54.941	-0.0001	-0.0145	0.0004	0.0640
	73.174	-0.0001	-0.0120	0.0002	0.0409
12	87.340	-0.0001	-0.0114	0.0002	0.0379
Area		-0.6092	-57.9100	0.0623	5.9619

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-7.398	-7.398	1.803	1.803
Topping	-1.448	-1.448	0.149	0.149
Linear loads	-4.407	-4.407	0.051	0.051
Live load (incl. reduction factor)				
Vehicle(s)	0.062	-15.069	0.176	1.104
Total	-13.191	-28.322	2.180	3.108

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
31.79 33.29 37.79 39.29

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
14.62 16.12 20.62 22.12

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 13
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section left

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0121	0.2347	0.0125	1.5739
	19.250	-0.0211	-1.6232	-0.0006	-0.1047
	36.167	-0.0063	-1.1812	-0.0006	-0.1034
	54.941	-0.0017	-0.2590	0.0001	0.0240
	73.174	-0.0007	-0.1248	0.0001	0.0233
12	87.340	-0.0007	-0.1087	0.0001	0.0227
Area		-0.3503	-23.2854	0.0984	10.7211

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-3.803	-3.803	2.088	2.088
Topping	-0.582	-0.582	0.268	0.268
Linear loads	0.140	0.140	0.673	0.673
Live load (incl. reduction factor)				
Vehicle(s)	2.463	-8.553	2.315	-0.463
Total	-1.781	-12.797	5.344	2.566

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
4.79 6.29 10.79 12.29

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
17.75 19.25 23.75 25.25
27.75 29.25 33.75 35.25

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 14
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0095	0.1725	0.0120	1.5293
	19.250	-0.0188	-1.3835	-0.0008	-0.1214
	36.167	-0.0060	-1.1147	-0.0006	-0.1036
	54.941	-0.0016	-0.2490	0.0001	0.0296
	73.174	-0.0007	-0.1209	0.0001	0.0272
12	87.340	-0.0006	-0.1056	0.0001	0.0264
Area		-0.2735	-19.1179	0.0885	10.2006

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-3.076	-3.076	1.946	1.946
Topping	-0.478	-0.478	0.255	0.255
Linear loads	0.110	0.110	0.655	0.655
Live load (incl. reduction factor)				
Vehicle(s)	3.406	-7.728	1.956	-0.521
Total	-0.037	-11.172	4.813	2.335

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
5.38 6.88 11.38 12.88

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
17.75 19.25 23.75 25.25
27.75 29.25 33.75 35.25

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 15
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0054	-0.4225	0.0083	1.1745
	19.250	0.0018	0.6579	-0.0019	-0.2361
	36.167	-0.0030	-0.5342	-0.0003	-0.0749
	54.941	-0.0009	-0.1459	0.0006	0.1007
	73.174	-0.0004	-0.0730	0.0004	0.0768
12	87.340	-0.0004	-0.0654	0.0004	0.0735
Area		0.0240	2.6543	0.0508	7.8475

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.385	0.385	1.368	1.368
Topping	0.066	0.066	0.196	0.196
Linear loads	-0.170	-0.170	0.523	0.523
Live load (incl. reduction factor)				
Vehicle(s)	5.180	-1.935	0.275	-0.491
Total	5.462	-1.654	2.363	1.597

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
6.38 7.88 12.38 13.88
16.38 17.88 22.38 23.88

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
23.04 24.54 29.04 30.54
33.04 34.54 39.04 40.54

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 16
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section c

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0057	-0.7870	0.0068	0.9893
	19.250	0.0225	1.8281	-0.0022	-0.2833
	36.167	-0.0015	-0.1951	0.0000	-0.0387
	54.941	-0.0005	-0.0817	0.0009	0.1569
	73.174	-0.0002	-0.0414	0.0006	0.1167
12	87.340	-0.0002	-0.0384	0.0006	0.1113
Area		0.0655	3.8556	0.0480	7.9104

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.550	0.550	1.463	1.463
Topping	0.096	0.096	0.198	0.198
Linear loads	-0.339	-0.339	0.461	0.461
Live load (incl. reduction factor)				
Vehicle(s)	4.926	-1.144	-0.765	1.109
Total	5.233	-0.837	1.356	3.230

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
11.75 13.25 17.75 19.25
21.75 23.25 27.75 29.25

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
34.67 36.17 40.67 42.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 17
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section right

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0081	-1.8100	0.0032	0.5154
	19.250	-0.0310	-3.1655	-0.0020	-0.3566
	36.167	-0.0004	0.7977	0.0021	0.1339
	54.941	0.0010	0.0897	0.0022	0.3806
	73.174	0.0002	0.0396	0.0016	0.2814
12	87.340	0.0002	0.0296	0.0015	0.2674
Area		-0.4067	-40.3599	0.1017	13.3051

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-5.664	-5.664	3.314	3.314
Topping	-1.009	-1.009	0.333	0.333
Linear loads	-0.820	-0.820	0.327	0.327
Live load (incl. reduction factor)				
Vehicle(s)	2.523	-14.125	1.353	-0.420
Total	-4.969	-21.617	5.327	3.554

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
27.71 29.21 33.71 35.21
43.71 45.21 49.71 51.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
3.25 4.75 9.25 10.75
13.25 14.75 19.25 20.75

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 18
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section left

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0026	0.2391	0.0054	0.9056
	19.250	0.0021	1.2276	0.0029	0.3022
	36.167	-0.0282	-2.7020	-0.0019	-0.3550
	54.941	-0.0069	-1.3139	0.0008	0.1367
	73.174	-0.0043	-0.7236	0.0007	0.1329
12	87.340	-0.0040	-0.6724	0.0007	0.1304
Area		-0.4275	-43.3863	0.0973	12.8377

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-6.398	-6.398	3.180	3.180
Topping	-1.085	-1.085	0.321	0.321
Linear loads	-0.172	-0.172	0.446	0.446
Live load (incl. reduction factor)				
Vehicle(s)	4.215	-12.234	2.042	-0.748
Total	-3.440	-19.889	5.988	3.198

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
20.21 21.71 26.21 27.71
6.21 7.71 12.21 13.71

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
34.67 36.17 40.67 42.17
44.67 46.17 50.67 52.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 19
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0024	0.2349	0.0051	0.8648
	19.250	0.0029	1.1437	0.0026	0.2729
	36.167	-0.0254	-2.3780	-0.0021	-0.3671
	54.941	-0.0066	-1.2469	0.0008	0.1458
	73.174	-0.0042	-0.7031	0.0007	0.1428
12	87.340	-0.0038	-0.6537	0.0008	0.1398
Area		-0.3521	-37.8066	0.0879	12.1151

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-5.508	-5.508	2.962	2.962
Topping	-0.945	-0.945	0.303	0.303
Linear loads	-0.167	-0.167	0.432	0.432
Live load (incl. reduction factor)				
Vehicle(s)	4.581	-11.128	1.656	-0.781
Total	-2.040	-17.748	5.353	2.916

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
20.79 22.29 26.79 28.29
8.71 10.21 14.71 16.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
34.67 36.17 40.67 42.17
44.67 46.17 50.67 52.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 20
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0011	0.1327	0.0032	0.5431
	19.250	0.0014	0.4015	0.0006	0.0477
	36.167	0.0000	0.4118	-0.0029	-0.4466
	54.941	-0.0036	-0.6479	0.0016	0.2477
	73.174	-0.0030	-0.5102	0.0013	0.2491
12	87.340	-0.0028	-0.4779	0.0014	0.2416
Area		-0.0066	-3.8932	0.0465	8.0380

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.641	-0.641	1.736	1.736
Topping	-0.097	-0.097	0.201	0.201
Linear loads	-0.148	-0.148	0.337	0.337
Live load (incl. reduction factor)				
Vehicle(s)	4.925	-2.711	-0.266	-0.177
Total	4.039	-3.597	2.008	2.097

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
15.79 17.29 21.79 23.29
25.79 27.29 31.79 33.29

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
39.04 40.54 45.04 46.54
49.04 50.54 55.04 56.54

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 21
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section c

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0004	0.0572	0.0022	0.3767
	19.250	-0.0005	-0.0344	-0.0003	-0.0650
	36.167	0.0236	2.0190	-0.0031	-0.4765
	54.941	-0.0021	-0.2936	0.0021	0.3224
	73.174	-0.0023	-0.3927	0.0018	0.3257
12	87.340	-0.0022	-0.3707	0.0018	0.3149
Area		0.0700	4.3579	0.0400	7.1124

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.341	0.341	1.459	1.459
Topping	0.109	0.109	0.178	0.178
Linear loads	-0.141	-0.141	0.297	0.297
Live load (incl. reduction factor)				
Vehicle(s)	5.709	-1.602	-1.429	1.272
Total	6.018	-1.292	0.504	3.205

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
26.17 27.67 32.17 33.67
36.17 37.67 42.17 43.67

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
59.67 61.17 65.67 67.17
69.67 71.17 75.67 77.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 22
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section right

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0011	-0.1193	-0.0003	-0.0522
	19.250	-0.0068	-1.2712	-0.0021	-0.3368
	36.167	-0.0214	-1.6813	-0.0027	-0.5109
	54.941	-0.0012	0.7203	0.0048	0.6006
	73.174	-0.0004	-0.1043	0.0034	0.6142
12	87.340	-0.0007	-0.1091	0.0034	0.5914
Area		-0.3066	-19.3538	0.0841	9.5482

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-3.524	-3.524	2.207	2.207
Topping	-0.484	-0.484	0.239	0.239
Linear loads	-0.124	-0.124	0.233	0.233
Live load (incl. reduction factor)				
Vehicle(s)	3.237	-8.862	1.217	-1.734
Total	-0.896	-12.994	3.895	0.945

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
44.63 46.13 50.63 52.13

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
20.17 21.67 26.17 27.67
30.17 31.67 36.17 37.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 23
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section left

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0131	2.2460	0.0017	0.2728
	19.250	0.0154	2.5567	0.0012	0.2220
	36.167	0.0126	2.9680	0.0017	0.0874
	54.941	-0.0365	-4.0083	-0.0001	-0.0554
	73.174	-0.0315	-5.4128	-0.0008	-0.1090
12	87.340	-0.0303	-5.1013	-0.0006	-0.0885
Area		-0.5411	-54.0115	0.0509	4.7030

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-10.886	-10.886	1.401	1.401
Topping	-1.350	-1.350	0.118	0.118
Linear loads	-1.259	-1.259	0.081	0.081
Live load (incl. reduction factor)				
Vehicle(s)	11.108	-23.106	1.083	-0.463
Total	-2.387	-36.601	2.682	1.136

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
37.13 38.63 43.13 44.63
21.12 22.62 27.12 28.62

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
54.94 56.44 60.94 62.44
64.94 66.44 70.94 72.44

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 24
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0124	2.1205	0.0016	0.2594
	19.250	0.0145	2.4158	0.0011	0.2090
	36.167	0.0129	2.7988	0.0015	0.0781
	54.941	-0.0337	-3.6619	-0.0003	-0.0627
	73.174	-0.0298	-5.1238	-0.0009	-0.1151
12	87.340	-0.0287	-4.8347	-0.0006	-0.0931
Area		-0.4563	-47.4263	0.0396	3.9036

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-9.684	-9.684	1.160	1.160
Topping	-1.186	-1.186	0.098	0.098
Linear loads	-1.197	-1.197	0.073	0.073
Live load (incl. reduction factor)				
Vehicle(s)	11.017	-21.697	0.911	-0.511
Total	-1.049	-33.764	2.241	0.820

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
37.71 39.21 43.71 45.21
21.12 22.62 27.12 28.62

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
54.94 56.44 60.94 62.44
64.94 66.44 70.94 72.44

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 25
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0058	0.9899	0.0010	0.1664
	19.250	0.0070	1.1636	0.0006	0.1210
	36.167	0.0070	1.3282	0.0005	0.0182
	54.941	-0.0088	-0.6547	-0.0009	-0.1021
	73.174	-0.0151	-2.5906	-0.0010	-0.1392
12	87.340	-0.0148	-2.4972	-0.0007	-0.1046
Area		-0.0249	-4.6214	-0.0097	-0.8699

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.087	-2.087	-0.275	-0.275
Topping	-0.116	-0.116	-0.022	-0.022
Linear loads	-0.662	-0.662	0.027	0.027
Live load (incl. reduction factor)				
Vehicle(s)	7.931	-10.254	0.087	-0.635
Total	5.067	-13.118	-0.183	-0.905

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
32.71 34.21 38.71 40.21
42.71 44.21 48.71 50.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 26
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section c

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0007	-0.1131	0.0006	0.1068
	19.250	-0.0003	-0.0508	0.0003	0.0676
	36.167	-0.0007	-0.0840	0.0001	-0.0117
	54.941	0.0265	2.2138	-0.0010	-0.1089
	73.174	-0.0011	-0.1475	-0.0008	-0.1265
12	87.340	-0.0014	-0.2428	-0.0006	-0.0804
Area		0.1489	13.1085	-0.0239	-2.7061

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	1.640	1.640	-0.817	-0.817
Topping	0.328	0.328	-0.068	-0.068
Linear loads	-0.152	-0.152	0.011	0.011
Live load (incl. reduction factor)				
Vehicle(s)	6.903	-0.561	-0.566	-0.544
Total	8.719	1.254	-1.441	-1.419

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
44.94 46.44 50.94 52.44
54.94 56.44 60.94 62.44

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 27
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section right

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0146	-2.4888	0.0003	0.0561
	19.250	-0.0158	-2.6662	0.0002	0.0352
	36.167	-0.0179	-3.1226	0.0000	0.0044
	54.941	-0.0237	-1.8362	0.0000	-0.0354
	73.174	0.0254	5.1182	0.0010	-0.0006
12	87.340	0.0279	4.5719	0.0003	0.0722
Area		-0.3684	-25.6505	0.0270	0.9609

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.431	-0.431	0.331	0.331
Topping	-0.641	-0.641	0.024	0.024
Linear loads	0.929	0.929	0.056	0.056
Live load (incl. reduction factor)				
Vehicle(s)	19.614	-14.164	0.586	-0.068
Total	19.471	-14.307	0.997	0.343

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
65.26 66.76 71.26 72.76
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
37.44 38.94 43.44 44.94
47.44 48.94 53.44 54.94

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 28
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section left

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0028	-0.4832	0.0019	0.3232
	19.250	-0.0030	-0.5016	0.0019	0.3238
	36.167	-0.0033	-0.5938	0.0019	0.3415
	54.941	-0.0051	0.0624	0.0026	0.2240
	73.174	-0.0193	-1.3276	-0.0050	-0.8471
12	87.340	0.0027	0.1965	-0.0033	-0.5539
Area		-0.3073	-21.2636	0.0363	1.6417

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.954	-2.954	-0.193	-0.193
Topping	-0.532	-0.532	0.041	0.041
Linear loads	-0.181	-0.181	-0.111	-0.111
Live load (incl. reduction factor)				
Vehicle(s)	2.367	-5.420	0.384	-2.787
Total	-1.300	-9.087	0.121	-3.049

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
57.76 59.26 63.76 65.26

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 29
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0027	-0.4572	0.0018	0.3065
	19.250	-0.0028	-0.4751	0.0018	0.3067
	36.167	-0.0031	-0.5626	0.0018	0.3237
	54.941	-0.0039	0.0472	0.0023	0.2080
	73.174	-0.0170	-1.0857	-0.0050	-0.8320
12	87.340	0.0024	0.1538	-0.0030	-0.5104
Area		-0.2361	-17.0872	0.0263	1.0706

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-2.262	-2.262	-0.340	-0.340
Topping	-0.427	-0.427	0.027	0.027
Linear loads	-0.182	-0.182	-0.099	-0.099
Live load (incl. reduction factor)				
Vehicle(s)	3.236	-4.391	-0.074	-1.654
Total	0.365	-7.262	-0.487	-2.067

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
59.84 61.34 65.84 67.34

Minimum moment : 1 vehicle(s) decisive
Location of wheels z =
71.67 73.17 77.67 79.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 30
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0016	-0.2787	0.0011	0.1844
	19.250	-0.0017	-0.2940	0.0010	0.1826
	36.167	-0.0020	-0.3465	0.0011	0.1932
	54.941	-0.0016	-0.0897	0.0010	0.0948
	73.174	0.0053	1.0823	-0.0046	-0.6769
12	87.340	-0.0002	-0.0656	-0.0003	-0.1103
Area		0.0443	4.9111	-0.0116	-1.7857

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.986	0.986	-0.982	-0.982
Topping	0.123	0.123	-0.045	-0.045
Linear loads	-0.148	-0.148	0.017	0.017
Live load (incl. reduction factor)				
Vehicle(s)	5.994	-1.407	-2.008	0.754
Total	6.954	-0.446	-3.017	-0.256

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
60.84 62.34 66.84 68.34
70.84 72.34 76.84 78.34

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
32.71 34.21 38.71 40.21
42.71 44.21 48.71 50.21

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 31
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section c

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0012	-0.2038	0.0008	0.1377
	19.250	-0.0013	-0.2184	0.0008	0.1355
	36.167	-0.0015	-0.2557	0.0008	0.1436
	54.941	-0.0014	-0.1554	0.0006	0.0545
	73.174	0.0237	2.1131	-0.0041	-0.5907
12	87.340	-0.0017	-0.1377	0.0011	0.0909
Area		0.0785	6.6713	-0.0151	-2.0624

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	1.111	1.111	-0.960	-0.960
Topping	0.167	0.167	-0.052	-0.052
Linear loads	-0.123	-0.123	0.083	0.083
Live load (incl. reduction factor)				
Vehicle(s)	5.859	-1.069	-1.959	0.544
Total	7.014	0.086	-2.888	-0.386

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
63.17 64.67 69.17 70.67
73.17 74.67 79.17 80.67

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
34.21 35.71 40.21 41.71
44.21 45.71 50.21 51.71

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 32
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section right

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0003	0.0571	0.0001	0.0195
	19.250	0.0003	0.0459	0.0001	0.0175
	36.167	0.0003	0.0610	0.0001	0.0187
	54.941	-0.0013	-0.3588	-0.0002	-0.0291
	73.174	-0.0250	-2.3165	-0.0016	-0.2360
12	87.340	-0.0141	-0.4318	0.0080	0.8397
Area		-0.3084	-27.6702	0.0258	1.3727

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-4.297	-4.297	0.442	0.442
Topping	-0.692	-0.692	0.034	0.034
Linear loads	-0.055	-0.055	0.351	0.351
Live load (incl. reduction factor)				
Vehicle(s)	0.194	-9.629	0.070	-0.494
Total	-4.850	-14.673	0.898	0.334

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
12.92 14.42 18.92 20.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
61.67 63.17 67.67 69.17
71.67 73.17 77.67 79.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 33
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 6 section left

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0001	-0.0116	0.0001	0.0219
	19.250	-0.0001	-0.0125	0.0001	0.0224
	36.167	-0.0001	-0.0143	0.0001	0.0236
	54.941	0.0002	-0.0220	0.0002	0.0313
	73.174	-0.0044	0.0284	0.0010	0.0383
12	87.340	-0.0631	-6.1631	0.0011	0.0411
Area		-0.2504	-19.5379	0.0340	2.5266

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.265	-3.265	0.768	0.768
Topping	-0.488	-0.488	0.063	0.063
Linear loads	-2.400	-2.400	0.028	0.028
Live load (incl. reduction factor)				
Vehicle(s)	0.079	-6.442	0.062	0.758
Total	-6.075	-12.596	0.921	1.617

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
53.67 55.17 59.67 61.17

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 34
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 6 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0001	-0.0094	0.0001	0.0176
	19.250	-0.0001	-0.0101	0.0001	0.0180
	36.167	-0.0001	-0.0115	0.0001	0.0189
	54.941	0.0002	-0.0178	0.0001	0.0252
	73.174	-0.0033	0.0228	0.0008	0.0308
12	87.340	-0.0580	-5.5969	0.0008	0.0331
Area		-0.1965	-16.0661	0.0257	2.0313

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.601	-2.601	0.618	0.618
Topping	-0.402	-0.402	0.051	0.051
Linear loads	-2.149	-2.149	0.022	0.022
Live load (incl. reduction factor)				
Vehicle(s)	0.058	-4.731	0.049	0.564
Total	-5.094	-9.883	0.740	1.255

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
53.67 55.17 59.67 61.17

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 35
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 6 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0000	-0.0023	0.0000	0.0039
	19.250	0.0000	-0.0025	0.0000	0.0040
	36.167	0.0000	-0.0028	0.0000	0.0042
	54.941	0.0000	-0.0044	0.0000	0.0056
	73.174	-0.0006	0.0053	0.0002	0.0069
12	87.340	-0.0341	-2.8168	0.0001	0.0074
Area		-0.0427	-4.0237	0.0049	0.4542

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.505	-0.505	0.138	0.138
Topping	-0.101	-0.101	0.011	0.011
Linear loads	-0.919	-0.919	0.005	0.005
Live load (incl. reduction factor)				
Vehicle(s)	0.419	-0.175	0.061	0.092
Total	-1.105	-1.699	0.216	0.246

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
64.01 65.51 70.01 71.51
74.01 75.51 80.01 81.51

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 36
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 7 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0061	0.8998	-0.0107	-1.4427
	19.250	0.0008	0.1631	0.0022	0.2101
	36.167	-0.0022	-0.3461	0.0012	0.1999
	54.941	-0.0005	-0.0842	0.0002	0.0370
	73.174	-0.0002	-0.0367	0.0001	0.0144
12	87.340	-0.0002	-0.0325	0.0001	0.0121
Area		0.0203	2.9591	-0.0252	-3.8771

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.951	-0.951	-0.034	-0.034
Topping	0.074	0.074	-0.097	-0.097
Linear loads	0.374	0.374	-0.600	-0.600
Live load (incl. reduction factor)				
Vehicle(s)	2.264	-1.247	-1.678	0.771
Total	1.761	-1.750	-2.410	0.039

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
12.92 14.42 18.92 20.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
28.67 30.17 34.67 36.17
38.67 40.17 44.67 46.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 37
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 7 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0051	0.7932	-0.0098	-1.3552
	19.250	0.0008	0.1398	0.0025	0.2481
	36.167	-0.0019	-0.3003	0.0012	0.2062
	54.941	-0.0004	-0.0743	0.0002	0.0288
	73.174	-0.0002	-0.0328	0.0000	0.0068
12	87.340	-0.0002	-0.0291	0.0000	0.0047
Area		0.0170	2.5990	-0.0118	-2.5990

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.437	-0.437	0.324	0.324
Topping	0.065	0.065	-0.065	-0.065
Linear loads	0.329	0.329	-0.566	-0.566
Live load (incl. reduction factor)				
Vehicle(s)	1.958	-1.083	-1.273	0.798
Total	1.915	-1.126	-1.579	0.492

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
12.92 14.42 18.92 20.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
28.67 30.17 34.67 36.17
38.67 40.17 44.67 46.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 38
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 7 section c

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0003	0.0493	-0.0052	-0.7920
	19.250	-0.0002	-0.0254	0.0037	0.4681
	36.167	0.0001	0.0136	0.0011	0.1964
	54.941	0.0000	0.0009	-0.0003	-0.0717
	73.174	0.0000	-0.0011	-0.0005	-0.0803
12	87.340	0.0000	-0.0011	-0.0005	-0.0779
Area		0.0011	0.1606	0.0304	2.5239

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.903	0.903	1.681	1.681
Topping	0.004	0.004	0.063	0.063
Linear loads	0.020	0.020	-0.359	-0.359
Live load (incl. reduction factor)				
Vehicle(s)	0.074	-0.066	-0.137	1.783
Total	1.001	0.861	1.248	3.168

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
34.67 36.17 40.67 42.17

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
11.75 13.25 17.75 19.25
21.75 23.25 27.75 29.25

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 39
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 8 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0012	0.2165	-0.0030	-0.5445
	19.250	0.0037	0.5812	-0.0004	0.0134
	36.167	-0.0001	0.0146	0.0039	0.5757
	54.941	-0.0026	-0.4250	-0.0002	-0.0577
	73.174	-0.0021	-0.3636	-0.0007	-0.1264
12	87.340	-0.0020	-0.3403	-0.0007	-0.1241
Area		-0.0199	-3.2305	0.0156	1.8331

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.065	-2.065	1.232	1.232
Topping	-0.081	-0.081	0.046	0.046
Linear loads	-0.048	-0.048	-0.284	-0.284
Live load (incl. reduction factor)				
Vehicle(s)	2.207	-1.711	-0.237	0.342
Total	0.014	-3.904	0.756	1.336

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
9.25 10.75 15.25 16.75
19.25 20.75 25.25 26.75

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
44.94 46.44 50.94 52.44
54.94 56.44 60.94 62.44

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 40
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 8 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0011	0.1892	-0.0026	-0.4763
	19.250	0.0032	0.5079	0.0000	0.0606
	36.167	0.0000	0.0078	0.0041	0.5885
	54.941	-0.0023	-0.3693	-0.0004	-0.0841
	73.174	-0.0019	-0.3148	-0.0009	-0.1538
12	87.340	-0.0017	-0.2946	-0.0009	-0.1497
Area		-0.0173	-2.8040	0.0227	2.4195

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-1.407	-1.407	1.407	1.407
Topping	-0.070	-0.070	0.060	0.060
Linear loads	-0.040	-0.040	-0.266	-0.266
Live load (incl. reduction factor)				
Vehicle(s)	1.897	-1.487	0.020	0.351
Total	0.379	-3.005	1.222	1.552

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
9.25 10.75 15.25 16.75
19.25 20.75 25.25 26.75

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
44.21 45.71 50.21 51.71
54.21 55.71 60.21 61.71

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 41
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 8 section c

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0001	-0.0120	-0.0002	-0.0626
	19.250	0.0000	0.0015	0.0019	0.3351
	36.167	-0.0003	-0.0390	0.0047	0.6327
	54.941	0.0001	0.0184	-0.0019	-0.3052
	73.174	0.0001	0.0242	-0.0022	-0.3755
12	87.340	0.0001	0.0228	-0.0021	-0.3566
Area		0.0008	0.1351	0.0329	2.7396

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.919	0.919	1.496	1.496
Topping	0.003	0.003	0.068	0.068
Linear loads	0.005	0.005	-0.177	-0.177
Live load (incl. reduction factor)				
Vehicle(s)	0.099	-0.122	-1.534	2.471
Total	1.026	0.805	-0.147	3.858

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
59.67 61.17 65.67 67.17
69.67 71.17 75.67 77.17

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
26.17 27.67 32.17 33.67
36.17 37.67 42.17 43.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 42
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 9 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0007	0.1198	-0.0015	-0.2519
	19.250	0.0008	0.1315	-0.0016	-0.2720
	36.167	0.0009	0.1527	-0.0018	-0.3179
	54.941	0.0014	0.1716	-0.0022	-0.2394
	73.174	-0.0019	-0.2845	0.0059	0.8358
12	87.340	-0.0040	-0.6331	0.0034	0.5855
Area		0.0086	1.0550	0.0003	0.0621

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-1.248	-1.248	0.723	0.723
Topping	0.026	0.026	0.002	0.002
Linear loads	-0.224	-0.224	0.156	0.156
Live load (incl. reduction factor)				
Vehicle(s)	0.820	-1.558	-1.247	3.267
Total	-0.626	-3.004	-0.366	4.147

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
43.44 44.94 49.44 50.94
53.44 54.94 59.44 60.94

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 43
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 9 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0006	0.1051	-0.0013	-0.2277
	19.250	0.0007	0.1154	-0.0015	-0.2456
	36.167	0.0008	0.1340	-0.0017	-0.2873
	54.941	0.0011	0.1509	-0.0019	-0.2080
	73.174	-0.0016	-0.2529	0.0059	0.8136
12	87.340	-0.0035	-0.5489	0.0029	0.5114
Area		0.0069	0.9156	0.0120	1.0929

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-0.715	-0.715	0.990	0.990
Topping	0.023	0.023	0.027	0.027
Linear loads	-0.194	-0.194	0.135	0.135
Live load (incl. reduction factor)				
Vehicle(s)	0.677	-1.342	-1.039	3.214
Total	-0.209	-2.228	0.113	4.366

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
43.44 44.94 49.44 50.94
53.44 54.94 59.44 60.94

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 44
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 9 section c

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0001	0.0120	-0.0006	-0.1006
	19.250	0.0001	0.0128	-0.0006	-0.1071
	36.167	0.0001	0.0151	-0.0007	-0.1263
	54.941	0.0001	0.0093	-0.0005	-0.0479
	73.174	-0.0003	-0.0509	0.0050	0.6232
12	87.340	0.0001	0.0082	-0.0004	-0.0184
Area		-0.0001	-0.0160	0.0424	4.3290

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.759	0.759	1.672	1.672
Topping	0.000	0.000	0.108	0.108
Linear loads	0.007	0.007	-0.035	-0.035
Live load (incl. reduction factor)				
Vehicle(s)	0.063	-0.158	-0.508	2.470
Total	0.828	0.607	1.237	4.215

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
34.21 35.71 40.21 41.71
44.21 45.71 50.21 51.71

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
63.17 64.67 69.17 70.67
73.17 74.67 79.17 80.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 45
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 10 section top

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0833	-10.9493	-0.0123	-0.8686
	19.250	0.0165	1.6421	-0.0062	-0.4050
	36.167	0.0066	1.1711	-0.0005	-0.1172
	54.941	0.0016	0.2445	-0.0002	-0.0216
	73.174	0.0007	0.1128	-0.0001	-0.0105
12	87.340	0.0006	0.0973	-0.0001	-0.0090
Area		-0.2590	-34.6246	-0.2829	-18.1165

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-3.595	-3.595	-2.991	-2.991
Topping	-0.866	-0.866	-0.453	-0.453
Linear loads	-4.547	-4.547	-0.380	-0.380
Live load (incl. reduction factor)				
Vehicle(s)	7.511	-15.556	-1.937	-4.791
Total	-1.498	-24.564	-5.761	-8.615

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
17.75 19.25 23.75 25.25
27.75 29.25 33.75 35.25

Minimum moment : 1 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 46
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 10 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0727	-9.6969	-0.0110	-0.7892
	19.250	0.0143	1.4882	-0.0055	-0.3650
	36.167	0.0057	1.0083	-0.0004	-0.0991
	54.941	0.0014	0.2096	-0.0001	-0.0169
	73.174	0.0006	0.0969	0.0000	-0.0077
12	87.340	0.0005	0.0835	0.0000	-0.0065
Area		-0.2258	-30.6465	-0.2481	-16.1855

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-3.357	-3.357	-2.580	-2.580
Topping	-0.766	-0.766	-0.405	-0.405
Linear loads	-4.027	-4.027	-0.345	-0.345
Live load (incl. reduction factor)				
Vehicle(s)	6.542	-13.476	-1.711	-4.205
Total	-1.608	-21.626	-5.040	-7.534

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
17.75 19.25 23.75 25.25
27.75 29.25 33.75 35.25

Minimum moment : 1 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 47
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 10 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0383	-5.2881	-0.0064	-0.5042
	19.250	0.0081	0.9456	-0.0030	-0.2190
	36.167	0.0024	0.4361	-0.0001	-0.0307
	54.941	0.0006	0.0865	0.0000	0.0024
	73.174	0.0002	0.0411	0.0000	0.0037
12	87.340	0.0002	0.0351	0.0000	0.0038
Area		-0.1186	-16.6485	-0.1283	-9.0773

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-2.520	-2.520	-1.044	-1.044
Topping	-0.416	-0.416	-0.227	-0.227
Linear loads	-2.196	-2.196	-0.217	-0.217
Live load (incl. reduction factor)				
Vehicle(s)	3.429	-6.854	-0.884	-2.247
Total	-1.704	-11.986	-2.371	-3.734

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
17.75 19.25 23.75 25.25
27.75 29.25 33.75 35.25

Minimum moment : 1 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 48
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 11 section top

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0107	-2.0490	0.0001	-0.1008
	19.250	-0.0331	-4.3931	-0.0067	-0.4390
	36.167	0.0278	3.4998	-0.0067	-0.4387
	54.941	0.0079	1.4036	-0.0003	-0.1009
	73.174	0.0045	0.7632	-0.0002	-0.0298
12	87.340	0.0041	0.7020	-0.0002	-0.0279
Area		0.0208	3.0263	-0.2726	-19.2863

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.735	0.735	-3.118	-3.118
Topping	0.076	0.076	-0.482	-0.482
Linear loads	-0.647	-0.647	-0.061	-0.061
Live load (incl. reduction factor)				
Vehicle(s)	13.671	-17.270	-3.870	-3.866
Total	13.834	-17.107	-7.531	-7.528

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
30.17 31.67 36.17 37.67
40.17 41.67 46.17 47.67

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
7.75 9.25 13.75 15.25
17.75 19.25 23.75 25.25

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 49
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 11 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0090	-1.7180	0.0002	-0.0808
	19.250	-0.0285	-3.8415	-0.0060	-0.3971
	36.167	0.0241	3.0916	-0.0060	-0.3972
	54.941	0.0068	1.1979	-0.0003	-0.0848
	73.174	0.0038	0.6378	-0.0001	-0.0217
12	87.340	0.0035	0.5861	-0.0001	-0.0203
Area		0.0181	2.6382	-0.2391	-17.1110

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.622	0.622	-2.593	-2.593
Topping	0.066	0.066	-0.428	-0.428
Linear loads	-0.547	-0.547	-0.049	-0.049
Live load (incl. reduction factor)				
Vehicle(s)	11.823	-14.840	-3.420	-3.414
Total	11.964	-14.700	-6.490	-6.484

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
30.17 31.67 36.17 37.67
40.17 41.67 46.17 47.67

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
7.75 9.25 13.75 15.25
17.75 19.25 23.75 25.25

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 50
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 11 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0026	-0.5557	0.0004	-0.0061
	19.250	-0.0137	-1.9004	-0.0035	-0.2458
	36.167	0.0122	1.6542	-0.0035	-0.2475
	54.941	0.0026	0.4752	0.0000	-0.0248
	73.174	0.0012	0.1972	0.0001	0.0106
12	87.340	0.0011	0.1791	0.0001	0.0099
Area		0.0088	1.2713	-0.1238	-9.1416

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.223	0.223	-0.650	-0.650
Topping	0.032	0.032	-0.229	-0.229
Linear loads	-0.193	-0.193	-0.002	-0.002
Live load (incl. reduction factor)				
Vehicle(s)	5.868	-6.836	-1.879	-1.863
Total	5.930	-6.775	-2.759	-2.743

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
30.17 31.67 36.17 37.67
40.17 41.67 46.17 47.67

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
7.75 9.25 13.75 15.25
17.75 19.25 23.75 25.25

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 51
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 12 section top

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0143	-2.3652	0.0012	0.2105
	19.250	-0.0223	-3.8279	0.0008	0.1086
	36.167	-0.0341	-4.6493	-0.0047	-0.1379
	54.941	0.0353	4.7285	-0.0066	-0.4820
	73.174	0.0311	5.3085	-0.0027	-0.4800
12	87.340	0.0296	4.9923	-0.0027	-0.4437
Area		0.2346	34.6578	-0.2838	-18.6299

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	7.362	7.362	-3.390	-3.390
Topping	0.866	0.866	-0.466	-0.466
Linear loads	1.135	1.135	-0.106	-0.106
Live load (incl. reduction factor)				
Vehicle(s)	22.753	-18.962	-2.666	-0.963
Total	32.116	-9.600	-6.628	-4.925

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
54.94 56.44 60.94 62.44
64.94 66.44 70.94 72.44

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
20.17 21.67 26.17 27.67
30.17 31.67 36.17 37.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 52
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 12 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0126	-2.0884	0.0011	0.1941
	19.250	-0.0196	-3.3573	0.0008	0.1072
	36.167	-0.0299	-4.1477	-0.0042	-0.1219
	54.941	0.0307	4.1783	-0.0059	-0.4373
	73.174	0.0275	4.6991	-0.0025	-0.4350
12	87.340	0.0262	4.4194	-0.0024	-0.4024
Area		0.2053	30.5988	-0.2487	-16.6464

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	6.684	6.684	-2.941	-2.941
Topping	0.765	0.765	-0.416	-0.416
Linear loads	1.007	1.007	-0.094	-0.094
Live load (incl. reduction factor)				
Vehicle(s)	20.048	-16.666	-2.407	-0.822
Total	28.504	-8.210	-5.858	-4.274

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
54.94 56.44 60.94 62.44
64.94 66.44 70.94 72.44

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
20.17 21.67 26.17 27.67
30.17 31.67 36.17 37.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 53
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 12 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0067	-1.1172	0.0008	0.1375
	19.250	-0.0099	-1.7069	0.0007	0.1041
	36.167	-0.0165	-2.3870	-0.0021	-0.0628
	54.941	0.0160	2.2436	-0.0034	-0.2758
	73.174	0.0150	2.5641	-0.0015	-0.2715
12	87.340	0.0143	2.4122	-0.0015	-0.2518
Area		0.1074	16.3431	-0.1285	-9.3633

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	4.308	4.308	-1.269	-1.269
Topping	0.409	0.409	-0.234	-0.234
Linear loads	0.562	0.562	-0.052	-0.052
Live load (incl. reduction factor)				
Vehicle(s)	10.723	-8.907	-1.551	-0.305
Total	16.001	-3.628	-3.105	-1.859

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
53.67 55.17 59.67 61.17
63.67 65.17 69.67 71.17

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
20.17 21.67 26.17 27.67
30.17 31.67 36.17 37.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 54
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 13 section top

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0118	-2.0057	-0.0016	-0.2674
	19.250	-0.0128	-2.1646	-0.0017	-0.2912
	36.167	-0.0146	-2.5288	-0.0019	-0.3392
	54.941	-0.0186	-1.8986	-0.0059	-0.3623
	73.174	0.0448	6.4458	-0.0036	0.0816
12	87.340	0.0251	4.3755	0.0036	0.5129
Area		-0.0610	-4.3869	-0.2668	-16.3158

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	2.524	2.524	-2.384	-2.384
Topping	-0.110	-0.110	-0.408	-0.408
Linear loads	1.110	1.110	0.098	0.098
Live load (incl. reduction factor)				
Vehicle(s)	24.523	-11.463	-1.852	-2.157
Total	28.047	-7.940	-4.545	-4.850

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
37.44 38.94 43.44 44.94
47.44 48.94 53.44 54.94

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 55
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 13 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0105	-1.7795	-0.0014	-0.2408
	19.250	-0.0114	-1.9204	-0.0016	-0.2621
	36.167	-0.0130	-2.2437	-0.0017	-0.3050
	54.941	-0.0160	-1.6813	-0.0053	-0.3257
	73.174	0.0393	5.7330	-0.0031	0.0785
12	87.340	0.0221	3.8415	0.0033	0.4717
Area		-0.0514	-3.8200	-0.2333	-14.5321

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	2.081	2.081	-2.028	-2.028
Topping	-0.096	-0.096	-0.363	-0.363
Linear loads	0.968	0.968	0.093	0.093
Live load (incl. reduction factor)				
Vehicle(s)	21.564	-10.081	-1.546	-1.933
Total	24.517	-7.127	-3.844	-4.232

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
37.44 38.94 43.44 44.94
47.44 48.94 53.44 54.94

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 56
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 13 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.0058	-0.9876	-0.0008	-0.1434
	19.250	-0.0063	-1.0649	-0.0009	-0.1562
	36.167	-0.0072	-1.2447	-0.0010	-0.1812
	54.941	-0.0081	-0.9128	-0.0029	-0.1935
	73.174	0.0215	3.2310	-0.0014	0.0699
12	87.340	0.0112	1.9682	0.0022	0.3278
Area		-0.0233	-1.7934	-0.1189	-7.9738

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.533	0.533	-0.695	-0.695
Topping	-0.045	-0.045	-0.199	-0.199
Linear loads	0.467	0.467	0.076	0.076
Live load (incl. reduction factor)				
Vehicle(s)	11.701	-5.389	-0.548	-1.212
Total	12.657	-4.434	-1.366	-2.030

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
66.92 68.42 72.92 74.42
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
38.71 40.21 44.71 46.21
48.71 50.21 54.71 56.21

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 57
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 14 section top

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0004	0.0687	0.0002	0.0322
	19.250	0.0003	0.0584	0.0002	0.0325
	36.167	0.0004	0.0752	0.0002	0.0390
	54.941	-0.0016	-0.3368	0.0001	-0.0272
	73.174	-0.0206	-2.3450	-0.0072	-0.5550
12	87.340	0.0490	5.7313	-0.0149	-1.0261
Area		-0.0580	-8.1323	-0.2222	-14.4731

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-1.032	-1.032	-2.636	-2.636
Topping	-0.203	-0.203	-0.362	-0.362
Linear loads	2.345	2.345	-0.428	-0.428
Live load (incl. reduction factor)				
Vehicle(s)	3.597	-8.384	-4.869	-2.252
Total	4.707	-7.274	-8.295	-5.678

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
57.17 58.67 63.17 64.67
67.17 68.67 73.17 74.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 58
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 14 section a

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0004	0.0720	0.0002	0.0308
	19.250	0.0004	0.0638	0.0002	0.0315
	36.167	0.0004	0.0808	0.0002	0.0379
	54.941	-0.0013	-0.2842	0.0001	-0.0203
	73.174	-0.0181	-2.1189	-0.0064	-0.4987
12	87.340	0.0422	5.0576	-0.0132	-0.9270
Area		-0.0504	-7.1582	-0.1938	-12.8428

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	-0.761	-0.761	-2.254	-2.254
Topping	-0.179	-0.179	-0.321	-0.321
Linear loads	2.072	2.072	-0.386	-0.386
Live load (incl. reduction factor)				
Vehicle(s)	3.056	-7.360	-4.255	-1.997
Total	4.189	-6.227	-7.217	-4.958

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
57.17 58.67 63.17 64.67
67.17 68.67 73.17 74.67

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 59
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 14 section b

Loadfactor 1.000 impactfactor 1.300

Influence lines incl. loaddistribution

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.0005	0.0837	0.0002	0.0287
	19.250	0.0005	0.0833	0.0002	0.0305
	36.167	0.0006	0.1005	0.0002	0.0363
	54.941	-0.0004	-0.0989	0.0002	0.0067
	73.174	-0.0103	-1.3228	-0.0035	-0.2962
12	87.340	0.0212	2.6824	-0.0074	-0.5728
Area		-0.0254	-3.7267	-0.0969	-6.8354

Description	Moment Max.	Moment Min.	Axial force Max. mom	Axial force in case of Min. mom
Selfweight	0.194	0.194	-0.829	-0.829
Topping	-0.093	-0.093	-0.171	-0.171
Linear loads	1.110	1.110	-0.234	-0.234
Live load (incl. reduction factor)				
Vehicle(s)	1.256	-4.155	-2.226	-1.968
Total	2.467	-2.944	-3.461	-3.202

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
76.92 78.42 82.92 84.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
61.67 63.17 67.67 69.17
71.67 73.17 77.67 79.17

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 60
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

LOAD ON THE WEBS

WEB	S.W.
1	4.61
2	7.76
3	4.66
4	4.70
5	4.75

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 61
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Summary of the results (Maximum)

Section	--- Deadload ----		----- P.T. ------		--- Live load ---	
	Moment	Ax.Frc	Moment	Ax.Frc	Moment	Ax.Frc
1 a	-7.11	0.93	0.00	0.00	0.47	0.29
1 b	-11.90	1.76	0.00	0.00	0.05	0.15
1 right	-13.25	2.00	0.00	0.00	0.06	0.18
2 left	-4.24	3.03	0.00	0.00	2.46	2.31
2 a	-3.44	2.86	0.00	0.00	3.41	1.96
2 b	0.28	2.09	0.00	0.00	5.18	0.27
2 c	0.31	2.12	0.00	0.00	4.93	-0.77
2 right	-7.49	3.97	0.00	0.00	2.52	1.35
3 left	-7.66	3.95	0.00	0.00	4.22	2.04
3 a	-6.62	3.70	0.00	0.00	4.58	1.66
3 b	-0.89	2.27	0.00	0.00	4.93	-0.27
3 c	0.31	1.93	0.00	0.00	5.71	-1.43
3 right	-4.13	2.68	0.00	0.00	3.24	1.22
4 left	-13.50	1.60	0.00	0.00	11.11	1.08
4 a	-12.07	1.33	0.00	0.00	11.02	0.91
4 b	-2.86	-0.27	0.00	0.00	7.93	0.09
4 c	1.82	-0.87	0.00	0.00	6.90	-0.57
4 right	-0.14	0.41	0.00	0.00	19.61	0.59
5 left	-3.67	-0.26	0.00	0.00	2.37	0.38
5 a	-2.87	-0.41	0.00	0.00	3.24	-0.07
5 b	0.96	-1.01	0.00	0.00	5.99	-2.01
5 c	1.16	-0.93	0.00	0.00	5.86	-1.96
5 right	-5.04	0.83	0.00	0.00	0.19	0.07
6 left	-6.15	0.86	0.00	0.00	0.08	0.06
6 a	-5.15	0.69	0.00	0.00	0.06	0.05
6 b	-1.52	0.15	0.00	0.00	0.42	0.06
7 a	-0.50	-0.73	0.00	0.00	2.26	-1.68
7 b	-0.04	-0.31	0.00	0.00	1.96	-1.27
7 c	0.93	1.39	0.00	0.00	0.07	-0.14
8 a	-2.19	0.99	0.00	0.00	2.21	-0.24
8 b	-1.52	1.20	0.00	0.00	1.90	0.02
8 c	0.93	1.39	0.00	0.00	0.10	-1.53
9 a	-1.45	0.88	0.00	0.00	0.82	-1.25
9 b	-0.89	1.15	0.00	0.00	0.68	-1.04
9 c	0.77	1.74	0.00	0.00	0.06	-0.51
10 top	-9.01	-3.82	0.00	0.00	7.51	-1.94
10 a	-8.15	-3.33	0.00	0.00	6.54	-1.71
10 b	-5.13	-1.49	0.00	0.00	3.43	-0.88
11 top	0.16	-3.66	0.00	0.00	13.67	-3.87
11 a	0.14	-3.07	0.00	0.00	11.82	-3.42
11 b	0.06	-0.88	0.00	0.00	5.87	-1.88
12 top	9.36	-3.96	0.00	0.00	22.75	-2.67
12 a	8.46	-3.45	0.00	0.00	20.05	-2.41
12 b	5.28	-1.55	0.00	0.00	10.72	-1.55
13 top	3.52	-2.69	0.00	0.00	24.52	-1.85
13 a	2.95	-2.30	0.00	0.00	21.56	-1.55
13 b	0.96	-0.82	0.00	0.00	11.70	-0.55
14 top	1.11	-3.43	0.00	0.00	3.60	-4.87
14 a	1.13	-2.96	0.00	0.00	3.06	-4.26
14 b	1.21	-1.23	0.00	0.00	1.26	-2.23

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 62
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Summary of the results (Minimum)

Section	--- Deadload ----		----- P.T. ------		--- Live load ---	
	Moment	Ax.Frc	Moment	Ax.Frc	Moment	Ax.Frc
1 a	-7.11	0.93	0.00	0.00	-7.00	0.35
1 b	-11.90	1.76	0.00	0.00	-12.60	0.88
1 right	-13.25	2.00	0.00	0.00	-15.07	1.10
2 left	-4.24	3.03	0.00	0.00	-8.55	-0.46
2 a	-3.44	2.86	0.00	0.00	-7.73	-0.52
2 b	0.28	2.09	0.00	0.00	-1.94	-0.49
2 c	0.31	2.12	0.00	0.00	-1.14	1.11
2 right	-7.49	3.97	0.00	0.00	-14.13	-0.42
3 left	-7.66	3.95	0.00	0.00	-12.23	-0.75
3 a	-6.62	3.70	0.00	0.00	-11.13	-0.78
3 b	-0.89	2.27	0.00	0.00	-2.71	-0.18
3 c	0.31	1.93	0.00	0.00	-1.60	1.27
3 right	-4.13	2.68	0.00	0.00	-8.86	-1.73
4 left	-13.50	1.60	0.00	0.00	-23.11	-0.46
4 a	-12.07	1.33	0.00	0.00	-21.70	-0.51
4 b	-2.86	-0.27	0.00	0.00	-10.25	-0.64
4 c	1.82	-0.87	0.00	0.00	-0.56	-0.54
4 right	-0.14	0.41	0.00	0.00	-14.16	-0.07
5 left	-3.67	-0.26	0.00	0.00	-5.42	-2.79
5 a	-2.87	-0.41	0.00	0.00	-4.39	-1.65
5 b	0.96	-1.01	0.00	0.00	-1.41	0.75
5 c	1.16	-0.93	0.00	0.00	-1.07	0.54
5 right	-5.04	0.83	0.00	0.00	-9.63	-0.49
6 left	-6.15	0.86	0.00	0.00	-6.44	0.76
6 a	-5.15	0.69	0.00	0.00	-4.73	0.56
6 b	-1.52	0.15	0.00	0.00	-0.18	0.09
7 a	-0.50	-0.73	0.00	0.00	-1.25	0.77
7 b	-0.04	-0.31	0.00	0.00	-1.08	0.80
7 c	0.93	1.39	0.00	0.00	-0.07	1.78
8 a	-2.19	0.99	0.00	0.00	-1.71	0.34
8 b	-1.52	1.20	0.00	0.00	-1.49	0.35
8 c	0.93	1.39	0.00	0.00	-0.12	2.47
9 a	-1.45	0.88	0.00	0.00	-1.56	3.27
9 b	-0.89	1.15	0.00	0.00	-1.34	3.21
9 c	0.77	1.74	0.00	0.00	-0.16	2.47
10 top	-9.01	-3.82	0.00	0.00	-15.56	-4.79
10 a	-8.15	-3.33	0.00	0.00	-13.48	-4.20
10 b	-5.13	-1.49	0.00	0.00	-6.85	-2.25
11 top	0.16	-3.66	0.00	0.00	-17.27	-3.87
11 a	0.14	-3.07	0.00	0.00	-14.84	-3.41
11 b	0.06	-0.88	0.00	0.00	-6.84	-1.86
12 top	9.36	-3.96	0.00	0.00	-18.96	-0.96
12 a	8.46	-3.45	0.00	0.00	-16.67	-0.82
12 b	5.28	-1.55	0.00	0.00	-8.91	-0.31
13 top	3.52	-2.69	0.00	0.00	-11.46	-2.16
13 a	2.95	-2.30	0.00	0.00	-10.08	-1.93
13 b	0.96	-0.82	0.00	0.00	-5.39	-1.21
14 top	1.11	-3.43	0.00	0.00	-8.38	-2.25
14 a	1.13	-2.96	0.00	0.00	-7.36	-2.00
14 b	1.21	-1.23	0.00	0.00	-4.16	-1.97

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 1
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

The calculation of the influence lines has been ended at the following harmonics

slab	section	moment	axial force
1	A	51	51
1	B	51	51
1	RIGHT	51	51
2	LEFT	51	51
2	A	51	49
2	B	51	49
2	C	51	47
2	RIGHT	51	47
3	LEFT	51	41
3	A	51	37
3	B	51	49
3	C	51	41
3	RIGHT	51	51
4	LEFT	51	51
4	A	51	51
4	B	51	35
4	C	51	47
4	RIGHT	51	51
5	LEFT	51	51
5	A	51	51
5	B	51	49
5	C	51	47
5	RIGHT	51	51
6	LEFT	51	51
6	A	51	51
6	B	51	51
7	A	35	49
7	B	29	47
7	C	29	33
8	A	37	31
8	B	31	37
8	C	27	33
9	A	41	47
9	B	29	47
9	C	25	35
10	TOP	51	51
10	A	51	51
10	B	29	51
11	TOP	51	51
11	A	51	51
11	B	31	51
12	TOP	51	51
12	A	51	51
12	B	31	51
13	TOP	51	51
13	A	51	51
13	B	31	51
14	TOP	51	51
14	A	51	51
14	B	33	51

IV_A_S2_EL.OUT 9/11/2009

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 1
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 1 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.07326	-7.68434	0.00030	0.03681
2	5.208	-0.02714	-2.48062	0.00038	0.03588
3	7.708	0.00468	0.01747	0.00045	0.03545
4	10.208	0.00051	0.01526	0.00057	0.03504
5	10.792	0.00015	0.01477	0.00062	0.03495
6	11.375	-0.00015	0.01427	0.00068	0.03487
7	16.375	-0.00116	0.00922	0.00073	0.03596
8	19.250	-0.00093	0.00582	0.00057	0.03811
9	22.125	-0.00047	0.00273	0.00038	0.04038
10	27.125	-0.00005	-0.00103	0.00025	0.04205
11	27.708	-0.00003	-0.00135	0.00024	0.04204
12	28.292	-0.00002	-0.00166	0.00024	0.04203
13	33.292	0.00006	-0.00319	0.00024	0.04232
14	36.167	0.00005	-0.00307	0.00024	0.04258
15	39.042	0.00002	-0.00265	0.00024	0.04227
16	44.042	-0.00001	-0.00292	0.00023	0.04017
17	44.625	-0.00001	-0.00306	0.00023	0.03983
18	45.208	-0.00001	-0.00320	0.00023	0.03948
19	50.208	-0.00003	-0.00416	0.00021	0.03548
20	54.941	-0.00003	-0.00442	0.00017	0.02977
21	59.674	-0.00003	-0.00417	0.00014	0.02439
22	64.674	-0.00002	-0.00390	0.00012	0.02115
23	65.257	-0.00002	-0.00388	0.00012	0.02089
24	65.840	-0.00002	-0.00386	0.00011	0.02064
25	70.840	-0.00002	-0.00371	0.00010	0.01906
26	73.174	-0.00002	-0.00366	0.00010	0.01870
27	75.507	-0.00002	-0.00363	0.00010	0.01858
28	80.507	-0.00002	-0.00357	0.00010	0.01819
29	81.090	-0.00002	-0.00357	0.00010	0.01811
30	81.674	-0.00002	-0.00356	0.00010	0.01803
31	84.507	-0.00002	-0.00352	0.00010	0.01764
32	87.340	-0.00002	-0.00349	0.00010	0.01726

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 2
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 1 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.09118	-10.14537	0.00089	0.06923
2	5.208	-0.05034	-4.94885	0.00109	0.06755
3	7.708	-0.02714	-2.45445	0.00126	0.06679
4	10.208	0.00312	0.04019	0.00158	0.06605
5	10.792	0.00081	0.03885	0.00172	0.06589
6	11.375	-0.00082	0.03750	0.00184	0.06574
7	16.375	-0.00447	0.02425	0.00164	0.06775
8	19.250	-0.00344	0.01533	0.00121	0.07166
9	22.125	-0.00171	0.00719	0.00078	0.07583
10	27.125	-0.00017	-0.00272	0.00048	0.07886
11	27.708	-0.00010	-0.00357	0.00047	0.07885
12	28.292	-0.00004	-0.00439	0.00047	0.07883
13	33.292	0.00020	-0.00849	0.00045	0.07934
14	36.167	0.00018	-0.00823	0.00045	0.07980
15	39.042	0.00009	-0.00717	0.00045	0.07922
16	44.042	-0.00002	-0.00793	0.00044	0.07533
17	44.625	-0.00003	-0.00829	0.00043	0.07470
18	45.208	-0.00004	-0.00865	0.00043	0.07405
19	50.208	-0.00008	-0.01118	0.00040	0.06666
20	54.941	-0.00009	-0.01184	0.00033	0.05613
21	59.674	-0.00007	-0.01114	0.00026	0.04621
22	64.674	-0.00006	-0.01043	0.00022	0.04024
23	65.257	-0.00006	-0.01037	0.00022	0.03977
24	65.840	-0.00006	-0.01031	0.00022	0.03932
25	70.840	-0.00006	-0.00991	0.00020	0.03639
26	73.174	-0.00006	-0.00978	0.00020	0.03573
27	75.507	-0.00006	-0.00970	0.00020	0.03548
28	80.507	-0.00006	-0.00955	0.00019	0.03475
29	81.090	-0.00006	-0.00953	0.00019	0.03461
30	81.674	-0.00006	-0.00951	0.00019	0.03446
31	84.507	-0.00006	-0.00941	0.00019	0.03376
32	87.340	-0.00005	-0.00932	0.00019	0.03307

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 3
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 1 section right appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.09541	-10.71460	0.00113	0.07889
2	5.208	-0.05578	-5.52070	0.00139	0.07700
3	7.708	-0.03385	-3.02759	0.00164	0.07614
4	10.208	-0.00684	-0.53428	0.00209	0.07532
5	10.792	0.00145	0.04762	0.00227	0.07513
6	11.375	-0.00119	0.04596	0.00242	0.07496
7	16.375	-0.00609	0.02973	0.00197	0.07723
8	19.250	-0.00459	0.01881	0.00143	0.08166
9	22.125	-0.00226	0.00884	0.00091	0.08637
10	27.125	-0.00022	-0.00331	0.00055	0.08980
11	27.708	-0.00013	-0.00435	0.00054	0.08979
12	28.292	-0.00005	-0.00535	0.00054	0.08976
13	33.292	0.00027	-0.01039	0.00051	0.09034
14	36.167	0.00023	-0.01009	0.00051	0.09086
15	39.042	0.00012	-0.00881	0.00051	0.09020
16	44.042	-0.00003	-0.00975	0.00050	0.08578
17	44.625	-0.00004	-0.01018	0.00050	0.08506
18	45.208	-0.00005	-0.01063	0.00049	0.08432
19	50.208	-0.00010	-0.01373	0.00045	0.07594
20	54.941	-0.00011	-0.01453	0.00038	0.06400
21	59.674	-0.00009	-0.01367	0.00030	0.05275
22	64.674	-0.00008	-0.01280	0.00026	0.04599
23	65.257	-0.00007	-0.01273	0.00025	0.04546
24	65.840	-0.00007	-0.01266	0.00025	0.04495
25	70.840	-0.00007	-0.01216	0.00023	0.04163
26	73.174	-0.00007	-0.01200	0.00023	0.04087
27	75.507	-0.00007	-0.01190	0.00022	0.04058
28	80.507	-0.00007	-0.01172	0.00022	0.03976
29	81.090	-0.00007	-0.01169	0.00022	0.03960
30	81.674	-0.00007	-0.01167	0.00022	0.03943
31	84.507	-0.00007	-0.01155	0.00022	0.03864
32	87.340	-0.00007	-0.01144	0.00022	0.03786

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 4
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section left appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01214	0.23468	0.01254	1.57392
2	5.208	-0.00038	1.60661	0.00922	1.07384
3	7.708	0.00667	2.26401	0.00756	0.83368
4	10.208	0.01660	2.92084	0.00571	0.59344
5	10.792	0.02014	3.07406	0.00515	0.53736
6	11.375	0.01274	2.64653	0.00455	0.48157
7	16.375	-0.01741	-0.52554	0.00072	0.05573
8	19.250	-0.02106	-1.62325	-0.00060	-0.10472
9	22.125	-0.01729	-1.89903	-0.00105	-0.16018
10	27.125	-0.01036	-1.61722	-0.00093	-0.14484
11	27.708	-0.00980	-1.56920	-0.00088	-0.13990
12	28.292	-0.00928	-1.52164	-0.00084	-0.13494
13	33.292	-0.00657	-1.23896	-0.00062	-0.10769
14	36.167	-0.00634	-1.18121	-0.00061	-0.10338
15	39.042	-0.00646	-1.13434	-0.00060	-0.09695
16	44.042	-0.00546	-0.89649	-0.00041	-0.06071
17	44.625	-0.00524	-0.85491	-0.00037	-0.05449
18	45.208	-0.00500	-0.81270	-0.00033	-0.04819
19	50.208	-0.00307	-0.47787	-0.00004	-0.00071
20	54.941	-0.00171	-0.25901	0.00012	0.02397
21	59.674	-0.00108	-0.16950	0.00014	0.02776
22	64.674	-0.00088	-0.14349	0.00013	0.02534
23	65.257	-0.00086	-0.14168	0.00013	0.02511
24	65.840	-0.00085	-0.13994	0.00013	0.02488
25	70.840	-0.00076	-0.12808	0.00012	0.02350
26	73.174	-0.00074	-0.12483	0.00012	0.02326
27	75.507	-0.00073	-0.12288	0.00012	0.02328
28	80.507	-0.00071	-0.11793	0.00012	0.02320
29	81.090	-0.00070	-0.11715	0.00012	0.02316
30	81.674	-0.00070	-0.11636	0.00012	0.02311
31	84.507	-0.00067	-0.11253	0.00012	0.02290
32	87.340	-0.00065	-0.10871	0.00012	0.02271

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 5
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00955	0.17247	0.01197	1.52929
2	5.208	0.00138	1.47601	0.00863	1.03620
3	7.708	0.00775	2.10069	0.00693	0.79938
4	10.208	0.01586	2.72480	0.00501	0.56248
5	10.792	0.01835	2.87038	0.00448	0.50719
6	11.375	0.02143	3.01858	0.00392	0.45219
7	16.375	-0.01389	-0.23206	0.00039	0.03406
8	19.250	-0.01878	-1.38346	-0.00081	-0.12139
9	22.125	-0.01582	-1.70975	-0.00118	-0.17219
10	27.125	-0.00958	-1.49306	-0.00096	-0.15058
11	27.708	-0.00907	-1.45092	-0.00091	-0.14505
12	28.292	-0.00860	-1.40906	-0.00086	-0.13951
13	33.292	-0.00616	-1.16318	-0.00061	-0.10868
14	36.167	-0.00598	-1.11467	-0.00060	-0.10357
15	39.042	-0.00610	-1.07164	-0.00060	-0.09678
16	44.042	-0.00516	-0.84794	-0.00040	-0.05874
17	44.625	-0.00495	-0.80896	-0.00036	-0.05218
18	45.208	-0.00473	-0.76940	-0.00031	-0.04554
19	50.208	-0.00292	-0.45523	-0.00001	0.00428
20	54.941	-0.00164	-0.24903	0.00015	0.02961
21	59.674	-0.00104	-0.16393	0.00017	0.03279
22	64.674	-0.00085	-0.13885	0.00015	0.02973
23	65.257	-0.00083	-0.13711	0.00015	0.02944
24	65.840	-0.00082	-0.13543	0.00015	0.02917
25	70.840	-0.00074	-0.12399	0.00014	0.02747
26	73.174	-0.00072	-0.12085	0.00014	0.02717
27	75.507	-0.00071	-0.11898	0.00014	0.02717
28	80.507	-0.00068	-0.11429	0.00014	0.02706
29	81.090	-0.00068	-0.11355	0.00014	0.02700
30	81.674	-0.00068	-0.11280	0.00014	0.02694
31	84.507	-0.00065	-0.10918	0.00014	0.02668
32	87.340	-0.00063	-0.10556	0.00014	0.02643

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 6
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00538	-0.42247	0.00832	1.17446
2	5.208	0.00006	0.30703	0.00531	0.74093
3	7.708	0.00292	0.65691	0.00378	0.53265
4	10.208	0.00601	1.00662	0.00216	0.32425
5	10.792	0.00678	1.08820	0.00177	0.27560
6	11.375	0.00759	1.17170	0.00138	0.22731
7	16.375	0.02316	2.26176	-0.00119	-0.12457
8	19.250	0.00177	0.65794	-0.00187	-0.23607
9	22.125	-0.00265	-0.09398	-0.00179	-0.24575
10	27.125	-0.00284	-0.42584	-0.00104	-0.16972
11	27.708	-0.00278	-0.43315	-0.00094	-0.15911
12	28.292	-0.00273	-0.43929	-0.00083	-0.14863
13	33.292	-0.00278	-0.50382	-0.00032	-0.08696
14	36.167	-0.00300	-0.53420	-0.00030	-0.07492
15	39.042	-0.00307	-0.52435	-0.00034	-0.06517
16	44.042	-0.00256	-0.41956	-0.00011	-0.01288
17	44.625	-0.00246	-0.40235	-0.00006	-0.00365
18	45.208	-0.00236	-0.38493	0.00000	0.00569
19	50.208	-0.00152	-0.24415	0.00040	0.07322
20	54.941	-0.00091	-0.14588	0.00056	0.10066
21	59.674	-0.00061	-0.10003	0.00052	0.09546
22	64.674	-0.00051	-0.08429	0.00046	0.08498
23	65.257	-0.00050	-0.08320	0.00045	0.08410
24	65.840	-0.00049	-0.08216	0.00045	0.08325
25	70.840	-0.00044	-0.07499	0.00042	0.07788
26	73.174	-0.00043	-0.07302	0.00041	0.07681
27	75.507	-0.00043	-0.07195	0.00041	0.07660
28	80.507	-0.00041	-0.06966	0.00041	0.07586
29	81.090	-0.00041	-0.06930	0.00041	0.07566
30	81.674	-0.00041	-0.06894	0.00041	0.07545
31	84.507	-0.00040	-0.06719	0.00041	0.07447
32	87.340	-0.00039	-0.06545	0.00041	0.07353

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 7
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00565	-0.78701	0.00679	0.98929
2	5.208	-0.00288	-0.38333	0.00405	0.58966
3	7.708	-0.00149	-0.18944	0.00267	0.39761
4	10.208	-0.00005	0.00452	0.00123	0.20543
5	10.792	0.00029	0.04979	0.00088	0.16057
6	11.375	0.00065	0.09659	0.00053	0.11609
7	16.375	0.00707	0.81263	-0.00169	-0.19753
8	19.250	0.02251	1.82806	-0.00217	-0.28329
9	22.125	0.00718	0.83471	-0.00192	-0.26880
10	27.125	0.00121	0.19146	-0.00090	-0.16113
11	27.708	0.00093	0.15603	-0.00077	-0.14761
12	28.292	0.00067	0.12256	-0.00063	-0.13431
13	33.292	-0.00106	-0.11908	0.00002	-0.05481
14	36.167	-0.00148	-0.19506	0.00002	-0.03867
15	39.042	-0.00141	-0.20493	-0.00006	-0.02729
16	44.042	-0.00104	-0.16883	0.00017	0.03254
17	44.625	-0.00101	-0.16407	0.00023	0.04319
18	45.208	-0.00097	-0.15932	0.00030	0.05396
19	50.208	-0.00067	-0.11786	0.00074	0.13029
20	54.941	-0.00045	-0.08168	0.00088	0.15691
21	59.674	-0.00033	-0.05868	0.00079	0.14493
22	64.674	-0.00028	-0.04853	0.00070	0.12901
23	65.257	-0.00028	-0.04784	0.00070	0.12770
24	65.840	-0.00028	-0.04719	0.00069	0.12643
25	70.840	-0.00025	-0.04261	0.00065	0.11835
26	73.174	-0.00025	-0.04136	0.00064	0.11667
27	75.507	-0.00024	-0.04080	0.00063	0.11625
28	80.507	-0.00024	-0.03996	0.00063	0.11497
29	81.090	-0.00023	-0.03983	0.00063	0.11465
30	81.674	-0.00023	-0.03970	0.00063	0.11433
31	84.507	-0.00023	-0.03907	0.00063	0.11280
32	87.340	-0.00023	-0.03845	0.00063	0.11132

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 8
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 2 section right appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00809	-1.80998	0.00322	0.51542
2	5.208	-0.01268	-2.37094	0.00125	0.21395
3	7.708	-0.01510	-2.63892	0.00029	0.06891
4	10.208	-0.01773	-2.90614	-0.00069	-0.07632
5	10.792	-0.01839	-2.96839	-0.00093	-0.11024
6	11.375	-0.01906	-3.03024	-0.00115	-0.14366
7	16.375	-0.02699	-3.42170	-0.00231	-0.34608
8	19.250	-0.03101	-3.16547	-0.00205	-0.35663
9	22.125	-0.02690	-1.99905	-0.00104	-0.27139
10	27.125	0.00523	1.43325	0.00135	-0.07113
11	27.708	0.01286	1.89774	0.00171	-0.04910
12	28.292	0.00952	1.78304	0.00203	-0.02753
13	33.292	-0.00060	1.01259	0.00255	0.10479
14	36.167	-0.00040	0.79770	0.00207	0.13389
15	39.042	0.00175	0.72569	0.00147	0.15074
16	44.042	0.00316	0.55462	0.00144	0.23210
17	44.625	0.00309	0.52227	0.00151	0.24674
18	45.208	0.00300	0.48932	0.00159	0.26152
19	50.208	0.00198	0.23588	0.00212	0.36099
20	54.941	0.00101	0.08974	0.00218	0.38056
21	59.674	0.00047	0.04765	0.00192	0.34385
22	64.674	0.00030	0.04299	0.00172	0.30875
23	65.257	0.00029	0.04263	0.00171	0.30589
24	65.840	0.00028	0.04228	0.00169	0.30313
25	70.840	0.00023	0.04016	0.00160	0.28533
26	73.174	0.00023	0.03962	0.00157	0.28138
27	75.507	0.00023	0.03891	0.00156	0.28009
28	80.507	0.00022	0.03575	0.00154	0.27645
29	81.090	0.00022	0.03523	0.00154	0.27567
30	81.674	0.00022	0.03471	0.00154	0.27488
31	84.507	0.00020	0.03217	0.00153	0.27112
32	87.340	0.00019	0.02963	0.00153	0.26744

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 9
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section left appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00264	0.23906	0.00537	0.90561
2	5.208	0.00414	0.56094	0.00421	0.72088
3	7.708	0.00476	0.71685	0.00365	0.63190
4	10.208	0.00530	0.87363	0.00309	0.54274
5	10.792	0.00541	0.91033	0.00297	0.52190
6	11.375	0.00550	0.94625	0.00284	0.50130
7	16.375	0.00421	1.14453	0.00249	0.35953
8	19.250	0.00211	1.22765	0.00290	0.30215
9	22.125	0.00196	1.44888	0.00322	0.23656
10	27.125	0.01213	2.22640	0.00233	0.06039
11	27.708	0.01548	2.34190	0.00202	0.03507
12	28.292	0.00786	1.87828	0.00170	0.00930
13	33.292	-0.02419	-1.54466	-0.00075	-0.23416
14	36.167	-0.02822	-2.70205	-0.00188	-0.35505
15	39.042	-0.02413	-2.94532	-0.00231	-0.38399
16	44.042	-0.01611	-2.52779	-0.00154	-0.24062
17	44.625	-0.01543	-2.46279	-0.00136	-0.21303
18	45.208	-0.01477	-2.39731	-0.00118	-0.18506
19	50.208	-0.00997	-1.82323	0.00015	0.02628
20	54.941	-0.00692	-1.31390	0.00077	0.13674
21	59.674	-0.00548	-0.98340	0.00081	0.15374
22	64.674	-0.00488	-0.83387	0.00073	0.14200
23	65.257	-0.00483	-0.82357	0.00073	0.14080
24	65.840	-0.00478	-0.81370	0.00072	0.13964
25	70.840	-0.00444	-0.74383	0.00069	0.13335
26	73.174	-0.00432	-0.72362	0.00069	0.13294
27	75.507	-0.00424	-0.71348	0.00069	0.13372
28	80.507	-0.00412	-0.69791	0.00070	0.13369
29	81.090	-0.00411	-0.69575	0.00070	0.13340
30	81.674	-0.00410	-0.69356	0.00070	0.13309
31	84.507	-0.00402	-0.68296	0.00071	0.13168
32	87.340	-0.00395	-0.67238	0.00072	0.13035

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 10
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00241	0.23494	0.00513	0.86476
2	5.208	0.00382	0.53093	0.00399	0.68354
3	7.708	0.00442	0.67433	0.00344	0.59627
4	10.208	0.00496	0.81853	0.00289	0.50883
5	10.792	0.00508	0.85230	0.00276	0.48840
6	11.375	0.00518	0.88533	0.00264	0.46819
7	16.375	0.00435	1.06643	0.00225	0.32914
8	19.250	0.00289	1.14367	0.00258	0.27293
9	22.125	0.00318	1.35408	0.00281	0.20881
10	27.125	0.01187	2.09365	0.00180	0.03666
11	27.708	0.01413	2.20339	0.00152	0.01192
12	28.292	0.01697	2.31730	0.00121	-0.01327
13	33.292	-0.02013	-1.17068	-0.00103	-0.25064
14	36.167	-0.02538	-2.37802	-0.00206	-0.36712
15	39.042	-0.02211	-2.67404	-0.00240	-0.39150
16	44.042	-0.01489	-2.33318	-0.00154	-0.24139
17	44.625	-0.01427	-2.27569	-0.00136	-0.21313
18	45.208	-0.01367	-2.21764	-0.00117	-0.18449
19	50.208	-0.00933	-1.70623	0.00020	0.03210
20	54.941	-0.00659	-1.24687	0.00084	0.14580
21	59.674	-0.00528	-0.94465	0.00088	0.16380
22	64.674	-0.00472	-0.80625	0.00079	0.15198
23	65.257	-0.00467	-0.79667	0.00079	0.15075
24	65.840	-0.00463	-0.78748	0.00078	0.14957
25	70.840	-0.00430	-0.72219	0.00075	0.14317
26	73.174	-0.00419	-0.70310	0.00074	0.14277
27	75.507	-0.00412	-0.69330	0.00074	0.14357
28	80.507	-0.00401	-0.67815	0.00075	0.14343
29	81.090	-0.00399	-0.67609	0.00075	0.14312
30	81.674	-0.00398	-0.67399	0.00076	0.14278
31	84.507	-0.00391	-0.66385	0.00076	0.14123
32	87.340	-0.00384	-0.65374	0.00077	0.13978

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 11
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00112	0.13267	0.00323	0.54307
2	5.208	0.00149	0.21768	0.00225	0.39149
3	7.708	0.00166	0.25904	0.00178	0.31858
4	10.208	0.00181	0.30072	0.00130	0.24556
5	10.792	0.00185	0.31050	0.00119	0.22851
6	11.375	0.00188	0.31999	0.00108	0.21165
7	16.375	0.00166	0.36614	0.00056	0.09492
8	19.250	0.00144	0.40148	0.00056	0.04772
9	22.125	0.00204	0.52726	0.00048	-0.00466
10	27.125	0.00563	0.95301	-0.00049	-0.14312
11	27.708	0.00624	1.01468	-0.00068	-0.16298
12	28.292	0.00691	1.07913	-0.00087	-0.18318
13	33.292	0.02160	2.04347	-0.00235	-0.36829
14	36.167	0.00004	0.41175	-0.00291	-0.44659
15	39.042	-0.00429	-0.33321	-0.00280	-0.43140
16	44.042	-0.00426	-0.64462	-0.00137	-0.22316
17	44.625	-0.00419	-0.65092	-0.00112	-0.18911
18	45.208	-0.00412	-0.65595	-0.00088	-0.15474
19	50.208	-0.00380	-0.67829	0.00084	0.10671
20	54.941	-0.00362	-0.64793	0.00158	0.24767
21	59.674	-0.00343	-0.59126	0.00155	0.27349
22	64.674	-0.00325	-0.55057	0.00141	0.26032
23	65.257	-0.00323	-0.54732	0.00140	0.25880
24	65.840	-0.00322	-0.54416	0.00140	0.25732
25	70.840	-0.00308	-0.51941	0.00135	0.24953
26	73.174	-0.00302	-0.51023	0.00134	0.24913
27	75.507	-0.00298	-0.50359	0.00134	0.24997
28	80.507	-0.00291	-0.49241	0.00135	0.24860
29	81.090	-0.00290	-0.49117	0.00135	0.24800
30	81.674	-0.00289	-0.48993	0.00135	0.24737
31	84.507	-0.00286	-0.48392	0.00135	0.24443
32	87.340	-0.00282	-0.47794	0.00136	0.24162

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 12
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00044	0.05721	0.00224	0.37667
2	5.208	0.00018	0.02273	0.00136	0.24188
3	7.708	0.00005	0.00630	0.00094	0.17709
4	10.208	-0.00009	-0.01007	0.00051	0.11225
5	10.792	-0.00012	-0.01388	0.00041	0.09711
6	11.375	-0.00015	-0.01771	0.00031	0.08213
7	16.375	-0.00048	-0.04712	-0.00020	-0.02235
8	19.250	-0.00053	-0.03442	-0.00026	-0.06495
9	22.125	-0.00010	0.04438	-0.00037	-0.11115
10	27.125	0.00167	0.29270	-0.00121	-0.23077
11	27.708	0.00194	0.32711	-0.00136	-0.24785
12	28.292	0.00223	0.36348	-0.00152	-0.26519
13	33.292	0.00824	1.01649	-0.00272	-0.42027
14	36.167	0.02361	2.01904	-0.00310	-0.47651
15	39.042	0.00827	1.01827	-0.00282	-0.43841
16	44.042	0.00207	0.33484	-0.00110	-0.19658
17	44.625	0.00174	0.29210	-0.00082	-0.15918
18	45.208	0.00143	0.25104	-0.00054	-0.12152
19	50.208	-0.00086	-0.07685	0.00137	0.16578
20	54.941	-0.00209	-0.29357	0.00213	0.32239
21	59.674	-0.00238	-0.37950	0.00204	0.35255
22	64.674	-0.00237	-0.39602	0.00186	0.33834
23	65.257	-0.00236	-0.39649	0.00185	0.33661
24	65.840	-0.00236	-0.39687	0.00185	0.33494
25	70.840	-0.00232	-0.39601	0.00178	0.32614
26	73.174	-0.00230	-0.39275	0.00177	0.32570
27	75.507	-0.00228	-0.38804	0.00177	0.32650
28	80.507	-0.00224	-0.37930	0.00178	0.32421
29	81.090	-0.00223	-0.37855	0.00178	0.32341
30	81.674	-0.00223	-0.37782	0.00178	0.32258
31	84.507	-0.00221	-0.37426	0.00178	0.31868
32	87.340	-0.00220	-0.37073	0.00179	0.31491

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 13
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 3 section right appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00112	-0.11928	-0.00030	-0.05224
2	5.208	-0.00333	-0.50636	-0.00087	-0.13714
3	7.708	-0.00438	-0.69334	-0.00115	-0.17781
4	10.208	-0.00542	-0.88105	-0.00144	-0.21842
5	10.792	-0.00566	-0.92495	-0.00150	-0.22789
6	11.375	-0.00590	-0.96808	-0.00157	-0.23728
7	16.375	-0.00694	-1.21894	-0.00198	-0.30642
8	19.250	-0.00684	-1.27117	-0.00209	-0.33681
9	22.125	-0.00708	-1.32953	-0.00221	-0.36637
10	27.125	-0.00977	-1.60502	-0.00262	-0.43219
11	27.708	-0.01029	-1.65134	-0.00268	-0.44117
12	28.292	-0.01084	-1.69807	-0.00275	-0.45021
13	33.292	-0.01774	-1.96763	-0.00305	-0.51832
14	36.167	-0.02144	-1.68126	-0.00271	-0.51085
15	39.042	-0.01763	-0.56697	-0.00163	-0.40625
16	44.042	0.01287	2.64200	0.00154	-0.06565
17	44.625	0.02024	3.07418	0.00205	-0.01831
18	45.208	0.01662	2.92570	0.00253	0.02916
19	50.208	0.00265	1.68390	0.00455	0.39433
20	54.941	-0.00115	0.72027	0.00478	0.60057
21	59.674	-0.00061	0.19788	0.00404	0.64677
22	64.674	-0.00019	0.00529	0.00359	0.63061
23	65.257	-0.00018	-0.00654	0.00357	0.62830
24	65.840	-0.00018	-0.01774	0.00355	0.62604
25	70.840	-0.00032	-0.08976	0.00343	0.61461
26	73.174	-0.00041	-0.10434	0.00340	0.61420
27	75.507	-0.00048	-0.10506	0.00340	0.61492
28	80.507	-0.00059	-0.10218	0.00341	0.60919
29	81.090	-0.00060	-0.10271	0.00341	0.60767
30	81.674	-0.00061	-0.10330	0.00341	0.60611
31	84.507	-0.00066	-0.10618	0.00341	0.59867
32	87.340	-0.00071	-0.10907	0.00341	0.59140

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 14
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section left appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.01314	2.24596	0.00166	0.27280
2	5.208	0.01377	2.34350	0.00154	0.26533
3	7.708	0.01408	2.39059	0.00149	0.26203
4	10.208	0.01439	2.43785	0.00142	0.25892
5	10.792	0.01447	2.44890	0.00141	0.25822
6	11.375	0.01454	2.45980	0.00140	0.25746
7	16.375	0.01514	2.53142	0.00127	0.24083
8	19.250	0.01544	2.55671	0.00119	0.22203
9	22.125	0.01566	2.58576	0.00111	0.20038
10	27.125	0.01577	2.67346	0.00100	0.17145
11	27.708	0.01575	2.68662	0.00099	0.16894
12	28.292	0.01572	2.70007	0.00098	0.16635
13	33.292	0.01430	2.83987	0.00125	0.12569
14	36.167	0.01263	2.96801	0.00173	0.08743
15	39.042	0.01240	3.16410	0.00219	0.04976
16	44.042	0.02018	3.58789	0.00231	0.01198
17	44.625	0.02308	3.64017	0.00211	0.00986
18	45.208	0.01498	3.11060	0.00187	0.00783
19	50.208	-0.02373	-1.14164	0.00069	-0.01720
20	54.941	-0.03645	-4.00825	-0.00013	-0.05539
21	59.674	-0.03510	-5.19286	-0.00069	-0.09185
22	64.674	-0.03280	-5.44244	-0.00087	-0.11315
23	65.257	-0.03266	-5.45033	-0.00087	-0.11476
24	65.840	-0.03254	-5.45700	-0.00087	-0.11624
25	70.840	-0.03174	-5.45514	-0.00085	-0.11661
26	73.174	-0.03148	-5.41283	-0.00083	-0.10904
27	75.507	-0.03126	-5.34825	-0.00079	-0.09939
28	80.507	-0.03083	-5.22502	-0.00071	-0.08871
29	81.090	-0.03078	-5.21420	-0.00070	-0.08867
30	81.674	-0.03074	-5.20361	-0.00070	-0.08869
31	84.507	-0.03052	-5.15237	-0.00066	-0.08869
32	87.340	-0.03029	-5.10133	-0.00062	-0.08854

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 15
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.01242	2.12048	0.00157	0.25937
2	5.208	0.01301	2.21343	0.00146	0.25178
3	7.708	0.01330	2.25831	0.00141	0.24844
4	10.208	0.01360	2.30334	0.00135	0.24527
5	10.792	0.01367	2.31387	0.00133	0.24456
6	11.375	0.01374	2.32427	0.00132	0.24379
7	16.375	0.01428	2.39226	0.00119	0.22738
8	19.250	0.01454	2.41585	0.00111	0.20903
9	22.125	0.01473	2.44263	0.00104	0.18795
10	27.125	0.01489	2.52428	0.00092	0.15977
11	27.708	0.01489	2.53659	0.00091	0.15731
12	28.292	0.01488	2.54917	0.00090	0.15479
13	33.292	0.01395	2.67897	0.00112	0.11523
14	36.167	0.01290	2.79880	0.00151	0.07806
15	39.042	0.01312	2.98530	0.00186	0.04142
16	44.042	0.01957	3.39370	0.00175	0.00450
17	44.625	0.02140	3.44436	0.00157	0.00241
18	45.208	0.02379	3.49660	0.00137	0.00040
19	50.208	-0.01960	-0.77279	0.00043	-0.02449
20	54.941	-0.03367	-3.66192	-0.00028	-0.06271
21	59.674	-0.03299	-4.86849	-0.00077	-0.09919
22	64.674	-0.03095	-5.13380	-0.00092	-0.12033
23	65.257	-0.03083	-5.14312	-0.00091	-0.12192
24	65.840	-0.03072	-5.15121	-0.00091	-0.12337
25	70.840	-0.03003	-5.16115	-0.00089	-0.12314
26	73.174	-0.02980	-5.12380	-0.00086	-0.11510
27	75.507	-0.02959	-5.06345	-0.00082	-0.10497
28	80.507	-0.02919	-4.94811	-0.00075	-0.09364
29	81.090	-0.02916	-4.93817	-0.00074	-0.09356
30	81.674	-0.02912	-4.92847	-0.00073	-0.09355
31	84.507	-0.02892	-4.88147	-0.00069	-0.09337
32	87.340	-0.02871	-4.83467	-0.00065	-0.09305

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 16
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00581	0.98995	0.00100	0.16642
2	5.208	0.00616	1.04787	0.00090	0.15851
3	7.708	0.00634	1.07583	0.00086	0.15498
4	10.208	0.00652	1.10389	0.00081	0.15162
5	10.792	0.00656	1.11045	0.00079	0.15086
6	11.375	0.00660	1.11690	0.00078	0.15005
7	16.375	0.00687	1.15537	0.00068	0.13579
8	19.250	0.00695	1.16362	0.00062	0.12097
9	22.125	0.00700	1.17082	0.00055	0.10428
10	27.125	0.00711	1.20497	0.00044	0.08188
11	27.708	0.00712	1.21085	0.00042	0.07991
12	28.292	0.00714	1.21683	0.00041	0.07788
13	33.292	0.00705	1.27117	0.00040	0.04695
14	36.167	0.00702	1.32818	0.00045	0.01817
15	39.042	0.00759	1.44185	0.00045	-0.01038
16	44.042	0.01029	1.73355	0.00011	-0.04002
17	44.625	0.01074	1.77206	0.00004	-0.04181
18	45.208	0.01123	1.81208	-0.00004	-0.04355
19	50.208	0.02309	2.41190	-0.00053	-0.06607
20	54.941	-0.00882	-0.65469	-0.00090	-0.10205
21	59.674	-0.01440	-2.03820	-0.00112	-0.13625
22	64.674	-0.01473	-2.43393	-0.00112	-0.15489
23	65.257	-0.01476	-2.45538	-0.00110	-0.15619
24	65.840	-0.01479	-2.47542	-0.00109	-0.15733
25	70.840	-0.01505	-2.58546	-0.00099	-0.15149
26	73.174	-0.01508	-2.59064	-0.00096	-0.13923
27	75.507	-0.01502	-2.56694	-0.00093	-0.12494
28	80.507	-0.01488	-2.52076	-0.00085	-0.10824
29	81.090	-0.01487	-2.51855	-0.00084	-0.10787
30	81.674	-0.01487	-2.51655	-0.00083	-0.10760
31	84.507	-0.01485	-2.50684	-0.00078	-0.10615
32	87.340	-0.01482	-2.49715	-0.00072	-0.10457

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 17
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00067	-0.11308	0.00064	0.10678
2	5.208	-0.00051	-0.08666	0.00056	0.09939
3	7.708	-0.00043	-0.07391	0.00051	0.09607
4	10.208	-0.00036	-0.06112	0.00047	0.09290
5	10.792	-0.00034	-0.05813	0.00046	0.09218
6	11.375	-0.00032	-0.05522	0.00045	0.09142
7	16.375	-0.00024	-0.04415	0.00037	0.07940
8	19.250	-0.00028	-0.05080	0.00032	0.06755
9	22.125	-0.00035	-0.06233	0.00026	0.05445
10	27.125	-0.00043	-0.07167	0.00016	0.03694
11	27.708	-0.00044	-0.07157	0.00015	0.03539
12	28.292	-0.00044	-0.07151	0.00014	0.03380
13	33.292	-0.00062	-0.08487	0.00008	0.01010
14	36.167	-0.00069	-0.08396	0.00006	-0.01174
15	39.042	-0.00042	-0.03478	0.00000	-0.03343
16	44.042	0.00087	0.15470	-0.00027	-0.05627
17	44.625	0.00107	0.18268	-0.00032	-0.05769
18	45.208	0.00129	0.21212	-0.00037	-0.05909
19	50.208	0.00530	0.69900	-0.00071	-0.07787
20	54.941	0.02646	2.21377	-0.00099	-0.10887
21	59.674	0.00516	0.67668	-0.00114	-0.13811
22	64.674	0.00100	0.16393	-0.00104	-0.15304
23	65.257	0.00077	0.13135	-0.00101	-0.15398
24	65.840	0.00055	0.10032	-0.00098	-0.15477
25	70.840	-0.00080	-0.10242	-0.00083	-0.14297
26	73.174	-0.00105	-0.14753	-0.00081	-0.12648
27	75.507	-0.00106	-0.15881	-0.00081	-0.10814
28	80.507	-0.00108	-0.17943	-0.00074	-0.08649
29	81.090	-0.00110	-0.18469	-0.00072	-0.08590
30	81.674	-0.00113	-0.19015	-0.00071	-0.08541
31	84.507	-0.00126	-0.21654	-0.00064	-0.08297
32	87.340	-0.00139	-0.24279	-0.00058	-0.08040

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 18
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 4 section right appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01465	-2.48881	0.00033	0.05609
2	5.208	-0.01490	-2.52992	0.00028	0.05184
3	7.708	-0.01502	-2.54977	0.00026	0.04995
4	10.208	-0.01515	-2.56969	0.00024	0.04814
5	10.792	-0.01518	-2.57435	0.00023	0.04773
6	11.375	-0.01521	-2.57905	0.00023	0.04731
7	16.375	-0.01553	-2.62711	0.00018	0.04099
8	19.250	-0.01580	-2.66624	0.00016	0.03518
9	22.125	-0.01612	-2.71828	0.00013	0.02917
10	27.125	-0.01667	-2.82076	0.00008	0.02196
11	27.708	-0.01673	-2.83298	0.00008	0.02139
12	28.292	-0.01679	-2.84556	0.00007	0.02081
13	33.292	-0.01744	-3.00328	0.00002	0.01223
14	36.167	-0.01793	-3.12259	-0.00001	0.00440
15	39.042	-0.01847	-3.21284	-0.00005	-0.00319
16	44.042	-0.01949	-3.24680	-0.00014	-0.01074
17	44.625	-0.01963	-3.24201	-0.00015	-0.01116
18	45.208	-0.01979	-3.23591	-0.00016	-0.01158
19	50.208	-0.02220	-3.00195	-0.00019	-0.01951
20	54.941	-0.02370	-1.83618	0.00000	-0.03539
21	59.674	-0.01115	1.00095	0.00043	-0.04960
22	64.674	0.02738	5.21221	0.00137	-0.05381
23	65.257	0.03547	5.73666	0.00159	-0.05378
24	65.840	0.03255	5.67953	0.00177	-0.05357
25	70.840	0.02511	5.25765	0.00143	-0.02703
26	73.174	0.02543	5.11816	0.00096	-0.00057
27	75.507	0.02686	5.02386	0.00050	0.02711
28	80.507	0.02835	4.84377	0.00015	0.06024
29	81.090	0.02835	4.82059	0.00017	0.06138
30	81.674	0.02833	4.79726	0.00018	0.06237
31	84.507	0.02814	4.68435	0.00025	0.06723
32	87.340	0.02785	4.57194	0.00032	0.07217

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 19
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section left appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00284	-0.48316	0.00190	0.32320
2	5.208	-0.00285	-0.48550	0.00189	0.32422
3	7.708	-0.00286	-0.48665	0.00188	0.32486
4	10.208	-0.00287	-0.48783	0.00187	0.32561
5	10.792	-0.00287	-0.48811	0.00187	0.32579
6	11.375	-0.00287	-0.48841	0.00187	0.32597
7	16.375	-0.00292	-0.49423	0.00187	0.32535
8	19.250	-0.00298	-0.50164	0.00187	0.32376
9	22.125	-0.00305	-0.51258	0.00188	0.32322
10	27.125	-0.00314	-0.53325	0.00189	0.32691
11	27.708	-0.00315	-0.53559	0.00189	0.32766
12	28.292	-0.00316	-0.53802	0.00189	0.32844
13	33.292	-0.00324	-0.57099	0.00191	0.33646
14	36.167	-0.00329	-0.59382	0.00194	0.34151
15	39.042	-0.00332	-0.60199	0.00197	0.34498
16	44.042	-0.00345	-0.57306	0.00200	0.34630
17	44.625	-0.00348	-0.56691	0.00201	0.34613
18	45.208	-0.00352	-0.56022	0.00201	0.34586
19	50.208	-0.00431	-0.42419	0.00223	0.32613
20	54.941	-0.00509	0.06241	0.00258	0.22400
21	59.674	-0.00067	1.12345	0.00207	-0.01737
22	64.674	0.01506	2.62663	0.00008	-0.36869
23	65.257	0.01893	2.81153	-0.00038	-0.41221
24	65.840	0.01181	2.41589	-0.00087	-0.45552
25	70.840	-0.01650	-0.50626	-0.00402	-0.76792
26	73.174	-0.01934	-1.32761	-0.00498	-0.84713
27	75.507	-0.01623	-1.50292	-0.00532	-0.84861
28	80.507	-0.00711	-0.94730	-0.00480	-0.74237
29	81.090	-0.00619	-0.85078	-0.00467	-0.72641
30	81.674	-0.00530	-0.75307	-0.00454	-0.71032
31	84.507	-0.00118	-0.27836	-0.00393	-0.63213
32	87.340	0.00272	0.19646	-0.00333	-0.55393

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 20
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00269	-0.45719	0.00180	0.30655
2	5.208	-0.00270	-0.45952	0.00179	0.30740
3	7.708	-0.00271	-0.46066	0.00178	0.30796
4	10.208	-0.00272	-0.46183	0.00178	0.30862
5	10.792	-0.00272	-0.46211	0.00177	0.30878
6	11.375	-0.00272	-0.46240	0.00177	0.30894
7	16.375	-0.00276	-0.46803	0.00177	0.30827
8	19.250	-0.00282	-0.47511	0.00177	0.30674
9	22.125	-0.00288	-0.48551	0.00178	0.30623
10	27.125	-0.00298	-0.50510	0.00179	0.30974
11	27.708	-0.00299	-0.50732	0.00179	0.31045
12	28.292	-0.00300	-0.50961	0.00179	0.31119
13	33.292	-0.00309	-0.54082	0.00181	0.31886
14	36.167	-0.00314	-0.56256	0.00184	0.32369
15	39.042	-0.00319	-0.57072	0.00186	0.32695
16	44.042	-0.00328	-0.54465	0.00189	0.32793
17	44.625	-0.00330	-0.53900	0.00190	0.32773
18	45.208	-0.00332	-0.53286	0.00190	0.32743
19	50.208	-0.00382	-0.40705	0.00208	0.30784
20	54.941	-0.00390	0.04722	0.00234	0.20801
21	59.674	0.00082	1.04304	0.00171	-0.02734
22	64.674	0.01454	2.45767	-0.00044	-0.36962
23	65.257	0.01727	2.63180	-0.00088	-0.41201
24	65.840	0.02057	2.80877	-0.00132	-0.45419
25	70.840	-0.01307	-0.21351	-0.00416	-0.75713
26	73.174	-0.01697	-1.08572	-0.00502	-0.83203
27	75.507	-0.01460	-1.31237	-0.00527	-0.82910
28	80.507	-0.00648	-0.85935	-0.00463	-0.71292
29	81.090	-0.00566	-0.77402	-0.00449	-0.69576
30	81.674	-0.00485	-0.68745	-0.00435	-0.67847
31	84.507	-0.00114	-0.26686	-0.00368	-0.59445
32	87.340	0.00236	0.15385	-0.00303	-0.51042

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 21
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00164	-0.27872	0.00108	0.18437
2	5.208	-0.00166	-0.28166	0.00107	0.18426
3	7.708	-0.00167	-0.28308	0.00106	0.18431
4	10.208	-0.00168	-0.28452	0.00106	0.18442
5	10.792	-0.00168	-0.28485	0.00106	0.18445
6	11.375	-0.00168	-0.28520	0.00106	0.18448
7	16.375	-0.00171	-0.28962	0.00105	0.18362
8	19.250	-0.00174	-0.29405	0.00105	0.18258
9	22.125	-0.00178	-0.30022	0.00105	0.18226
10	27.125	-0.00184	-0.31197	0.00106	0.18440
11	27.708	-0.00185	-0.31333	0.00106	0.18483
12	28.292	-0.00185	-0.31473	0.00106	0.18528
13	33.292	-0.00193	-0.33311	0.00107	0.19017
14	36.167	-0.00199	-0.34655	0.00109	0.19321
15	39.042	-0.00204	-0.35436	0.00110	0.19476
16	44.042	-0.00209	-0.34890	0.00110	0.19332
17	44.625	-0.00209	-0.34698	0.00110	0.19288
18	45.208	-0.00210	-0.34484	0.00110	0.19236
19	50.208	-0.00213	-0.29436	0.00111	0.17454
20	54.941	-0.00158	-0.08972	0.00097	0.09478
21	59.674	0.00107	0.38110	0.00010	-0.08843
22	64.674	0.00644	1.06500	-0.00178	-0.35261
23	65.257	0.00722	1.14969	-0.00205	-0.38525
24	65.840	0.00804	1.23662	-0.00232	-0.41767
25	70.840	0.02399	2.38050	-0.00417	-0.63918
26	73.174	0.00529	1.08228	-0.00459	-0.67692
27	75.507	0.00062	0.42483	-0.00442	-0.63604
28	80.507	-0.00041	0.01654	-0.00295	-0.43421
29	81.090	-0.00037	0.00804	-0.00271	-0.40670
30	81.674	-0.00032	0.00115	-0.00248	-0.37905
31	84.507	-0.00021	-0.03224	-0.00136	-0.24470
32	87.340	-0.00019	-0.06556	-0.00030	-0.11033

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 22
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00120	-0.20382	0.00081	0.13773
2	5.208	-0.00122	-0.20717	0.00080	0.13738
3	7.708	-0.00123	-0.20879	0.00079	0.13728
4	10.208	-0.00124	-0.21041	0.00079	0.13724
5	10.792	-0.00124	-0.21079	0.00078	0.13723
6	11.375	-0.00124	-0.21118	0.00078	0.13723
7	16.375	-0.00127	-0.21513	0.00078	0.13638
8	19.250	-0.00129	-0.21836	0.00078	0.13554
9	22.125	-0.00132	-0.22264	0.00078	0.13529
10	27.125	-0.00136	-0.23101	0.00078	0.13690
11	27.708	-0.00137	-0.23201	0.00078	0.13722
12	28.292	-0.00137	-0.23303	0.00078	0.13755
13	33.292	-0.00144	-0.24590	0.00080	0.14130
14	36.167	-0.00149	-0.25573	0.00081	0.14358
15	39.042	-0.00154	-0.26337	0.00082	0.14444
16	44.042	-0.00160	-0.26689	0.00080	0.14215
17	44.625	-0.00160	-0.26660	0.00080	0.14165
18	45.208	-0.00161	-0.26621	0.00080	0.14107
19	50.208	-0.00164	-0.24865	0.00078	0.12444
20	54.941	-0.00135	-0.15536	0.00060	0.05445
21	59.674	-0.00004	0.07710	-0.00023	-0.10402
22	64.674	0.00245	0.42582	-0.00185	-0.33134
23	65.257	0.00279	0.46937	-0.00207	-0.35939
24	65.840	0.00315	0.51488	-0.00230	-0.38722
25	70.840	0.01034	1.27424	-0.00384	-0.57043
26	73.174	0.02368	2.11314	-0.00413	-0.59075
27	75.507	0.01024	1.25633	-0.00383	-0.53209
28	80.507	0.00274	0.45005	-0.00202	-0.29003
29	81.090	0.00234	0.39823	-0.00173	-0.25766
30	81.674	0.00195	0.34820	-0.00145	-0.22512
31	84.507	0.00012	0.10522	-0.00012	-0.06709
32	87.340	-0.00166	-0.13770	0.00114	0.09095

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 23
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 5 section right appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00033	0.05712	0.00011	0.01945
2	5.208	0.00030	0.05250	0.00011	0.01885
3	7.708	0.00029	0.05029	0.00011	0.01858
4	10.208	0.00028	0.04810	0.00010	0.01831
5	10.792	0.00027	0.04758	0.00010	0.01825
6	11.375	0.00027	0.04709	0.00010	0.01819
7	16.375	0.00026	0.04491	0.00010	0.01769
8	19.250	0.00027	0.04588	0.00010	0.01749
9	22.125	0.00028	0.04815	0.00010	0.01747
10	27.125	0.00030	0.05145	0.00010	0.01770
11	27.708	0.00030	0.05170	0.00010	0.01774
12	28.292	0.00030	0.05198	0.00010	0.01778
13	33.292	0.00031	0.05811	0.00010	0.01847
14	36.167	0.00031	0.06097	0.00010	0.01874
15	39.042	0.00027	0.05471	0.00010	0.01810
16	44.042	0.00014	0.02256	0.00008	0.01493
17	44.625	0.00012	0.01756	0.00007	0.01444
18	45.208	0.00010	0.01227	0.00007	0.01392
19	50.208	-0.00017	-0.07853	0.00002	0.00407
20	54.941	-0.00134	-0.35884	-0.00016	-0.02908
21	59.674	-0.00484	-0.93571	-0.00061	-0.09978
22	64.674	-0.01108	-1.73231	-0.00131	-0.19904
23	65.257	-0.01196	-1.82959	-0.00141	-0.21122
24	65.840	-0.01286	-1.92587	-0.00150	-0.22317
25	70.840	-0.02186	-2.48226	-0.00190	-0.27497
26	73.174	-0.02502	-2.31653	-0.00159	-0.23603
27	75.507	-0.02241	-1.52196	-0.00061	-0.11698
28	80.507	0.00515	1.30746	0.00302	0.26251
29	81.090	0.01224	1.69041	0.00360	0.31160
30	81.674	0.00839	1.49232	0.00414	0.36088
31	84.507	-0.00415	0.53024	0.00613	0.60028
32	87.340	-0.01411	-0.43178	0.00799	0.83966

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 24
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 6 section left appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00007	-0.01162	0.00013	0.02187
2	5.208	-0.00007	-0.01183	0.00013	0.02215
3	7.708	-0.00007	-0.01193	0.00013	0.02230
4	10.208	-0.00007	-0.01203	0.00013	0.02246
5	10.792	-0.00007	-0.01206	0.00013	0.02250
6	11.375	-0.00007	-0.01208	0.00013	0.02254
7	16.375	-0.00007	-0.01232	0.00013	0.02259
8	19.250	-0.00007	-0.01250	0.00013	0.02243
9	22.125	-0.00007	-0.01271	0.00013	0.02231
10	27.125	-0.00008	-0.01308	0.00013	0.02254
11	27.708	-0.00008	-0.01312	0.00013	0.02260
12	28.292	-0.00008	-0.01316	0.00013	0.02266
13	33.292	-0.00009	-0.01369	0.00013	0.02318
14	36.167	-0.00010	-0.01425	0.00013	0.02358
15	39.042	-0.00010	-0.01511	0.00014	0.02424
16	44.042	-0.00009	-0.01688	0.00014	0.02583
17	44.625	-0.00009	-0.01709	0.00014	0.02603
18	45.208	-0.00009	-0.01731	0.00014	0.02624
19	50.208	0.00000	-0.02003	0.00015	0.02843
20	54.941	0.00021	-0.02201	0.00017	0.03132
21	59.674	0.00032	-0.01685	0.00019	0.03424
22	64.674	-0.00003	-0.00257	0.00023	0.03648
23	65.257	-0.00011	-0.00057	0.00024	0.03669
24	65.840	-0.00022	0.00145	0.00025	0.03690
25	70.840	-0.00247	0.01944	0.00060	0.03808
26	73.174	-0.00438	0.02843	0.00097	0.03829
27	75.507	-0.00561	0.03792	0.00138	0.03843
28	80.507	-0.00109	0.05870	0.00191	0.03927
29	81.090	0.00153	0.06117	0.00179	0.03942
30	81.674	-0.00679	-0.51980	0.00164	0.03958
31	84.507	-0.03719	-3.34156	0.00125	0.04034
32	87.340	-0.06313	-6.16309	0.00107	0.04112

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 25
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 6 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00006	-0.00938	0.00010	0.01758
2	5.208	-0.00006	-0.00955	0.00010	0.01781
3	7.708	-0.00006	-0.00963	0.00010	0.01793
4	10.208	-0.00006	-0.00971	0.00010	0.01806
5	10.792	-0.00006	-0.00973	0.00010	0.01809
6	11.375	-0.00006	-0.00975	0.00010	0.01812
7	16.375	-0.00006	-0.00994	0.00010	0.01815
8	19.250	-0.00006	-0.01009	0.00010	0.01802
9	22.125	-0.00006	-0.01026	0.00010	0.01792
10	27.125	-0.00006	-0.01055	0.00010	0.01810
11	27.708	-0.00006	-0.01058	0.00010	0.01815
12	28.292	-0.00006	-0.01062	0.00010	0.01820
13	33.292	-0.00007	-0.01104	0.00010	0.01862
14	36.167	-0.00008	-0.01150	0.00011	0.01894
15	39.042	-0.00008	-0.01219	0.00011	0.01948
16	44.042	-0.00008	-0.01362	0.00011	0.02076
17	44.625	-0.00007	-0.01379	0.00011	0.02092
18	45.208	-0.00007	-0.01396	0.00011	0.02109
19	50.208	-0.00001	-0.01616	0.00012	0.02286
20	54.941	0.00016	-0.01777	0.00013	0.02518
21	59.674	0.00024	-0.01364	0.00015	0.02753
22	64.674	-0.00002	-0.00217	0.00018	0.02933
23	65.257	-0.00009	-0.00056	0.00019	0.02950
24	65.840	-0.00017	0.00106	0.00020	0.02967
25	70.840	-0.00185	0.01553	0.00048	0.03063
26	73.174	-0.00325	0.02276	0.00076	0.03080
27	75.507	-0.00410	0.03040	0.00106	0.03092
28	80.507	-0.00075	0.04711	0.00135	0.03160
29	81.090	0.00086	0.04909	0.00125	0.03172
30	81.674	0.00314	0.05108	0.00114	0.03185
31	84.507	-0.03069	-2.77308	0.00090	0.03247
32	87.340	-0.05798	-5.59692	0.00078	0.03310

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 26
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 6 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00001	-0.00231	0.00002	0.00393
2	5.208	-0.00001	-0.00235	0.00002	0.00398
3	7.708	-0.00001	-0.00237	0.00002	0.00401
4	10.208	-0.00001	-0.00239	0.00002	0.00404
5	10.792	-0.00001	-0.00239	0.00002	0.00404
6	11.375	-0.00001	-0.00240	0.00002	0.00405
7	16.375	-0.00001	-0.00244	0.00002	0.00406
8	19.250	-0.00001	-0.00248	0.00002	0.00402
9	22.125	-0.00001	-0.00252	0.00002	0.00399
10	27.125	-0.00002	-0.00259	0.00002	0.00403
11	27.708	-0.00002	-0.00260	0.00002	0.00404
12	28.292	-0.00002	-0.00261	0.00002	0.00405
13	33.292	-0.00002	-0.00271	0.00002	0.00415
14	36.167	-0.00002	-0.00282	0.00002	0.00422
15	39.042	-0.00002	-0.00299	0.00002	0.00434
16	44.042	-0.00002	-0.00334	0.00003	0.00463
17	44.625	-0.00002	-0.00338	0.00003	0.00467
18	45.208	-0.00002	-0.00342	0.00003	0.00471
19	50.208	0.00000	-0.00396	0.00003	0.00511
20	54.941	0.00003	-0.00437	0.00003	0.00563
21	59.674	0.00004	-0.00340	0.00003	0.00615
22	64.674	-0.00001	-0.00066	0.00004	0.00656
23	65.257	-0.00002	-0.00027	0.00004	0.00660
24	65.840	-0.00003	0.00012	0.00004	0.00663
25	70.840	-0.00035	0.00359	0.00010	0.00686
26	73.174	-0.00060	0.00534	0.00016	0.00690
27	75.507	-0.00073	0.00718	0.00022	0.00693
28	80.507	-0.00012	0.01120	0.00021	0.00709
29	81.090	0.00008	0.01167	0.00019	0.00712
30	81.674	0.00031	0.01214	0.00016	0.00715
31	84.507	0.00398	0.01449	0.00013	0.00730
32	87.340	-0.03415	-2.81681	0.00012	0.00744

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 27
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 7 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00608	0.89976	-0.01065	-1.44269
2	5.208	0.00513	0.76614	-0.00704	-0.95167
3	7.708	0.00461	0.70183	-0.00510	-0.71580
4	10.208	0.00402	0.63742	-0.00296	-0.47982
5	10.792	0.00387	0.62237	-0.00241	-0.42473
6	11.375	0.00372	0.60667	-0.00187	-0.36992
7	16.375	0.00207	0.37294	0.00141	0.05034
8	19.250	0.00083	0.16314	0.00217	0.21009
9	22.125	-0.00030	-0.03625	0.00209	0.26544
10	27.125	-0.00141	-0.22617	0.00155	0.24697
11	27.708	-0.00147	-0.23583	0.00150	0.24139
12	28.292	-0.00153	-0.24480	0.00144	0.23579
13	33.292	-0.00200	-0.31933	0.00117	0.20499
14	36.167	-0.00216	-0.34612	0.00115	0.19990
15	39.042	-0.00209	-0.33783	0.00115	0.19191
16	44.042	-0.00163	-0.26482	0.00093	0.14877
17	44.625	-0.00156	-0.25345	0.00089	0.14145
18	45.208	-0.00149	-0.24198	0.00084	0.13402
19	50.208	-0.00091	-0.14916	0.00049	0.07518
20	54.941	-0.00051	-0.08425	0.00025	0.03695
21	59.674	-0.00032	-0.05397	0.00014	0.02159
22	64.674	-0.00026	-0.04374	0.00011	0.01733
23	65.257	-0.00026	-0.04305	0.00010	0.01704
24	65.840	-0.00025	-0.04239	0.00010	0.01676
25	70.840	-0.00023	-0.03790	0.00009	0.01491
26	73.174	-0.00022	-0.03672	0.00009	0.01443
27	75.507	-0.00022	-0.03615	0.00009	0.01416
28	80.507	-0.00021	-0.03492	0.00008	0.01346
29	81.090	-0.00021	-0.03472	0.00008	0.01334
30	81.674	-0.00021	-0.03452	0.00008	0.01323
31	84.507	-0.00020	-0.03353	0.00008	0.01265
32	87.340	-0.00019	-0.03254	0.00007	0.01208

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 28
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 7 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00515	0.79322	-0.00976	-1.35524
2	5.208	0.00433	0.67324	-0.00623	-0.87649
3	7.708	0.00392	0.61550	-0.00435	-0.64649
4	10.208	0.00347	0.55767	-0.00228	-0.41636
5	10.792	0.00336	0.54416	-0.00176	-0.36264
6	11.375	0.00325	0.53009	-0.00125	-0.30920
7	16.375	0.00189	0.32350	0.00183	0.09744
8	19.250	0.00078	0.13979	0.00248	0.24813
9	22.125	-0.00024	-0.03380	0.00231	0.29494
10	27.125	-0.00123	-0.19782	0.00166	0.26498
11	27.708	-0.00128	-0.20603	0.00160	0.25831
12	28.292	-0.00133	-0.21364	0.00153	0.25165
13	33.292	-0.00174	-0.27721	0.00120	0.21362
14	36.167	-0.00187	-0.30032	0.00119	0.20615
15	39.042	-0.00182	-0.29338	0.00119	0.19651
16	44.042	-0.00142	-0.23054	0.00095	0.14918
17	44.625	-0.00135	-0.22072	0.00090	0.14121
18	45.208	-0.00129	-0.21080	0.00086	0.13314
19	50.208	-0.00079	-0.13056	0.00047	0.06945
20	54.941	-0.00045	-0.07430	0.00020	0.02880
21	59.674	-0.00029	-0.04794	0.00009	0.01319
22	64.674	-0.00023	-0.03897	0.00006	0.00925
23	65.257	-0.00023	-0.03836	0.00006	0.00899
24	65.840	-0.00023	-0.03778	0.00006	0.00874
25	70.840	-0.00020	-0.03383	0.00004	0.00714
26	73.174	-0.00020	-0.03279	0.00004	0.00677
27	75.507	-0.00019	-0.03229	0.00004	0.00659
28	80.507	-0.00019	-0.03121	0.00004	0.00601
29	81.090	-0.00018	-0.03103	0.00004	0.00590
30	81.674	-0.00018	-0.03085	0.00004	0.00579
31	84.507	-0.00018	-0.02998	0.00003	0.00527
32	87.340	-0.00017	-0.02912	0.00003	0.00474

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 29
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 7 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00035	0.04926	-0.00516	-0.79197
2	5.208	0.00019	0.02578	-0.00234	-0.39692
3	7.708	0.00010	0.01450	-0.00090	-0.20694
4	10.208	0.00002	0.00322	0.00062	-0.01675
5	10.792	0.00000	0.00059	0.00099	0.02766
6	11.375	-0.00002	-0.00202	0.00136	0.07170
7	16.375	-0.00015	-0.02080	0.00349	0.38282
8	19.250	-0.00018	-0.02545	0.00374	0.46806
9	22.125	-0.00016	-0.02206	0.00324	0.45264
10	27.125	-0.00005	-0.00710	0.00202	0.34062
11	27.708	-0.00003	-0.00506	0.00188	0.32637
12	28.292	-0.00002	-0.00304	0.00175	0.31232
13	33.292	0.00008	0.01054	0.00109	0.22234
14	36.167	0.00010	0.01364	0.00108	0.19637
15	39.042	0.00008	0.01246	0.00115	0.17391
16	44.042	0.00005	0.00812	0.00082	0.09846
17	44.625	0.00005	0.00767	0.00074	0.08636
18	45.208	0.00004	0.00723	0.00066	0.07415
19	50.208	0.00002	0.00360	0.00004	-0.01937
20	54.941	0.00000	0.00091	-0.00034	-0.07166
21	59.674	0.00000	-0.00045	-0.00047	-0.08432
22	64.674	-0.00001	-0.00090	-0.00049	-0.08326
23	65.257	-0.00001	-0.00092	-0.00049	-0.08310
24	65.840	-0.00001	-0.00095	-0.00049	-0.08295
25	70.840	-0.00001	-0.00110	-0.00048	-0.08123
26	73.174	-0.00001	-0.00112	-0.00048	-0.08027
27	75.507	-0.00001	-0.00111	-0.00047	-0.07943
28	80.507	-0.00001	-0.00109	-0.00046	-0.07842
29	81.090	-0.00001	-0.00109	-0.00046	-0.07837
30	81.674	-0.00001	-0.00108	-0.00046	-0.07832
31	84.507	-0.00001	-0.00108	-0.00046	-0.07809
32	87.340	-0.00001	-0.00108	-0.00046	-0.07786

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 30
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 8 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00123	0.21649	-0.00298	-0.54445
2	5.208	0.00198	0.33606	-0.00186	-0.37061
3	7.708	0.00235	0.39366	-0.00131	-0.28666
4	10.208	0.00273	0.45138	-0.00075	-0.20241
5	10.792	0.00282	0.46486	-0.00062	-0.18270
6	11.375	0.00290	0.47821	-0.00049	-0.16324
7	16.375	0.00355	0.56766	-0.00011	-0.03393
8	19.250	0.00373	0.58119	-0.00044	0.01344
9	22.125	0.00358	0.55031	-0.00066	0.06728
10	27.125	0.00281	0.45302	0.00032	0.22349
11	27.708	0.00269	0.44063	0.00056	0.24661
12	28.292	0.00256	0.42755	0.00081	0.27012
13	33.292	0.00107	0.21447	0.00288	0.48252
14	36.167	-0.00010	0.01457	0.00386	0.57566
15	39.042	-0.00119	-0.17635	0.00413	0.57584
16	44.042	-0.00223	-0.35183	0.00304	0.39741
17	44.625	-0.00228	-0.35975	0.00282	0.36706
18	45.208	-0.00233	-0.36690	0.00259	0.33635
19	50.208	-0.00263	-0.41533	0.00086	0.09454
20	54.941	-0.00263	-0.42504	-0.00022	-0.05772
21	59.674	-0.00245	-0.40624	-0.00063	-0.11305
22	64.674	-0.00230	-0.38672	-0.00072	-0.12378
23	65.257	-0.00228	-0.38499	-0.00073	-0.12431
24	65.840	-0.00227	-0.38330	-0.00073	-0.12481
25	70.840	-0.00218	-0.36933	-0.00075	-0.12690
26	73.174	-0.00214	-0.36357	-0.00075	-0.12641
27	75.507	-0.00212	-0.35889	-0.00074	-0.12528
28	80.507	-0.00207	-0.35064	-0.00073	-0.12390
29	81.090	-0.00207	-0.34975	-0.00073	-0.12390
30	81.674	-0.00206	-0.34887	-0.00073	-0.12392
31	84.507	-0.00204	-0.34458	-0.00073	-0.12400
32	87.340	-0.00201	-0.34030	-0.00073	-0.12408

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 31
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 8 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00109	0.18923	-0.00259	-0.47627
2	5.208	0.00174	0.29361	-0.00151	-0.30845
3	7.708	0.00206	0.34389	-0.00099	-0.22741
4	10.208	0.00238	0.39428	-0.00045	-0.14607
5	10.792	0.00245	0.40605	-0.00032	-0.12705
6	11.375	0.00253	0.41770	-0.00020	-0.10826
7	16.375	0.00306	0.49600	0.00021	0.01592
8	19.250	0.00318	0.50787	-0.00005	0.06062
9	22.125	0.00303	0.48047	-0.00020	0.11112
10	27.125	0.00242	0.39361	0.00077	0.25941
11	27.708	0.00233	0.38250	0.00099	0.28146
12	28.292	0.00223	0.37078	0.00123	0.30388
13	33.292	0.00100	0.18269	0.00316	0.50436
14	36.167	-0.00005	0.00775	0.00405	0.58849
15	39.042	-0.00103	-0.15840	0.00424	0.57950
16	44.042	-0.00195	-0.30960	0.00303	0.38842
17	44.625	-0.00199	-0.31626	0.00280	0.35688
18	45.208	-0.00204	-0.32223	0.00255	0.32501
19	50.208	-0.00229	-0.36235	0.00073	0.07396
20	54.941	-0.00229	-0.36931	-0.00040	-0.08415
21	59.674	-0.00212	-0.35220	-0.00081	-0.14142
22	64.674	-0.00199	-0.33498	-0.00089	-0.15210
23	65.257	-0.00198	-0.33346	-0.00090	-0.15258
24	65.840	-0.00197	-0.33198	-0.00090	-0.15303
25	70.840	-0.00189	-0.31976	-0.00091	-0.15461
26	73.174	-0.00186	-0.31476	-0.00091	-0.15380
27	75.507	-0.00183	-0.31072	-0.00090	-0.15231
28	80.507	-0.00179	-0.30358	-0.00089	-0.15026
29	81.090	-0.00179	-0.30281	-0.00088	-0.15020
30	81.674	-0.00178	-0.30204	-0.00088	-0.15015
31	84.507	-0.00176	-0.29832	-0.00088	-0.14991
32	87.340	-0.00174	-0.29462	-0.00088	-0.14967

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 32
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 8 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00008	-0.01203	-0.00024	-0.06260
2	5.208	-0.00005	-0.00828	0.00056	0.06471
3	7.708	-0.00004	-0.00649	0.00094	0.12618
4	10.208	-0.00003	-0.00469	0.00134	0.18787
5	10.792	-0.00002	-0.00428	0.00143	0.20229
6	11.375	-0.00002	-0.00385	0.00152	0.21652
7	16.375	0.00001	0.00037	0.00193	0.30720
8	19.250	0.00003	0.00152	0.00190	0.33509
9	22.125	0.00001	-0.00164	0.00192	0.36422
10	27.125	-0.00009	-0.01551	0.00262	0.45989
11	27.708	-0.00011	-0.01758	0.00276	0.47476
12	28.292	-0.00012	-0.01966	0.00290	0.48983
13	33.292	-0.00024	-0.03511	0.00416	0.60965
14	36.167	-0.00026	-0.03898	0.00471	0.63270
15	39.042	-0.00024	-0.03515	0.00455	0.56132
16	44.042	-0.00011	-0.01820	0.00263	0.28421
17	44.625	-0.00010	-0.01582	0.00229	0.24460
18	45.208	-0.00008	-0.01343	0.00195	0.20479
19	50.208	0.00005	0.00571	-0.00052	-0.10872
20	54.941	0.00013	0.01841	-0.00188	-0.30520
21	59.674	0.00015	0.02348	-0.00226	-0.37368
22	64.674	0.00015	0.02446	-0.00227	-0.38235
23	65.257	0.00015	0.02449	-0.00227	-0.38239
24	65.840	0.00015	0.02451	-0.00227	-0.38238
25	70.840	0.00014	0.02444	-0.00223	-0.37912
26	73.174	0.00014	0.02423	-0.00221	-0.37554
27	75.507	0.00014	0.02392	-0.00219	-0.37117
28	80.507	0.00014	0.02337	-0.00215	-0.36366
29	81.090	0.00014	0.02332	-0.00214	-0.36304
30	81.674	0.00014	0.02328	-0.00214	-0.36243
31	84.507	0.00014	0.02305	-0.00212	-0.35949
32	87.340	0.00014	0.02283	-0.00211	-0.35656

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 33
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 9 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00071	0.11977	-0.00148	-0.25186
2	5.208	0.00073	0.12290	-0.00151	-0.25677
3	7.708	0.00073	0.12441	-0.00153	-0.25913
4	10.208	0.00074	0.12592	-0.00154	-0.26150
5	10.792	0.00075	0.12628	-0.00155	-0.26206
6	11.375	0.00075	0.12663	-0.00155	-0.26261
7	16.375	0.00077	0.12964	-0.00158	-0.26796
8	19.250	0.00078	0.13153	-0.00161	-0.27198
9	22.125	0.00079	0.13384	-0.00164	-0.27717
10	27.125	0.00082	0.13860	-0.00170	-0.28748
11	27.708	0.00082	0.13920	-0.00171	-0.28873
12	28.292	0.00083	0.13981	-0.00171	-0.29000
13	33.292	0.00086	0.14692	-0.00179	-0.30570
14	36.167	0.00089	0.15267	-0.00184	-0.31785
15	39.042	0.00093	0.15879	-0.00191	-0.32820
16	44.042	0.00100	0.16730	-0.00202	-0.33616
17	44.625	0.00101	0.16808	-0.00203	-0.33634
18	45.208	0.00102	0.16886	-0.00204	-0.33642
19	50.208	0.00117	0.17534	-0.00223	-0.32425
20	54.941	0.00137	0.17165	-0.00225	-0.23943
21	59.674	0.00134	0.14049	-0.00113	-0.01748
22	64.674	0.00077	0.08162	0.00177	0.32101
23	65.257	0.00067	0.07388	0.00223	0.36345
24	65.840	0.00055	0.06530	0.00269	0.40586
25	70.840	-0.00089	-0.12973	0.00539	0.73494
26	73.174	-0.00185	-0.28451	0.00589	0.83578
27	75.507	-0.00275	-0.43325	0.00576	0.85996
28	80.507	-0.00374	-0.59571	0.00484	0.77624
29	81.090	-0.00377	-0.59967	0.00471	0.76020
30	81.674	-0.00380	-0.60279	0.00458	0.74389
31	84.507	-0.00392	-0.61794	0.00399	0.66467
32	87.340	-0.00403	-0.63311	0.00341	0.58551

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 34
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 9 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00062	0.10511	-0.00134	-0.22768
2	5.208	0.00064	0.10786	-0.00137	-0.23201
3	7.708	0.00064	0.10918	-0.00138	-0.23410
4	10.208	0.00065	0.11050	-0.00139	-0.23619
5	10.792	0.00065	0.11081	-0.00140	-0.23668
6	11.375	0.00066	0.11112	-0.00140	-0.23717
7	16.375	0.00067	0.11376	-0.00143	-0.24197
8	19.250	0.00068	0.11542	-0.00146	-0.24564
9	22.125	0.00070	0.11746	-0.00148	-0.25039
10	27.125	0.00072	0.12164	-0.00154	-0.25976
11	27.708	0.00072	0.12216	-0.00154	-0.26088
12	28.292	0.00073	0.12269	-0.00155	-0.26204
13	33.292	0.00076	0.12892	-0.00162	-0.27629
14	36.167	0.00078	0.13398	-0.00167	-0.28729
15	39.042	0.00082	0.13938	-0.00173	-0.29649
16	44.042	0.00088	0.14694	-0.00182	-0.30303
17	44.625	0.00089	0.14764	-0.00183	-0.30309
18	45.208	0.00090	0.14834	-0.00184	-0.30306
19	50.208	0.00099	0.15421	-0.00197	-0.29031
20	54.941	0.00111	0.15093	-0.00188	-0.20800
21	59.674	0.00103	0.12244	-0.00071	0.00495
22	64.674	0.00061	0.06837	0.00209	0.32853
23	65.257	0.00054	0.06126	0.00252	0.36907
24	65.840	0.00046	0.05341	0.00295	0.40957
25	70.840	-0.00072	-0.11831	0.00546	0.72141
26	73.174	-0.00156	-0.25288	0.00589	0.81364
27	75.507	-0.00236	-0.38130	0.00569	0.82896
28	80.507	-0.00325	-0.51989	0.00461	0.72668
29	81.090	-0.00328	-0.52304	0.00446	0.70855
30	81.674	-0.00330	-0.52546	0.00431	0.69013
31	84.507	-0.00340	-0.53719	0.00362	0.60073
32	87.340	-0.00350	-0.54895	0.00295	0.51138

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 35
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 9 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00007	0.01197	-0.00059	-0.10063
2	5.208	0.00007	0.01217	-0.00060	-0.10197
3	7.708	0.00007	0.01227	-0.00060	-0.10262
4	10.208	0.00007	0.01237	-0.00061	-0.10326
5	10.792	0.00007	0.01239	-0.00061	-0.10341
6	11.375	0.00007	0.01241	-0.00061	-0.10357
7	16.375	0.00007	0.01265	-0.00062	-0.10541
8	19.250	0.00008	0.01285	-0.00063	-0.10713
9	22.125	0.00008	0.01311	-0.00065	-0.10943
10	27.125	0.00008	0.01360	-0.00067	-0.11374
11	27.708	0.00008	0.01366	-0.00067	-0.11424
12	28.292	0.00008	0.01372	-0.00068	-0.11475
13	33.292	0.00008	0.01449	-0.00071	-0.12135
14	36.167	0.00009	0.01508	-0.00074	-0.12627
15	39.042	0.00009	0.01553	-0.00076	-0.12948
16	44.042	0.00009	0.01576	-0.00077	-0.12885
17	44.625	0.00009	0.01574	-0.00077	-0.12835
18	45.208	0.00009	0.01572	-0.00077	-0.12778
19	50.208	0.00010	0.01471	-0.00075	-0.11292
20	54.941	0.00008	0.00927	-0.00045	-0.04787
21	59.674	0.00000	-0.00434	0.00057	0.10649
22	64.674	-0.00014	-0.02480	0.00247	0.33387
23	65.257	-0.00016	-0.02735	0.00274	0.36214
24	65.840	-0.00018	-0.02990	0.00300	0.39027
25	70.840	-0.00032	-0.04783	0.00468	0.58866
26	73.174	-0.00034	-0.05090	0.00496	0.62315
27	75.507	-0.00031	-0.04681	0.00462	0.57918
28	80.507	-0.00016	-0.02617	0.00278	0.35508
29	81.090	-0.00014	-0.02326	0.00249	0.32341
30	81.674	-0.00012	-0.02032	0.00220	0.29150
31	84.507	-0.00001	-0.00606	0.00086	0.13652
32	87.340	0.00009	0.00820	-0.00040	-0.01843

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 36
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 10 section top appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.08327	-10.94928	-0.01230	-0.86862
2	5.208	-0.05540	-7.12731	-0.01301	-0.75595
3	7.708	-0.04052	-5.29159	-0.01405	-0.70208
4	10.208	-0.02344	-3.45512	-0.01548	-0.64828
5	10.792	-0.01869	-3.02645	-0.01555	-0.63572
6	11.375	-0.01393	-2.60057	-0.01531	-0.62302
7	16.375	0.01133	0.55527	-0.00934	-0.49352
8	19.250	0.01646	1.64206	-0.00618	-0.40496
9	22.125	0.01504	1.90787	-0.00360	-0.32158
10	27.125	0.01014	1.61391	-0.00143	-0.21384
11	27.708	0.00967	1.56485	-0.00130	-0.20410
12	28.292	0.00923	1.51629	-0.00118	-0.19463
13	33.292	0.00684	1.22857	-0.00056	-0.13317
14	36.167	0.00657	1.17112	-0.00050	-0.11722
15	39.042	0.00657	1.12553	-0.00056	-0.11022
16	44.042	0.00544	0.88674	-0.00052	-0.08624
17	44.625	0.00520	0.84472	-0.00050	-0.08191
18	45.208	0.00495	0.80207	-0.00048	-0.07751
19	50.208	0.00297	0.46414	-0.00030	-0.04305
20	54.941	0.00160	0.24448	-0.00016	-0.02159
21	59.674	0.00099	0.15582	-0.00010	-0.01378
22	64.674	0.00080	0.13069	-0.00007	-0.01191
23	65.257	0.00079	0.12896	-0.00007	-0.01178
24	65.840	0.00077	0.12728	-0.00007	-0.01165
25	70.840	0.00069	0.11592	-0.00006	-0.01079
26	73.174	0.00067	0.11283	-0.00006	-0.01055
27	75.507	0.00066	0.11097	-0.00006	-0.01038
28	80.507	0.00064	0.10621	-0.00006	-0.00988
29	81.090	0.00063	0.10546	-0.00006	-0.00980
30	81.674	0.00063	0.10469	-0.00006	-0.00972
31	84.507	0.00061	0.10098	-0.00006	-0.00934
32	87.340	0.00059	0.09728	-0.00005	-0.00896

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 37
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 10 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.07271	-9.69694	-0.01105	-0.78922
2	5.208	-0.04797	-6.29137	-0.01157	-0.68688
3	7.708	-0.03483	-4.65566	-0.01233	-0.63794
4	10.208	-0.02013	-3.01931	-0.01334	-0.58907
5	10.792	-0.01628	-2.63735	-0.01338	-0.57766
6	11.375	-0.01243	-2.25798	-0.01317	-0.56612
7	16.375	0.00966	0.53973	-0.00825	-0.44719
8	19.250	0.01433	1.48822	-0.00549	-0.36496
9	22.125	0.01318	1.70308	-0.00320	-0.28738
10	27.125	0.00889	1.41803	-0.00126	-0.18795
11	27.708	0.00847	1.37300	-0.00114	-0.17906
12	28.292	0.00808	1.32851	-0.00103	-0.17043
13	33.292	0.00592	1.06256	-0.00047	-0.11399
14	36.167	0.00566	1.00826	-0.00041	-0.09908
15	39.042	0.00566	0.96864	-0.00047	-0.09273
16	44.042	0.00468	0.76359	-0.00044	-0.07218
17	44.625	0.00447	0.72731	-0.00042	-0.06846
18	45.208	0.00426	0.69047	-0.00040	-0.06469
19	50.208	0.00255	0.39880	-0.00025	-0.03517
20	54.941	0.00138	0.20960	-0.00013	-0.01689
21	59.674	0.00085	0.13360	-0.00007	-0.01035
22	64.674	0.00069	0.11218	-0.00006	-0.00883
23	65.257	0.00068	0.11070	-0.00005	-0.00872
24	65.840	0.00066	0.10928	-0.00005	-0.00861
25	70.840	0.00060	0.09958	-0.00005	-0.00793
26	73.174	0.00058	0.09694	-0.00005	-0.00775
27	75.507	0.00057	0.09535	-0.00004	-0.00762
28	80.507	0.00055	0.09123	-0.00004	-0.00723
29	81.090	0.00054	0.09057	-0.00004	-0.00716
30	81.674	0.00054	0.08991	-0.00004	-0.00710
31	84.507	0.00052	0.08670	-0.00004	-0.00678
32	87.340	0.00050	0.08350	-0.00004	-0.00646

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 38
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 10 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.03835	-5.28807	-0.00644	-0.50422
2	5.208	-0.02452	-3.34938	-0.00648	-0.43840
3	7.708	-0.01736	-2.41826	-0.00658	-0.40688
4	10.208	-0.00968	-1.48685	-0.00666	-0.37542
5	10.792	-0.00780	-1.26947	-0.00661	-0.36808
6	11.375	-0.00593	-1.05389	-0.00650	-0.36062
7	16.375	0.00568	0.48311	-0.00442	-0.27896
8	19.250	0.00809	0.94560	-0.00299	-0.21905
9	22.125	0.00726	0.98221	-0.00173	-0.16190
10	27.125	0.00454	0.72975	-0.00062	-0.09184
11	27.708	0.00429	0.69901	-0.00055	-0.08597
12	28.292	0.00405	0.66888	-0.00048	-0.08028
13	33.292	0.00262	0.47966	-0.00013	-0.04175
14	36.167	0.00239	0.43612	-0.00009	-0.03072
15	39.042	0.00240	0.41704	-0.00012	-0.02693
16	44.042	0.00202	0.33012	-0.00013	-0.01881
17	44.625	0.00193	0.31399	-0.00012	-0.01730
18	45.208	0.00183	0.29758	-0.00012	-0.01576
19	50.208	0.00109	0.16844	-0.00005	-0.00405
20	54.941	0.00058	0.08651	0.00000	0.00239
21	59.674	0.00036	0.05522	0.00002	0.00390
22	64.674	0.00029	0.04705	0.00002	0.00384
23	65.257	0.00028	0.04648	0.00002	0.00384
24	65.840	0.00028	0.04592	0.00002	0.00383
25	70.840	0.00025	0.04216	0.00002	0.00374
26	73.174	0.00025	0.04112	0.00002	0.00368
27	75.507	0.00024	0.04044	0.00002	0.00363
28	80.507	0.00023	0.03856	0.00002	0.00366
29	81.090	0.00023	0.03827	0.00002	0.00367
30	81.674	0.00023	0.03797	0.00002	0.00369
31	84.507	0.00022	0.03653	0.00002	0.00375
32	87.340	0.00021	0.03508	0.00002	0.00382

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 39
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 11 section top appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01073	-2.04904	0.00011	-0.10082
2	5.208	-0.01682	-2.93187	-0.00059	-0.17202
3	7.708	-0.01987	-3.35577	-0.00099	-0.20591
4	10.208	-0.02303	-3.77977	-0.00146	-0.23963
5	10.792	-0.02379	-3.87872	-0.00158	-0.24748
6	11.375	-0.02456	-3.97649	-0.00171	-0.25554
7	16.375	-0.03121	-4.56624	-0.00400	-0.35849
8	19.250	-0.03312	-4.39312	-0.00667	-0.43904
9	22.125	-0.02886	-3.44793	-0.00974	-0.50607
10	27.125	-0.00691	-0.79315	-0.01507	-0.55251
11	27.708	-0.00262	-0.44416	-0.01522	-0.55280
12	28.292	0.00166	-0.09524	-0.01507	-0.55255
13	33.292	0.02359	2.55725	-0.00973	-0.50613
14	36.167	0.02781	3.49975	-0.00666	-0.43870
15	39.042	0.02588	3.67101	-0.00399	-0.35736
16	44.042	0.01927	3.08241	-0.00170	-0.25266
17	44.625	0.01852	2.98506	-0.00157	-0.24438
18	45.208	0.01777	2.88664	-0.00145	-0.23630
19	50.208	0.01195	2.05911	-0.00069	-0.16498
20	54.941	0.00793	1.40364	-0.00034	-0.10087
21	59.674	0.00595	1.03105	-0.00026	-0.05928
22	64.674	0.00517	0.87686	-0.00023	-0.04132
23	65.257	0.00512	0.86621	-0.00023	-0.04016
24	65.840	0.00506	0.85599	-0.00022	-0.03906
25	70.840	0.00467	0.78399	-0.00020	-0.03164
26	73.174	0.00454	0.76325	-0.00019	-0.02982
27	75.507	0.00447	0.75239	-0.00018	-0.02931
28	80.507	0.00435	0.73366	-0.00017	-0.02896
29	81.090	0.00433	0.73098	-0.00017	-0.02887
30	81.674	0.00431	0.72827	-0.00017	-0.02878
31	84.507	0.00423	0.71513	-0.00016	-0.02832
32	87.340	0.00414	0.70201	-0.00016	-0.02786

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 40
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 11 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00897	-1.71803	0.00016	-0.08076
2	5.208	-0.01436	-2.50439	-0.00049	-0.14753
3	7.708	-0.01706	-2.88198	-0.00086	-0.17933
4	10.208	-0.01985	-3.25964	-0.00129	-0.21097
5	10.792	-0.02052	-3.34778	-0.00140	-0.21834
6	11.375	-0.02119	-3.43496	-0.00152	-0.22591
7	16.375	-0.02698	-3.97504	-0.00359	-0.32207
8	19.250	-0.02854	-3.84151	-0.00598	-0.39707
9	22.125	-0.02465	-3.02259	-0.00868	-0.45941
10	27.125	-0.00559	-0.68244	-0.01301	-0.50260
11	27.708	-0.00220	-0.37303	-0.01313	-0.50289
12	28.292	0.00119	-0.06368	-0.01301	-0.50266
13	33.292	0.02022	2.27464	-0.00867	-0.45970
14	36.167	0.02408	3.09157	-0.00597	-0.39717
15	39.042	0.02251	3.22415	-0.00358	-0.32168
16	44.042	0.01677	2.68652	-0.00151	-0.22444
17	44.625	0.01610	2.59989	-0.00140	-0.21674
18	45.208	0.01545	2.51239	-0.00129	-0.20923
19	50.208	0.01032	1.77765	-0.00059	-0.14329
20	54.941	0.00677	1.19794	-0.00027	-0.08484
21	59.674	0.00502	0.87043	-0.00019	-0.04751
22	64.674	0.00434	0.73595	-0.00017	-0.03162
23	65.257	0.00429	0.72669	-0.00017	-0.03060
24	65.840	0.00424	0.71782	-0.00017	-0.02964
25	70.840	0.00390	0.65555	-0.00015	-0.02318
26	73.174	0.00380	0.63780	-0.00014	-0.02165
27	75.507	0.00374	0.62869	-0.00013	-0.02129
28	80.507	0.00363	0.61301	-0.00012	-0.02111
29	81.090	0.00362	0.61074	-0.00012	-0.02104
30	81.674	0.00360	0.60844	-0.00012	-0.02097
31	84.507	0.00353	0.59727	-0.00012	-0.02061
32	87.340	0.00346	0.58613	-0.00011	-0.02025

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 41
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 11 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00262	-0.55573	0.00035	-0.00612
2	5.208	-0.00564	-1.00214	-0.00010	-0.05737
3	7.708	-0.00714	-1.21649	-0.00035	-0.08185
4	10.208	-0.00868	-1.43087	-0.00064	-0.10624
5	10.792	-0.00905	-1.48091	-0.00071	-0.11192
6	11.375	-0.00942	-1.53075	-0.00079	-0.11776
7	16.375	-0.01272	-1.89524	-0.00207	-0.19021
8	19.250	-0.01371	-1.90042	-0.00346	-0.24583
9	22.125	-0.01180	-1.52561	-0.00492	-0.29176
10	27.125	-0.00227	-0.29332	-0.00662	-0.32363
11	27.708	-0.00073	-0.12329	-0.00665	-0.32389
12	28.292	0.00081	0.04670	-0.00662	-0.32376
13	33.292	0.01034	1.27885	-0.00492	-0.29293
14	36.167	0.01224	1.65418	-0.00346	-0.24754
15	39.042	0.01126	1.65125	-0.00208	-0.19254
16	44.042	0.00802	1.29379	-0.00082	-0.12143
17	44.625	0.00766	1.24492	-0.00074	-0.11577
18	45.208	0.00731	1.19593	-0.00067	-0.11026
19	50.208	0.00452	0.78808	-0.00021	-0.06325
20	54.941	0.00262	0.47518	0.00000	-0.02476
21	59.674	0.00173	0.30625	0.00004	-0.00248
22	64.674	0.00141	0.24108	0.00004	0.00605
23	65.257	0.00139	0.23676	0.00005	0.00656
24	65.840	0.00137	0.23263	0.00005	0.00704
25	70.840	0.00122	0.20451	0.00005	0.01005
26	73.174	0.00118	0.19725	0.00006	0.01058
27	75.507	0.00116	0.19426	0.00006	0.01046
28	80.507	0.00112	0.18927	0.00006	0.01000
29	81.090	0.00112	0.18842	0.00006	0.00999
30	81.674	0.00111	0.18756	0.00006	0.00998
31	84.507	0.00108	0.18335	0.00006	0.00993
32	87.340	0.00106	0.17915	0.00006	0.00988

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 42
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 12 section top appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01426	-2.36525	0.00116	0.21054
2	5.208	-0.01710	-2.84986	0.00098	0.17562
3	7.708	-0.01846	-3.08393	0.00089	0.15874
4	10.208	-0.01981	-3.31889	0.00081	0.14177
5	10.792	-0.02013	-3.37385	0.00079	0.13780
6	11.375	-0.02044	-3.42789	0.00078	0.13392
7	16.375	-0.02208	-3.75035	0.00077	0.11335
8	19.250	-0.02229	-3.82788	0.00085	0.10855
9	22.125	-0.02274	-3.91530	0.00081	0.09616
10	27.125	-0.02554	-4.27848	0.00023	0.04383
11	27.708	-0.02604	-4.33796	0.00011	0.03560
12	28.292	-0.02656	-4.39814	-0.00001	0.02713
13	33.292	-0.03204	-4.80750	-0.00216	-0.06629
14	36.167	-0.03407	-4.64926	-0.00472	-0.13792
15	39.042	-0.03003	-3.73107	-0.00782	-0.21301
16	44.042	-0.00731	-0.94589	-0.01362	-0.32115
17	44.625	-0.00284	-0.56599	-0.01386	-0.33165
18	45.208	0.00164	-0.18489	-0.01380	-0.34200
19	50.208	0.02637	2.82554	-0.00980	-0.42543
20	54.941	0.03530	4.72852	-0.00657	-0.48196
21	59.674	0.03448	5.39074	-0.00403	-0.50197
22	64.674	0.03262	5.44773	-0.00307	-0.49869
23	65.257	0.03248	5.44379	-0.00302	-0.49773
24	65.840	0.03235	5.43926	-0.00297	-0.49673
25	70.840	0.03142	5.36538	-0.00275	-0.48616
26	73.174	0.03107	5.30849	-0.00272	-0.47998
27	75.507	0.03077	5.24319	-0.00272	-0.47334
28	80.507	0.03024	5.12284	-0.00271	-0.46008
29	81.090	0.03018	5.11149	-0.00271	-0.45867
30	81.674	0.03013	5.10031	-0.00270	-0.45727
31	84.507	0.02986	5.04619	-0.00268	-0.45049
32	87.340	0.02959	4.99226	-0.00265	-0.44374

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 43
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 12 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01259	-2.08837	0.00107	0.19407
2	5.208	-0.01504	-2.50889	0.00091	0.16438
3	7.708	-0.01622	-2.71202	0.00084	0.15001
4	10.208	-0.01740	-2.91593	0.00077	0.13558
5	10.792	-0.01768	-2.96362	0.00076	0.13220
6	11.375	-0.01795	-3.01051	0.00074	0.12890
7	16.375	-0.01937	-3.28943	0.00074	0.11149
8	19.250	-0.01955	-3.35726	0.00082	0.10715
9	22.125	-0.01998	-3.43810	0.00078	0.09544
10	27.125	-0.02250	-3.77090	0.00025	0.04717
11	27.708	-0.02294	-3.82507	0.00015	0.03965
12	28.292	-0.02340	-3.87993	0.00004	0.03189
13	33.292	-0.02822	-4.26719	-0.00189	-0.05479
14	36.167	-0.02990	-4.14771	-0.00416	-0.12192
15	39.042	-0.02618	-3.34887	-0.00686	-0.19210
16	44.042	-0.00636	-0.88045	-0.01162	-0.29177
17	44.625	-0.00278	-0.54193	-0.01182	-0.30132
18	45.208	0.00080	-0.20226	-0.01179	-0.31072
19	50.208	0.02245	2.48126	-0.00868	-0.38636
20	54.941	0.03074	4.17833	-0.00589	-0.43731
21	59.674	0.03038	4.76981	-0.00364	-0.45507
22	64.674	0.02886	4.82169	-0.00278	-0.45193
23	65.257	0.02874	4.81828	-0.00273	-0.45106
24	65.840	0.02863	4.81436	-0.00269	-0.45015
25	70.840	0.02783	4.74942	-0.00249	-0.44058
26	73.174	0.02751	4.69912	-0.00246	-0.43503
27	75.507	0.02725	4.64130	-0.00247	-0.42907
28	80.507	0.02677	4.53477	-0.00246	-0.41716
29	81.090	0.02672	4.52475	-0.00245	-0.41589
30	81.674	0.02667	4.51486	-0.00245	-0.41463
31	84.507	0.02643	4.46703	-0.00243	-0.40852
32	87.340	0.02619	4.41938	-0.00241	-0.40245

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 44
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 12 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00673	-1.11715	0.00076	0.13746
2	5.208	-0.00786	-1.31273	0.00071	0.12626
3	7.708	-0.00840	-1.40728	0.00068	0.12083
4	10.208	-0.00895	-1.50222	0.00066	0.11537
5	10.792	-0.00907	-1.52444	0.00065	0.11409
6	11.375	-0.00920	-1.54624	0.00065	0.11284
7	16.375	-0.00982	-1.67265	0.00067	0.10672
8	19.250	-0.00991	-1.70686	0.00072	0.10414
9	22.125	-0.01023	-1.76486	0.00069	0.09497
10	27.125	-0.01185	-1.99083	0.00036	0.06122
11	27.708	-0.01212	-2.02627	0.00029	0.05619
12	28.292	-0.01240	-2.06243	0.00023	0.05098
13	33.292	-0.01539	-2.37105	-0.00088	-0.01170
14	36.167	-0.01651	-2.38703	-0.00212	-0.06277
15	39.042	-0.01462	-2.00746	-0.00352	-0.11544
16	44.042	-0.00428	-0.65340	-0.00547	-0.18496
17	44.625	-0.00257	-0.46052	-0.00557	-0.19113
18	45.208	-0.00086	-0.26664	-0.00560	-0.19715
19	50.208	0.01081	1.26742	-0.00475	-0.24510
20	54.941	0.01596	2.24356	-0.00341	-0.27584
21	59.674	0.01633	2.59044	-0.00220	-0.28519
22	64.674	0.01570	2.62666	-0.00173	-0.28232
23	65.257	0.01565	2.62529	-0.00171	-0.28173
24	65.840	0.01560	2.62360	-0.00168	-0.28112
25	70.840	0.01520	2.59104	-0.00157	-0.27494
26	73.174	0.01503	2.56413	-0.00155	-0.27149
27	75.507	0.01488	2.53260	-0.00155	-0.26787
28	80.507	0.01461	2.47450	-0.00154	-0.26068
29	81.090	0.01458	2.46908	-0.00153	-0.25991
30	81.674	0.01455	2.46375	-0.00153	-0.25915
31	84.507	0.01442	2.43792	-0.00152	-0.25545
32	87.340	0.01429	2.41219	-0.00150	-0.25176

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 45
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 13 section top appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01181	-2.00565	-0.00157	-0.26741
2	5.208	-0.01205	-2.04442	-0.00161	-0.27383
3	7.708	-0.01216	-2.06311	-0.00163	-0.27694
4	10.208	-0.01228	-2.08186	-0.00165	-0.28006
5	10.792	-0.01231	-2.08624	-0.00166	-0.28079
6	11.375	-0.01234	-2.09064	-0.00166	-0.28152
7	16.375	-0.01261	-2.13288	-0.00170	-0.28748
8	19.250	-0.01282	-2.16460	-0.00173	-0.29115
9	22.125	-0.01308	-2.20570	-0.00176	-0.29593
10	27.125	-0.01352	-2.28751	-0.00181	-0.30654
11	27.708	-0.01357	-2.29739	-0.00182	-0.30791
12	28.292	-0.01362	-2.30754	-0.00182	-0.30932
13	33.292	-0.01420	-2.43229	-0.00185	-0.32591
14	36.167	-0.01465	-2.52877	-0.00188	-0.33917
15	39.042	-0.01515	-2.61085	-0.00195	-0.35256
16	44.042	-0.01604	-2.67374	-0.00222	-0.36954
17	44.625	-0.01615	-2.67510	-0.00227	-0.37097
18	45.208	-0.01626	-2.67569	-0.00232	-0.37235
19	50.208	-0.01789	-2.57776	-0.00333	-0.38059
20	54.941	-0.01861	-1.89858	-0.00589	-0.36232
21	59.674	-0.01048	-0.12250	-0.00902	-0.29028
22	64.674	0.01232	2.58558	-0.01275	-0.17066
23	65.257	0.01654	2.92513	-0.01278	-0.15535
24	65.840	0.02074	3.26364	-0.01249	-0.13990
25	70.840	0.04161	5.76391	-0.00627	0.00566
26	73.174	0.04477	6.44577	-0.00357	0.08155
27	75.507	0.04309	6.52678	-0.00125	0.15942
28	80.507	0.03546	5.79107	0.00157	0.31537
29	81.090	0.03454	5.67137	0.00177	0.33228
30	81.674	0.03363	5.55033	0.00195	0.34913
31	84.507	0.02932	4.96271	0.00279	0.43097
32	87.340	0.02513	4.37548	0.00356	0.51286

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 46
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 13 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01048	-1.77952	-0.00142	-0.24079
2	5.208	-0.01069	-1.81384	-0.00145	-0.24658
3	7.708	-0.01079	-1.83039	-0.00147	-0.24938
4	10.208	-0.01089	-1.84698	-0.00149	-0.25218
5	10.792	-0.01092	-1.85086	-0.00149	-0.25284
6	11.375	-0.01094	-1.85476	-0.00149	-0.25350
7	16.375	-0.01119	-1.89221	-0.00153	-0.25886
8	19.250	-0.01137	-1.92039	-0.00156	-0.26214
9	22.125	-0.01160	-1.95690	-0.00159	-0.26640
10	27.125	-0.01200	-2.02951	-0.00163	-0.27589
11	27.708	-0.01204	-2.03828	-0.00163	-0.27712
12	28.292	-0.01209	-2.04728	-0.00164	-0.27838
13	33.292	-0.01260	-2.15801	-0.00167	-0.29318
14	36.167	-0.01301	-2.24366	-0.00169	-0.30501
15	39.042	-0.01346	-2.31651	-0.00175	-0.31696
16	44.042	-0.01422	-2.37225	-0.00200	-0.33215
17	44.625	-0.01432	-2.37344	-0.00204	-0.33343
18	45.208	-0.01442	-2.37395	-0.00209	-0.33467
19	50.208	-0.01573	-2.28667	-0.00298	-0.34209
20	54.941	-0.01601	-1.68133	-0.00526	-0.32573
21	59.674	-0.00843	-0.09714	-0.00796	-0.26094
22	64.674	0.01152	2.31931	-0.01082	-0.15320
23	65.257	0.01487	2.62231	-0.01082	-0.13941
24	65.840	0.01821	2.92430	-0.01058	-0.12547
25	70.840	0.03642	5.14009	-0.00546	0.00790
26	73.174	0.03932	5.73298	-0.00311	0.07848
27	75.507	0.03794	5.78884	-0.00105	0.15085
28	80.507	0.03126	5.11233	0.00146	0.29364
29	81.090	0.03044	5.00479	0.00164	0.30891
30	81.674	0.02964	4.89613	0.00181	0.32409
31	84.507	0.02581	4.36865	0.00256	0.39787
32	87.340	0.02208	3.84153	0.00325	0.47168

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 47
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 13 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00582	-0.98761	-0.00084	-0.14342
2	5.208	-0.00593	-1.00631	-0.00086	-0.14688
3	7.708	-0.00599	-1.01533	-0.00088	-0.14855
4	10.208	-0.00604	-1.02437	-0.00089	-0.15023
5	10.792	-0.00605	-1.02649	-0.00089	-0.15062
6	11.375	-0.00607	-1.02861	-0.00089	-0.15101
7	16.375	-0.00620	-1.04924	-0.00091	-0.15421
8	19.250	-0.00630	-1.06492	-0.00093	-0.15616
9	22.125	-0.00643	-1.08529	-0.00094	-0.15866
10	27.125	-0.00665	-1.12567	-0.00097	-0.16423
11	27.708	-0.00668	-1.13053	-0.00097	-0.16494
12	28.292	-0.00670	-1.13552	-0.00098	-0.16568
13	33.292	-0.00700	-1.19711	-0.00100	-0.17431
14	36.167	-0.00724	-1.24473	-0.00101	-0.18118
15	39.042	-0.00749	-1.28490	-0.00105	-0.18815
16	44.042	-0.00788	-1.31452	-0.00119	-0.19709
17	44.625	-0.00792	-1.31498	-0.00121	-0.19785
18	45.208	-0.00796	-1.31505	-0.00124	-0.19859
19	50.208	-0.00850	-1.26284	-0.00172	-0.20314
20	54.941	-0.00810	-0.91285	-0.00293	-0.19354
21	59.674	-0.00335	-0.00032	-0.00421	-0.15432
22	64.674	0.00742	1.39046	-0.00493	-0.08846
23	65.257	0.00901	1.56482	-0.00487	-0.08002
24	65.840	0.01059	1.73821	-0.00476	-0.07143
25	70.840	0.02005	2.95183	-0.00261	0.01851
26	73.174	0.02152	3.23105	-0.00141	0.06993
27	75.507	0.02060	3.19794	-0.00031	0.12248
28	80.507	0.01659	2.72946	0.00112	0.21843
29	81.090	0.01612	2.66468	0.00123	0.22786
30	81.674	0.01565	2.59963	0.00133	0.23718
31	84.507	0.01342	2.28383	0.00178	0.28249
32	87.340	0.01124	1.96823	0.00221	0.32782

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 48
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 14 section top appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00040	0.06874	0.00019	0.03218
2	5.208	0.00037	0.06433	0.00019	0.03201
3	7.708	0.00036	0.06223	0.00019	0.03193
4	10.208	0.00035	0.06013	0.00019	0.03185
5	10.792	0.00034	0.05964	0.00019	0.03184
6	11.375	0.00034	0.05917	0.00019	0.03182
7	16.375	0.00033	0.05723	0.00019	0.03203
8	19.250	0.00034	0.05838	0.00019	0.03254
9	22.125	0.00036	0.06086	0.00020	0.03335
10	27.125	0.00037	0.06453	0.00020	0.03480
11	27.708	0.00037	0.06482	0.00021	0.03495
12	28.292	0.00037	0.06514	0.00021	0.03511
13	33.292	0.00040	0.07180	0.00021	0.03747
14	36.167	0.00041	0.07522	0.00022	0.03901
15	39.042	0.00037	0.06983	0.00022	0.03911
16	44.042	0.00023	0.03944	0.00021	0.03535
17	44.625	0.00021	0.03465	0.00021	0.03466
18	45.208	0.00019	0.02958	0.00021	0.03393
19	50.208	-0.00017	-0.05850	0.00021	0.02005
20	54.941	-0.00155	-0.33683	0.00009	-0.02717
21	59.674	-0.00516	-0.91886	-0.00049	-0.12860
22	64.674	-0.01106	-1.72974	-0.00172	-0.27151
23	65.257	-0.01184	-1.82902	-0.00190	-0.28906
24	65.840	-0.01264	-1.92732	-0.00210	-0.30673
25	70.840	-0.01939	-2.50170	-0.00487	-0.47093
26	73.174	-0.02064	-2.34496	-0.00718	-0.55502
27	75.507	-0.01680	-1.55987	-0.00992	-0.64022
28	80.507	0.00624	1.24877	-0.01634	-0.81047
29	81.090	0.01071	1.62924	-0.01663	-0.82896
30	81.674	0.01518	2.01212	-0.01660	-0.84737
31	84.507	0.03304	3.87180	-0.01529	-0.93672
32	87.340	0.04903	5.73131	-0.01487	-1.02611

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 49
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 14 section a appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00042	0.07198	0.00018	0.03082
2	5.208	0.00040	0.06834	0.00018	0.03076
3	7.708	0.00039	0.06660	0.00018	0.03074
4	10.208	0.00038	0.06487	0.00018	0.03072
5	10.792	0.00037	0.06446	0.00018	0.03071
6	11.375	0.00037	0.06407	0.00018	0.03071
7	16.375	0.00036	0.06262	0.00018	0.03100
8	19.250	0.00037	0.06382	0.00019	0.03153
9	22.125	0.00039	0.06624	0.00019	0.03233
10	27.125	0.00041	0.06994	0.00020	0.03376
11	27.708	0.00041	0.07026	0.00020	0.03391
12	28.292	0.00041	0.07059	0.00020	0.03407
13	33.292	0.00043	0.07718	0.00021	0.03636
14	36.167	0.00044	0.08076	0.00021	0.03789
15	39.042	0.00042	0.07653	0.00021	0.03815
16	44.042	0.00030	0.05029	0.00021	0.03503
17	44.625	0.00028	0.04610	0.00021	0.03444
18	45.208	0.00026	0.04165	0.00021	0.03381
19	50.208	-0.00006	-0.03612	0.00021	0.02166
20	54.941	-0.00130	-0.28422	0.00010	-0.02028
21	59.674	-0.00453	-0.80539	-0.00042	-0.11106
22	64.674	-0.00977	-1.53304	-0.00153	-0.23941
23	65.257	-0.01046	-1.62219	-0.00169	-0.25519
24	65.840	-0.01117	-1.71055	-0.00187	-0.27109
25	70.840	-0.01707	-2.24251	-0.00434	-0.42090
26	73.174	-0.01807	-2.11893	-0.00638	-0.49868
27	75.507	-0.01456	-1.43387	-0.00877	-0.57748
28	80.507	0.00559	1.05720	-0.01409	-0.73288
29	81.090	0.00919	1.39665	-0.01434	-0.74954
30	81.674	0.01279	1.73835	-0.01434	-0.76611
31	84.507	0.02817	3.39803	-0.01347	-0.84655
32	87.340	0.04222	5.05757	-0.01324	-0.92702

VEH: S2 - SPECIAL TR BRUG(5.75.44) page 50
date 11/09/2009; time 13:26:43
Cline Avenue - Load Rating - Double Box AND SINGLE BOX - 8

Slab 14 section b appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00049	0.08367	0.00017	0.02867
2	5.208	0.00049	0.08273	0.00017	0.02901
3	7.708	0.00048	0.08228	0.00017	0.02917
4	10.208	0.00048	0.08184	0.00017	0.02933
5	10.792	0.00048	0.08174	0.00017	0.02936
6	11.375	0.00048	0.08164	0.00017	0.02940
7	16.375	0.00048	0.08191	0.00018	0.02993
8	19.250	0.00049	0.08328	0.00018	0.03047
9	22.125	0.00050	0.08550	0.00019	0.03119
10	27.125	0.00052	0.08931	0.00019	0.03252
11	27.708	0.00053	0.08970	0.00019	0.03267
12	28.292	0.00053	0.09011	0.00019	0.03282
13	33.292	0.00056	0.09641	0.00020	0.03486
14	36.167	0.00058	0.10054	0.00021	0.03635
15	39.042	0.00058	0.10040	0.00021	0.03717
16	44.042	0.00053	0.08869	0.00022	0.03639
17	44.625	0.00052	0.08661	0.00022	0.03616
18	45.208	0.00051	0.08439	0.00022	0.03590
19	50.208	0.00035	0.04283	0.00023	0.02999
20	54.941	-0.00035	-0.09890	0.00017	0.00674
21	59.674	-0.00223	-0.40568	-0.00014	-0.04634
22	64.674	-0.00526	-0.84005	-0.00081	-0.12318
23	65.257	-0.00566	-0.89347	-0.00091	-0.13269
24	65.840	-0.00607	-0.94682	-0.00101	-0.14233
25	70.840	-0.00961	-1.32939	-0.00242	-0.24102
26	73.174	-0.01031	-1.32282	-0.00351	-0.29621
27	75.507	-0.00851	-0.99043	-0.00473	-0.35211
28	80.507	0.00207	0.38127	-0.00701	-0.45470
29	81.090	0.00381	0.57616	-0.00715	-0.46488
30	81.674	0.00556	0.77274	-0.00722	-0.47495
31	84.507	0.01362	1.72759	-0.00727	-0.52386
32	87.340	0.02124	2.68237	-0.00742	-0.57279

PROGRAM : BRUG(5.75.44 DATE : 11/09/2009 START : 13:26:43
PROJECT : VEH: S2 - SP DATE : 11/09/2009 END : 13:26:44
TOTAL (msec) : 422