```
        -------------------------- PROGRAM BRUG(5.75.44)
        -------------------------
        - INPUTFILE  : III_A_R1_EL.txt      -  OUTPUTFILE : III_A_R1_EL.OUT
        -
        - DATE       :    11/09/200         -  TIME       :     13:25:20
        -

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


                          ********** 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: R1 - TOLL ROAD LOADING No. 1
    5 |* code 1001
    6 |Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' 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     182.0     64.1250   1.0       1.0       1.3
   13 |* code 1004
   14 |    2    0    2
   15 |* code 1005
   16 |   90
   17 |* code 1005a
   18 |* location traffic lanes
   19 |7.667     19.667
   20 |* maximum and minimum truck
   21 |6.667     57.458    10.000
   22 |* code 1007, linear loads
   23 |0.7350    0.441
   24 |63.39     0.441
   25 |* code 1201
   26 |   10    6    5    2    4
   27 |* code 1202 coordinates
   28 |0.0000    0.0
   29 |10.7917   0.0
   30 |10.7917   -7.9375
   31 |26.6250   0.0
   32 |26.6250   -7.9375
   33 |41.4383   0.0
   34 |41.4383   -7.9375
   35 |57.2717   0.0
   36 |57.2717   -7.9375
   37 |64.1250   0.0
   38 |* code 1203 - profile 1
   39 |    5    2    3    4
   40 |0.0000    0.750
   41 |5.2083    0.750
   42 |7.7083    1.208
   43 |10.2083   1.667
```



```
   44 |10.7917   1.667
   45 |* code 1203 - profile 2
           ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^
           ^    ^
           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 |    7    2    3    4
   47 |0.0000    1.667
   48 |0.5833    1.667
   49 |5.5833    0.750
   50 |7.9167    0.750
   51 |10.2500   0.750
   52 |15.2500   1.667
   53 |15.8333   1.667
   54 |* code 1203 - profile 3
   55 |    7    2    3    4
   56 |0.0000    1.667
   57 |0.5833    1.667
   58 |5.5833    0.750
   59 |7.4067    0.750
   60 |9.2300    0.750
   61 |14.2300   1.667
   62 |14.8133   1.667
   63 |* code 1203 - profile 4
   64 |    5    2    3    4
   65 |0.0000    1.667
   66 |0.5833    1.667
   67 |3.0833    1.208
   68 |5.5833    0.750
   69 |6.8533    0.750
   70 |* code 1203 - profile 5
   71 |    7    2    3    4
   72 |0.0000    1.458
   73 |0.5833    1.458
   74 |1.5833    0.458
   75 |7.9167    0.458
   76 |14.2500   0.458
   77 |15.2500   1.458
   78 |15.8333   1.458
   79 |* code 1203 - profile 6
   80 |    5    2    3    4
   81 |0.0000    1.167
   82 |0.8334    1.167
   83 |3.7709    1.167
   84 |6.7084    1.167
   85 |7.9375    1.167
   86 |* code 1204 - assembling boxgirder
   87 |    1    2    1
   88 |    2    4    2
   89 |    4    6    3
   90 |    6    8    2
   91 |    8   10    4
   92 |    3    5    5
   93 |    7    9    5
   94 |    2    3    6
   95 |    4    5    6
          ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^
          ^    ^
          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
   96 |    6    7    6
   97 |    8    9    6
   98 |* code 1205 control code
   99 |    1    2   13    1    1    0    4    5     1.0       1.0
  100 |* code 1206 wheels/axle
  101 |       0.0
  102 |       1.5
  103 |       6.0
  104 |       7.5 0.833
  105 |* code 1207 definition axles
  106 |0.00      18.00
  107 |10.00     18.00
  108 |14.00     18.00
  109 |24.00     18.00
  110 |28.00     18.00
  111 |* code 1208 - accuracy
  112 |0.00001   0.00001   0.00001   .00001    .00001
  113 |* code 1209 number sections
  114 |   45
  115 |   1A   1B   1C   1R   2L   2A   2B   2C   2R   3L   3A   3B   3C   3R
  116 |   4L   4A   4B   4C   4R   5L   5A   5B   5C
  117 |   6A   6B   6C   7A   7B   7C   8L   8A   8B   8C   9L   9A   9B   9C
  118 |  10L  10A  10B  10C  11L  11A  11B  11C
  119 |* code 1210 - density conrete
  120 |0.156
  121 |* code 1211 - extra forces selfweight
  122 |
  123 |* code 1212 - surcharge
  124 |1.603
  125 |* code 1213 - Prestressing Layout - NONE
  126 |•
          ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^    ^
          ^    ^
          5   10   15   20   25   30   35   40   45   50   55   60   65   70
          75   80
```

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 1
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Length 250.000
Equivalent length 182.000

Data cross-section boxgidruker

Number of nodes 10
Number of profiles 6
Number of topslabs 5
Number of bottomslabs 2
Number of webs 4

Node coordinates

Number	z	y
1	0.000	0.000
2	10.792	0.000
3	10.792	-7.938
4	26.625	0.000
5	26.625	-7.938
6	41.438	0.000
7	41.438	-7.938
8	57.272	0.000
9	57.272	-7.938
10	64.125	0.000

Slab data

number	type	start node	end node	thickness	profile number	length
1	top	1	2	-	1	10.792
2	top	2	4	-	2	15.833
3	top	4	6	-	3	14.813
4	top	6	8	-	2	15.833
5	top	8	10	-	4	6.853
6	bottom	3	5	-	5	15.833
7	bottom	7	9	-	5	15.833
8	web	2	3	-	6	7.938
9	web	4	5	-	6	7.938
10	web	6	7	-	6	7.938
11	web	8	9	-	6	7.938

Data of profiles

Profile 1

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

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 2
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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)	7.917	0.750
5	10.250	0.750
6	15.250	1.667
7 (r)	15.833	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)	7.407	0.750
5	9.230	0.750
6	14.230	1.667
7 (r)	14.813	1.667

Profile 4

section	z	thickness
1 (l)	0.000	1.667
2 (a)	0.583	1.667
3 (b)	3.083	1.208
4 (c)	5.583	0.750
5 (r)	6.853	0.750

Profile 5

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 6

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

1 2 13 1 1 0 4 5 1.0 1.0

```
 VEH: R1 - TOLL ROAD                BRUG(5.75.44)          page   3
                                     date 11/09/2009; time 13:25:20
 Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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



```
 VEH: R1 - TOLL ROAD                BRUG(5.75.44)          page   4
                                     date 11/09/2009; time 13:25:20
 Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

 Length             250.000
 Equivalent length  182.000

 Loadings

 General loadings

      Density concrete      0.156
      Dead load (topping)   1.603

 Dead load (linear)

 Distance linear loads to edge superstructure and magnitude
      Linear load      z         p
           1         0.735     0.441
           2        63.390     0.441

 Live load
      Loading class               90
      Max. numbers of vehicles     2
      Vehicle code                13
      Number of
             - axles               5
             - wheels / axle       4
             - trafficlanes        2
             - u.d.l. lanes        0
             - linear loads        2

 Vehicle axles

      Axle Axle-dist Axle-load
         1     0.000    18.000
         2    10.000    18.000
         3    14.000    18.000
         4    24.000    18.000
         5    28.000    18.000

 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    57.458

 Minimum distance between centreline vehicles   10.000

 Reduction coefficient

         Number         coefficient
         Vehicles     Vehicle    U.D.L.
```

1	1.000	1.000
2	1.000	1.000

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 5
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Loadings (continued)

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 6
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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 45

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

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 7
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Length 250.000 Equivalent length 182.000

Transverse influence lines

Load on web

Node	1	2	3	4
1	1.31	1.23	0.74	0.72
2	1.27	1.19	0.78	0.76
	1.20	1.19	0.81	0.80
4	1.11	1.15	0.88	0.86
	1.01	1.02	1.01	0.96
6	0.91	0.89	1.13	1.07
	0.85	0.82	1.18	1.15
8	0.81	0.79	1.18	1.21
10	0.79	0.77	1.20	1.24

Transverse loading distributions factors

web	Traffic lane 1	2
1	1.277	1.191
2	1.203	1.182
3	0.768	0.819
4	0.752	0.808

web	Lineair load 1	2
1	1.304	0.790
2	1.224	0.775
3	0.747	1.198
4	0.724	1.237

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 8
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Selfweight 51 harmonic

Slab	section	moment	axialforce
1	A	-1.31	0.34
1	B	-3.30	0.77
1	C	-6.43	1.46
1	RIGHT	-7.37	1.67
2	LEFT	-4.70	1.83
2	A	-3.91	1.65
2	B	0.08	0.73
2	C	0.53	0.61
2	RIGHT	-3.76	1.55
3	LEFT	-3.35	1.81
3	A	-2.64	1.63
3	B	0.66	0.67
3	C	0.82	0.56
3	RIGHT	-3.64	1.33
4	LEFT	-3.92	1.10
4	A	-3.17	0.90
4	B	0.51	-0.13
4	C	0.82	-0.27
4	RIGHT	-3.95	0.66
5	LEFT	-3.61	0.90
5	A	-2.93	0.74
5	B	-0.92	0.23
5	C	-0.08	0.02
6	A	-1.00	0.08
6	B	-0.49	0.40
6	C	0.79	1.38
7	A	-1.18	0.45
7	B	-0.65	0.74
7	C	0.77	1.52
8	TOP	-2.67	-3.09
8	A	-2.54	-2.66
8	B	-2.06	-1.05
8	C	-1.58	0.32
9	TOP	-0.41	-2.57
9	A	-0.19	-2.18
9	B	0.61	-0.76
9	C	1.40	0.43
10	TOP	0.29	-2.66
10	A	0.09	-2.28
10	B	-0.60	-0.84
10	C	-1.28	0.39
11	TOP	-0.34	-2.58
11	A	-0.14	-2.21
11	B	0.57	-0.81
11	C	1.28	0.40

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 9
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.1439	-5.1920	0.0009	0.0186
2	10.792	0.0002	0.0091	0.0010	0.0171
	18.708	-0.0009	0.0039	0.0009	0.0167
4	26.625	-0.0001	-0.0007	0.0004	0.0169
	34.032	0.0001	-0.0037	0.0002	0.0173
6	41.438	0.0000	-0.0039	0.0001	0.0176
	49.355	0.0000	-0.0037	0.0000	0.0176
8	57.272	0.0000	-0.0035	0.0001	0.0173
10	64.125	0.0000	-0.0034	0.0001	0.0164
Area		-0.3257	-13.4894	0.0276	1.1086

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-1.311	-1.311	0.341	0.341
Topping	-0.337	-0.337	0.028	0.028
Linear loads	-1.967	-1.967	0.015	0.015
Live load (incl. reduction factor)				
Vehicle(s)	0.571	-1.930	0.133	0.205
Total	-3.044	-5.545	0.517	0.588

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
5.21 6.71 11.21 12.71
32.53 34.03 38.53 40.03

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
15.04 16.54 21.04 22.54

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 10
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.2076	-7.6744	0.0022	0.0421
2	10.792	0.0005	0.0191	0.0025	0.0388
	18.708	-0.0021	0.0083	0.0020	0.0380
4	26.625	-0.0002	-0.0012	0.0009	0.0384
	34.032	0.0002	-0.0075	0.0005	0.0392
6	41.438	0.0000	-0.0079	0.0002	0.0398
	49.355	-0.0001	-0.0075	0.0001	0.0399
8	57.272	0.0000	-0.0071	0.0001	0.0391
10	64.125	0.0000	-0.0069	0.0002	0.0372
Area		-0.8214	-29.5477	0.0658	2.5122

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.296	-3.296	0.772	0.772
Topping	-0.739	-0.739	0.063	0.063
Linear loads	-3.064	-3.064	0.035	0.035
Live load (incl. reduction factor)				
Vehicle(s)	0.390	-6.524	0.319	0.486
Total	-6.708	-13.622	1.189	1.355

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
7.71 9.21 13.71 15.21
32.53 34.03 38.53 40.03

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
15.04 16.54 21.04 22.54

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 11
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 1 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	-0.2620	-10.1191	0.0046	0.0795
2	10.792	0.0022	0.0502	0.0060	0.0734
	18.708	-0.0070	0.0218	0.0041	0.0721
4	26.625	-0.0006	-0.0031	0.0018	0.0728
	34.032	0.0005	-0.0199	0.0009	0.0741
6	41.438	0.0000	-0.0212	0.0005	0.0753
	49.355	-0.0002	-0.0201	0.0003	0.0753
8	57.272	-0.0001	-0.0190	0.0003	0.0738
10	64.125	-0.0001	-0.0185	0.0005	0.0703
Area		-1.4695	-51.6901	0.1411	4.7513

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-6.433	-6.433	1.460	1.460
Topping	-1.292	-1.292	0.119	0.119
Linear loads	-4.148	-4.148	0.066	0.066
Live load (incl. reduction factor)				
Vehicle(s)	0.031	-11.581	0.091	1.056
Total	-11.842	-23.454	1.735	2.701

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
32.53 34.03 38.53 40.03

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
15.04 16.54 21.04 22.54

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 12
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.2746	-10.6824	0.0054	0.0907
2	10.792	0.0036	0.0616	0.0075	0.0838
	18.708	-0.0093	0.0268	0.0048	0.0823
4	26.625	-0.0007	-0.0038	0.0021	0.0831
	34.032	0.0006	-0.0244	0.0011	0.0846
6	41.438	-0.0001	-0.0261	0.0005	0.0858
	49.355	-0.0002	-0.0247	0.0004	0.0858
8	57.272	-0.0002	-0.0234	0.0004	0.0842
10	64.125	-0.0001	-0.0227	0.0005	0.0802
Area		-1.6735	-57.7229	0.1692	5.4219

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-7.375	-7.375	1.666	1.666
Topping	-1.443	-1.443	0.136	0.136
Linear loads	-4.398	-4.398	0.075	0.075
Live load (incl. reduction factor)				
Vehicle(s)	0.039	-13.754	0.105	1.278
Total	-13.176	-26.970	1.981	3.154

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
32.53 34.03 38.53 40.03

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
15.04 16.54 21.04 22.54

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 13
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0751	-1.7280	0.0323	1.3003
2	10.792	0.0324	1.9376	0.0122	0.3853
	18.708	-0.0645	-2.0648	-0.0023	-0.1617
4	26.625	-0.0271	-1.6014	-0.0019	-0.1382
	34.032	-0.0045	-0.5602	0.0000	-0.0059
6	41.438	-0.0021	-0.2439	0.0000	0.0340
	49.355	-0.0016	-0.1423	0.0000	0.0469
8	57.272	-0.0013	-0.1245	0.0000	0.0484
10	64.125	-0.0010	-0.1017	0.0002	0.0480
Area		-1.0649	-30.7010	0.2514	9.0754

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-4.701	-4.701	1.825	1.825
Topping	-0.767	-0.767	0.227	0.227
Linear loads	-0.698	-0.698	0.567	0.567
Live load (incl. reduction factor)				
Vehicle(s)	-0.148	-7.875	0.002	0.010
Total	-6.314	-14.041	2.621	2.629

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
12.71 14.21 18.71 20.21
22.71 24.21 28.71 30.21

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0666	-1.6366	0.0305	1.2366
2	10.792	0.0293	1.8212	0.0103	0.3445
	18.708	-0.0571	-1.7645	-0.0029	-0.1865
4	26.625	-0.0248	-1.4602	-0.0019	-0.1474
	34.032	-0.0044	-0.5338	0.0001	-0.0016
6	41.438	-0.0022	-0.2515	0.0001	0.0425
	49.355	-0.0017	-0.1596	0.0000	0.0568
8	57.272	-0.0015	-0.1423	0.0000	0.0585
10	64.125	-0.0011	-0.1210	0.0003	0.0578
Area		-0.8575	-25.9526	0.2225	8.3742

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.910	-3.910	1.647	1.647
Topping	-0.649	-0.649	0.209	0.209
Linear loads	-0.672	-0.672	0.544	0.544
Live load (incl. reduction factor)				
Vehicle(s)	0.439	-6.636	1.564	-0.353
Total	-4.792	-11.867	3.964	2.048

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 =
17.21 18.71 23.21 24.71
27.21 28.71 33.21 34.71

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0294	-0.9552	0.0181	0.7220
2	10.792	0.0108	0.7687	0.0021	0.0254
	18.708	0.0092	0.7895	-0.0057	-0.3683
4	26.625	-0.0058	-0.2401	-0.0011	-0.1957
	34.032	-0.0040	-0.2787	0.0018	0.0660
6	41.438	-0.0029	-0.2874	0.0010	0.1469
	49.355	-0.0025	-0.2806	0.0006	0.1729
8	57.272	-0.0025	-0.2687	0.0006	0.1748
10	64.125	-0.0024	-0.2600	0.0011	0.1715
Area		0.0184	0.5881	0.0944	4.3259

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.077	0.077	0.727	0.727
Topping	0.015	0.015	0.108	0.108
Linear loads	-0.485	-0.485	0.373	0.373
Live load (incl. reduction factor)				
Vehicle(s)	3.610	-1.166	-0.089	0.922
Total	3.217	-1.559	1.120	2.130

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 =
2.92 4.42 8.92 10.42
24.54 26.04 30.54 32.04

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0167	-0.6593	0.0135	0.4984
2	10.792	0.0023	0.2657	-0.0003	-0.1078
	18.708	0.0598	1.9772	-0.0062	-0.4375
4	26.625	0.0036	0.3314	-0.0001	-0.2025
	34.032	-0.0040	-0.1530	0.0030	0.1136
6	41.438	-0.0033	-0.2971	0.0016	0.2117
	49.355	-0.0028	-0.3304	0.0010	0.2433
8	57.272	-0.0029	-0.3215	0.0010	0.2451
10	64.125	-0.0030	-0.3189	0.0017	0.2400
Area		0.1616	4.3950	0.0724	3.4600

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.527	0.527	0.612	0.612
Topping	0.110	0.110	0.086	0.086
Linear loads	-0.404	-0.404	0.308	0.308
Live load (incl. reduction factor)				
Vehicle(s)	4.402	-1.012	-0.632	0.843
Total	4.635	-0.779	0.375	1.850

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
11.21 12.71 17.21 18.71
21.21 22.71 27.21 28.71

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
34.36 35.86 40.36 41.86

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0218	0.4325	0.0005	-0.1938
2	10.792	-0.0248	-1.3774	-0.0059	-0.4954
	18.708	-0.0658	-1.8668	-0.0047	-0.6086
4	26.625	0.0379	2.2889	0.0082	-0.1611
	34.032	-0.0103	0.2612	0.0098	0.3416
6	41.438	-0.0056	-0.3631	0.0051	0.5011
	49.355	-0.0040	-0.5411	0.0033	0.5525
8	57.272	-0.0047	-0.5432	0.0031	0.5536
10	64.125	-0.0055	-0.5609	0.0043	0.5412
Area		-0.7107	-22.8447	0.1437	4.8137

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.757	-3.757	1.545	1.545
Topping	-0.571	-0.571	0.120	0.120
Linear loads	-0.110	-0.110	0.145	0.145
Live load (incl. reduction factor)				
Vehicle(s)	1.200	-7.439	1.085	-0.700
Total	-3.238	-11.877	2.895	1.110

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
26.62 28.12 32.62 34.12

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
7.21 8.71 13.21 14.71
17.21 18.71 23.21 24.71

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0337	2.7655	0.0032	0.1721
2	10.792	0.0280	3.1996	0.0019	0.1506
	18.708	0.0153	3.4600	0.0061	0.0930
4	26.625	0.0489	4.0454	0.0090	0.0453
	34.032	-0.0621	-1.8177	0.0024	0.0544
6	41.438	-0.0418	-3.5951	0.0001	0.0647
	49.355	-0.0339	-4.0168	-0.0008	0.0851
8	57.272	-0.0353	-3.9138	-0.0010	0.1007
10	64.125	-0.0369	-3.8833	0.0001	0.0951
Area		-0.6350	-14.6964	0.1567	6.0580

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.345	-3.345	1.813	1.813
Topping	-0.367	-0.367	0.151	0.151
Linear loads	-0.481	-0.481	0.117	0.117
Live load (incl. reduction factor)				
Vehicle(s)	6.119	-10.300	1.262	0.162
Total	1.924	-14.494	3.343	2.244

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
9.12 10.62 15.12 16.62
19.12 20.62 25.12 26.62

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
32.53 34.03 38.53 40.03
42.53 44.03 48.53 50.03

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0305	2.5268	0.0030	0.1603
2	10.792	0.0258	2.9356	0.0016	0.1397
	18.708	0.0156	3.1769	0.0054	0.0838
4	26.625	0.0445	3.7506	0.0075	0.0371
	34.032	-0.0543	-1.5253	0.0020	0.0451
6	41.438	-0.0385	-3.2956	0.0001	0.0544
	49.355	-0.0316	-3.7239	-0.0008	0.0757
8	57.272	-0.0328	-3.6343	-0.0011	0.0928
10	64.125	-0.0342	-3.6150	0.0000	0.0879
Area		-0.4761	-11.2029	0.1320	5.4520

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.635	-2.635	1.628	1.628
Topping	-0.280	-0.280	0.136	0.136
Linear loads	-0.469	-0.469	0.109	0.109
Live load (incl. reduction factor)				
Vehicle(s)	6.673	-9.253	1.067	0.119
Total	3.289	-12.637	2.941	1.992

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
19.71 21.21 25.71 27.21
2.92 4.42 8.92 10.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
32.53 34.03 38.53 40.03
42.53 44.03 48.53 50.03

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0064	0.3623	0.0017	0.0897
2	10.792	0.0051	0.5962	0.0002	0.0768
	18.708	0.0014	0.7057	0.0019	0.0348
4	26.625	0.0138	1.2143	0.0024	-0.0028
	34.032	0.0153	1.0083	0.0000	-0.0025
6	41.438	-0.0087	-0.6828	0.0006	-0.0012
	49.355	-0.0123	-1.1613	-0.0003	0.0287
8	57.272	-0.0109	-1.1868	-0.0014	0.0593
10	64.125	-0.0111	-1.2648	-0.0003	0.0594
Area		0.1350	4.5358	0.0353	2.2918

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.662	0.662	0.671	0.671
Topping	0.113	0.113	0.057	0.057
Linear loads	-0.387	-0.387	0.065	0.065
Live load (incl. reduction factor)				
Vehicle(s)	4.196	-2.567	0.284	-0.130
Total	4.584	-2.180	1.077	0.663

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
24.71 26.21 30.71 32.21
2.92 4.42 8.92 10.42

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0022	-0.4515	0.0014	0.0759
2	10.792	-0.0027	-0.2754	-0.0001	0.0658
	18.708	-0.0052	-0.2089	0.0012	0.0288
4	26.625	0.0027	0.2836	0.0016	-0.0054
	34.032	0.0569	1.9368	-0.0001	-0.0077
6	41.438	0.0027	0.2820	0.0011	-0.0089
	49.355	-0.0053	-0.2114	0.0002	0.0243
8	57.272	-0.0027	-0.2786	-0.0014	0.0599
10	64.125	-0.0023	-0.3922	-0.0002	0.0617
Area		0.1727	4.0166	0.0272	1.9276

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.816	0.816	0.565	0.565
Topping	0.100	0.100	0.048	0.048
Linear loads	-0.361	-0.361	0.060	0.060
Live load (incl. reduction factor)				
Vehicle(s)	4.031	-0.972	0.189	0.044
Total	4.586	-0.416	0.862	0.718

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
24.03 25.53 30.03 31.53
34.03 35.53 40.03 41.53

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
47.85 49.35 53.85 55.35
12.71 14.21 18.71 20.21

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0359	-3.7101	0.0011	0.0812
2	10.792	-0.0338	-3.7647	-0.0003	0.0832
	18.708	-0.0325	-3.8721	-0.0002	0.0663
4	26.625	-0.0406	-3.4546	0.0003	0.0450
	34.032	-0.0609	-1.6811	0.0022	0.0316
6	41.438	0.0501	4.1827	0.0083	0.0193
	49.355	0.0166	3.5997	0.0046	0.0661
8	57.272	0.0294	3.3422	0.0001	0.1222
10	64.125	0.0336	3.0671	0.0011	0.1313
Area		-0.8247	-31.9844	0.1239	4.3379

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.636	-3.636	1.332	1.332
Topping	-0.800	-0.800	0.108	0.108
Linear loads	-0.272	-0.272	0.093	0.093
Live load (incl. reduction factor)				
Vehicle(s)	6.698	-10.009	0.903	0.195
Total	1.990	-14.717	2.437	1.729

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
41.44 42.94 47.44 48.94
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
18.03 19.53 24.03 25.53
28.03 29.53 34.03 35.53

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 23
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0058	-0.5651	0.0052	0.5028
2	10.792	-0.0047	-0.5385	0.0037	0.5163
	18.708	-0.0040	-0.5371	0.0036	0.5144
4	26.625	-0.0055	-0.3596	0.0051	0.4626
	34.032	-0.0103	0.2647	0.0093	0.3006
6	41.438	0.0378	2.2934	0.0073	-0.2053
	49.355	-0.0660	-1.8607	-0.0063	-0.6538
8	57.272	-0.0250	-1.3699	-0.0079	-0.5422
10	64.125	0.0065	-0.2205	-0.0035	-0.3554
Area		-0.7884	-25.1529	0.1295	5.2754

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.923	-3.923	1.096	1.096
Topping	-0.629	-0.629	0.132	0.132
Linear loads	-0.400	-0.400	0.057	0.057
Live load (incl. reduction factor)				
Vehicle(s)	1.197	-7.492	1.006	-1.127
Total	-3.755	-12.444	2.291	0.157

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
33.94 35.44 39.94 41.44

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 24
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0055	-0.5380	0.0049	0.4758
2	10.792	-0.0045	-0.5136	0.0034	0.4883
	18.708	-0.0039	-0.5132	0.0034	0.4863
4	26.625	-0.0051	-0.3480	0.0047	0.4361
	34.032	-0.0080	0.2371	0.0085	0.2789
6	41.438	0.0343	2.1463	0.0057	-0.2129
	49.355	-0.0585	-1.5854	-0.0068	-0.6456
8	57.272	-0.0231	-1.2608	-0.0077	-0.5181
10	64.125	0.0054	-0.2424	-0.0028	-0.3170
Area		-0.6162	-20.7206	0.1040	4.5909

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.170	-3.170	0.900	0.900
Topping	-0.518	-0.518	0.115	0.115
Linear loads	-0.392	-0.392	0.061	0.061
Live load (incl. reduction factor)				
Vehicle(s)	1.761	-5.909	0.701	-1.181
Total	-2.319	-9.988	1.777	-0.105

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
36.02 37.52 42.02 43.52

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 25
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0036	-0.3701	0.0028	0.2775
2	10.792	-0.0032	-0.3652	0.0018	0.2831
	18.708	-0.0030	-0.3715	0.0017	0.2806
4	26.625	-0.0036	-0.2982	0.0023	0.2430
	34.032	-0.0041	-0.0183	0.0039	0.1257
6	41.438	0.0130	0.9127	0.0001	-0.2468
	49.355	0.0087	0.8415	-0.0082	-0.5446
8	57.272	-0.0061	-0.2266	-0.0046	-0.2800
10	64.125	-0.0049	-0.3070	0.0035	0.0438
Area		0.1159	3.2180	0.0009	0.8372

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.509	0.509	-0.132	-0.132
Topping	0.080	0.080	0.021	0.021
Linear loads	-0.295	-0.295	0.127	0.127
Live load (incl. reduction factor)				
Vehicle(s)	4.037	-0.821	-0.792	0.552
Total	4.332	-0.526	-0.777	0.567

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
37.02 38.52 43.02 44.52
47.02 48.52 53.02 54.52

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
16.21 17.71 22.21 23.71
26.21 27.71 32.21 33.71

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 26
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0029	-0.3043	0.0020	0.2023
2	10.792	-0.0028	-0.3089	0.0012	0.2053
	18.708	-0.0027	-0.3181	0.0011	0.2026
4	26.625	-0.0032	-0.2852	0.0015	0.1707
	34.032	-0.0039	-0.1414	0.0025	0.0713
6	41.438	0.0037	0.3429	-0.0011	-0.2461
	49.355	0.0599	1.9886	-0.0080	-0.4812
8	57.272	0.0024	0.2771	-0.0026	-0.1525
10	64.125	-0.0103	-0.3106	0.0070	0.2289
Area		0.2093	5.8388	-0.0110	0.1865

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.820	0.820	-0.275	-0.275
Topping	0.146	0.146	0.005	0.005
Linear loads	-0.244	-0.244	0.172	0.172
Live load (incl. reduction factor)				
Vehicle(s)	4.430	-0.733	-1.005	0.363
Total	5.153	-0.010	-1.102	0.265

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
39.35 40.85 45.35 46.85
49.35 50.85 55.35 56.85

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
16.21 17.71 22.21 23.71
26.21 27.71 32.21 33.71

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 27
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0006	-0.0673	0.0002	0.0168
2	10.792	-0.0011	-0.1028	0.0000	0.0142
	18.708	-0.0014	-0.1206	-0.0001	0.0119
4	26.625	-0.0019	-0.2224	-0.0002	-0.0012
	34.032	-0.0043	-0.5395	-0.0004	-0.0409
6	41.438	-0.0268	-1.5818	-0.0027	-0.1728
	49.355	-0.0639	-2.0471	-0.0040	-0.1959
8	57.272	0.0328	1.9538	0.0101	0.3508
10	64.125	-0.0452	-0.3744	0.0243	0.9299
Area		-0.8260	-25.6322	0.0931	2.5921

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.952	-3.952	0.663	0.663
Topping	-0.641	-0.641	0.065	0.065
Linear loads	-0.086	-0.086	0.390	0.390
Live load (incl. reduction factor)				
Vehicle(s)	-0.102	-7.772	0.004	-0.300
Total	-4.780	-12.451	1.122	0.818

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

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
37.85 39.35 43.85 45.35
47.85 49.35 53.85 55.35

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 28
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0001	-0.0198	0.0004	0.0432
2	10.792	-0.0002	-0.0207	0.0003	0.0462
	18.708	-0.0002	-0.0219	0.0003	0.0471
4	26.625	-0.0001	-0.0232	0.0003	0.0471
	34.032	0.0005	-0.0216	0.0006	0.0461
6	41.438	-0.0007	-0.0032	0.0012	0.0449
	49.355	-0.0087	0.0241	0.0030	0.0444
8	57.272	0.0034	0.0550	0.0053	0.0452
10	64.125	-0.1927	-6.7716	0.0038	0.0471
Area		-0.7829	-23.4553	0.0988	2.9300

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-3.614	-3.614	0.904	0.904
Topping	-0.586	-0.586	0.073	0.073
Linear loads	-2.672	-2.672	0.040	0.040
Live load (incl. reduction factor)				
Vehicle(s)	0.037	-6.638	0.063	0.820
Total	-6.836	-13.510	1.080	1.837

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
28.03 29.53 34.03 35.53

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 29
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0001	-0.0157	0.0003	0.0352
2	10.792	-0.0001	-0.0164	0.0002	0.0376
	18.708	-0.0002	-0.0174	0.0002	0.0384
4	26.625	0.0000	-0.0184	0.0003	0.0383
	34.032	0.0004	-0.0172	0.0005	0.0375
6	41.438	-0.0005	-0.0026	0.0010	0.0365
	49.355	-0.0064	0.0190	0.0024	0.0361
8	57.272	0.0020	0.0435	0.0039	0.0367
10	64.125	-0.1784	-6.2053	0.0029	0.0383
Area		-0.6329	-19.6378	0.0757	2.3850

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.933	-2.933	0.736	0.736
Topping	-0.491	-0.491	0.060	0.060
Linear loads	-2.420	-2.420	0.032	0.032
Live load (incl. reduction factor)				
Vehicle(s)	0.028	-5.229	0.051	0.623
Total	-5.816	-11.074	0.879	1.451

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
28.03 29.53 34.03 35.53

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 30
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0000	-0.0045	0.0001	0.0112
2	10.792	0.0000	-0.0047	0.0001	0.0120
	18.708	0.0000	-0.0049	0.0001	0.0123
4	26.625	0.0000	-0.0052	0.0001	0.0122
	34.032	0.0001	-0.0049	0.0002	0.0119
6	41.438	-0.0001	-0.0008	0.0003	0.0116
	49.355	-0.0015	0.0052	0.0007	0.0115
8	57.272	0.0003	0.0121	0.0009	0.0117
10	64.125	-0.1206	-3.7521	0.0007	0.0122
Area		-0.2202	-7.1066	0.0203	0.7591

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.923	-0.923	0.234	0.234
Topping	-0.178	-0.178	0.019	0.019
Linear loads	-1.333	-1.333	0.010	0.010
Live load (incl. reduction factor)				
Vehicle(s)	0.329	-0.590	0.109	0.163
Total	-2.105	-3.023	0.373	0.426

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
52.86 54.36 58.86 60.36
28.03 29.53 34.03 35.53

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 31
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0000	-0.0009	0.0000	0.0011
2	10.792	0.0000	-0.0009	0.0000	0.0012
	18.708	0.0000	-0.0010	0.0000	0.0012
4	26.625	0.0000	-0.0010	0.0000	0.0012
	34.032	0.0000	-0.0009	0.0000	0.0012
6	41.438	0.0000	-0.0002	0.0000	0.0012
	49.355	-0.0003	0.0009	0.0001	0.0011
8	57.272	0.0000	0.0022	0.0001	0.0012
10	64.125	-0.0479	-1.2668	0.0001	0.0012
Area		-0.0185	-0.8086	0.0018	0.0761

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.079	-0.079	0.023	0.023
Topping	-0.020	-0.020	0.002	0.002
Linear loads	-0.235	-0.235	0.001	0.001
Live load (incl. reduction factor)				
Vehicle(s)	0.084	-0.027	0.008	0.013
Total	-0.249	-0.360	0.034	0.040

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
40.19 41.69 46.19 47.69
50.19 51.69 56.19 57.69

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0119	0.6971	-0.0249	-1.1404
2	10.792	0.0074	0.5317	-0.0035	-0.2560
	18.708	0.0008	0.1615	0.0075	0.2718
4	26.625	-0.0036	-0.1550	0.0042	0.2320
	34.032	-0.0032	-0.1930	0.0011	0.0881
6	41.438	-0.0022	-0.2038	0.0005	0.0456
	49.355	-0.0018	-0.2006	0.0003	0.0317
8	57.272	-0.0018	-0.1924	0.0003	0.0287
10	64.125	-0.0018	-0.1864	0.0003	0.0251
Area		0.0371	2.1321	-0.0541	-2.7599

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.999	-0.999	0.076	0.076
Topping	0.053	0.053	-0.069	-0.069
Linear loads	0.220	0.220	-0.465	-0.465
Live load (incl. reduction factor)				
Vehicle(s)	1.347	-0.678	-0.866	0.403
Total	0.621	-1.404	-1.324	-0.055

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 =
25.71 27.21 31.71 33.21
35.71 37.21 41.71 43.21

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date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0098	0.6120	-0.0221	-1.0254
2	10.792	0.0062	0.4597	-0.0017	-0.1814
	18.708	0.0007	0.1347	0.0084	0.3154
4	26.625	-0.0031	-0.1369	0.0045	0.2460
	34.032	-0.0027	-0.1667	0.0009	0.0796
6	41.438	-0.0019	-0.1749	0.0003	0.0304
	49.355	-0.0015	-0.1719	0.0002	0.0151
8	57.272	-0.0015	-0.1649	0.0002	0.0126
10	64.125	-0.0015	-0.1597	0.0001	0.0092
Area		0.0305	1.8685	-0.0179	-1.4852

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.495	-0.495	0.400	0.400
Topping	0.047	0.047	-0.037	-0.037
Linear loads	0.195	0.195	-0.423	-0.423
Live load (incl. reduction factor)				
Vehicle(s)	1.138	-0.576	-0.485	0.399
Total	0.884	-0.830	-0.545	0.340

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 =
25.71 27.21 31.71 33.21
35.71 37.21 41.71 43.21

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date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 6 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	0.0010	0.0386	-0.0088	-0.3499
2	10.792	-0.0001	-0.0156	0.0047	0.2403
	18.708	-0.0007	-0.0430	0.0118	0.5381
4	26.625	-0.0002	-0.0193	0.0054	0.2781
	34.032	0.0002	0.0090	-0.0010	-0.0316
6	41.438	0.0002	0.0174	-0.0014	-0.1228
	49.355	0.0002	0.0194	-0.0013	-0.1457
8	57.272	0.0002	0.0188	-0.0013	-0.1428
10	64.125	0.0002	0.0187	-0.0013	-0.1436
Area		0.0027	0.1107	0.0930	3.0992

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.790	0.790	1.376	1.376
Topping	0.003	0.003	0.077	0.077
Linear loads	0.024	0.024	-0.200	-0.200
Live load (incl. reduction factor)				
Vehicle(s)	0.058	-0.093	-0.217	1.809
Total	0.875	0.724	1.037	3.062

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
34.36 35.86 40.36 41.86

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
11.21 12.71 17.21 18.71
21.21 22.71 27.21 28.71

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date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0020	0.2097	-0.0038	-0.3951
2	10.792	0.0020	0.2199	-0.0037	-0.4053
	18.708	0.0020	0.2294	-0.0036	-0.4191
4	26.625	0.0025	0.2284	-0.0044	-0.3893
	34.032	0.0038	0.2001	-0.0061	-0.2455
6	41.438	0.0031	0.1045	0.0019	0.2340
	49.355	-0.0029	-0.2597	0.0111	0.7127
8	57.272	-0.0078	-0.5751	0.0079	0.6403
10	64.125	-0.0087	-0.6113	0.0041	0.4482
Area		0.0073	0.6529	0.0159	-0.2011

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-1.178	-1.178	0.448	0.448
Topping	0.016	0.016	-0.005	-0.005
Linear loads	-0.175	-0.175	0.032	0.032
Live load (incl. reduction factor)				
Vehicle(s)	0.728	-0.997	-0.804	1.877
Total	-0.608	-2.334	-0.328	2.352

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
24.36 25.86 30.36 31.86
34.36 35.86 40.36 41.86

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 36
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0017	0.1838	-0.0034	-0.3533
2	10.792	0.0018	0.1926	-0.0033	-0.3616
	18.708	0.0018	0.2010	-0.0032	-0.3736
4	26.625	0.0022	0.2002	-0.0039	-0.3447
	34.032	0.0032	0.1752	-0.0051	-0.2087
6	41.438	0.0026	0.0885	0.0030	0.2470
	49.355	-0.0024	-0.2305	0.0116	0.6965
8	57.272	-0.0066	-0.5009	0.0077	0.5944
10	64.125	-0.0074	-0.5289	0.0031	0.3778
Area		0.0061	0.5676	0.0439	0.8110

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.652	-0.652	0.737	0.737
Topping	0.014	0.014	0.020	0.020
Linear loads	-0.151	-0.151	0.021	0.021
Live load (incl. reduction factor)				
Vehicle(s)	0.609	-0.851	-0.605	1.917
Total	-0.179	-1.639	0.173	2.694

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
24.36 25.86 30.36 31.86
34.36 35.86 40.36 41.86

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 37
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0002	0.0179	-0.0013	-0.1379
2	10.792	0.0002	0.0181	-0.0012	-0.1369
	18.708	0.0002	0.0187	-0.0012	-0.1399
4	26.625	0.0002	0.0168	-0.0013	-0.1172
	34.032	0.0002	0.0084	-0.0010	-0.0261
6	41.438	-0.0002	-0.0200	0.0054	0.2834
	49.355	-0.0007	-0.0436	0.0119	0.5433
8	57.272	-0.0001	-0.0162	0.0048	0.2454
10	64.125	0.0006	0.0183	-0.0043	-0.1296
Area		0.0000	0.0295	0.1165	3.8440

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.774	0.774	1.518	1.518
Topping	0.001	0.001	0.096	0.096
Linear loads	0.014	0.014	-0.100	-0.100
Live load (incl. reduction factor)				
Vehicle(s)	0.043	-0.094	-0.283	1.824
Total	0.832	0.695	1.231	3.337

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
16.21 17.71 22.21 23.71
26.21 27.71 32.21 33.71

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
39.35 40.85 45.35 46.85
49.35 50.85 55.35 56.85

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 38
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 8 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	-0.1996	-8.9544	-0.0371	-1.1219
2	10.792	-0.0288	-1.8760	-0.0434	-0.7812
	18.708	0.0552	2.0916	-0.0176	-0.5062
4	26.625	0.0263	1.5975	-0.0041	-0.2430
	34.032	0.0051	0.5358	0.0000	-0.0528
6	41.438	0.0020	0.2178	0.0002	0.0049
	49.355	0.0013	0.1176	0.0001	0.0220
8	57.272	0.0012	0.1011	0.0002	0.0233
10	64.125	0.0008	0.0790	0.0002	0.0259
Area		-0.6085	-27.0219	-0.7564	-19.0538

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.674	-2.674	-3.093	-3.093
Topping	-0.675	-0.675	-0.476	-0.476
Linear loads	-3.700	-3.700	-0.473	-0.473
Live load (incl. reduction factor)				
Vehicle(s)	6.849	-11.254	-3.514	-4.622
Total	-0.201	-18.304	-7.556	-8.664

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
12.71 14.21 18.71 20.21
22.71 24.21 28.71 30.21

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

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 39
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.1749	-7.9367	-0.0331	-1.0126
2	10.792	-0.0248	-1.6194	-0.0376	-0.7060
	18.708	0.0484	1.8904	-0.0155	-0.4542
4	26.625	0.0230	1.4125	-0.0036	-0.2131
	34.032	0.0042	0.4579	0.0001	-0.0420
6	41.438	0.0015	0.1720	0.0002	0.0098
	49.355	0.0010	0.0827	0.0002	0.0249
8	57.272	0.0008	0.0689	0.0002	0.0258
10	64.125	0.0006	0.0499	0.0003	0.0280
Area		-0.5313	-23.9469	-0.6620	-16.9637

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.538	-2.538	-2.656	-2.656
Topping	-0.599	-0.599	-0.424	-0.424
Linear loads	-3.287	-3.287	-0.425	-0.425
Live load (incl. reduction factor)				
Vehicle(s)	5.983	-9.751	-3.077	-4.051
Total	-0.441	-16.175	-6.582	-7.557

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
12.71 14.21 18.71 20.21
22.71 24.21 28.71 30.21

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

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 40
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0938	-4.3499	-0.0187	-0.6230
2	10.792	-0.0110	-0.7148	-0.0186	-0.4368
	18.708	0.0274	1.1809	-0.0082	-0.2676
4	26.625	0.0116	0.7601	-0.0018	-0.1049
	34.032	0.0011	0.1833	0.0004	-0.0009
6	41.438	-0.0001	0.0107	0.0004	0.0304
	49.355	-0.0002	-0.0402	0.0003	0.0386
8	57.272	-0.0003	-0.0445	0.0003	0.0380
10	64.125	-0.0004	-0.0529	0.0004	0.0386
Area		-0.2829	-13.1099	-0.3374	-9.3729

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-2.061	-2.061	-1.049	-1.049
Topping	-0.328	-0.328	-0.234	-0.234
Linear loads	-1.832	-1.832	-0.252	-0.252
Live load (incl. reduction factor)				
Vehicle(s)	3.325	-5.042	-1.570	-2.080
Total	-0.896	-9.262	-3.106	-3.616

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
12.71 14.21 18.71 20.21
22.71 24.21 28.71 30.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
53.71 55.21 59.71 61.21

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 41
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0175	-0.7633	-0.0059	-0.2427
2	10.792	0.0025	0.1898	-0.0050	-0.1768
	18.708	0.0083	0.4716	-0.0022	-0.0928
4	26.625	0.0005	0.1078	-0.0001	-0.0109
	34.032	-0.0021	-0.0912	0.0005	0.0263
6	41.438	-0.0017	-0.1505	0.0004	0.0374
	49.355	-0.0014	-0.1632	0.0004	0.0395
8	57.272	-0.0014	-0.1581	0.0004	0.0382
10	64.125	-0.0015	-0.1561	0.0004	0.0375
Area		-0.0516	-2.2736	-0.0825	-2.5591

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-1.584	-1.584	0.317	0.317
Topping	-0.057	-0.057	-0.064	-0.064
Linear loads	-0.377	-0.377	-0.088	-0.088
Live load (incl. reduction factor)				
Vehicle(s)	1.009	-0.827	-0.522	-0.561
Total	-1.008	-2.845	-0.357	-0.396

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
10.38 11.88 16.38 17.88
20.38 21.88 26.38 27.88

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
2.92 4.42 8.92 10.42
32.53 34.03 38.53 40.03

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 42
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 9 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	-0.0119	-2.3330	0.0101	0.5762
2	10.792	-0.0528	-4.5770	0.0006	0.2662
	18.708	-0.0811	-5.3268	-0.0141	0.0144
4	26.625	-0.0111	-1.7565	-0.0372	-0.2416
	34.032	0.0518	2.0789	-0.0181	-0.4532
6	41.438	0.0363	3.2320	-0.0065	-0.5329
	49.355	0.0299	3.4757	-0.0040	-0.5430
8	57.272	0.0305	3.3706	-0.0047	-0.5219
10	64.125	0.0313	3.3224	-0.0051	-0.5052
Area		-0.0758	-8.1483	-0.5950	-13.5560

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.411	-0.411	-2.565	-2.565
Topping	-0.204	-0.204	-0.339	-0.339
Linear loads	0.371	0.371	0.021	0.021
Live load (incl. reduction factor)				
Vehicle(s)	8.875	-13.174	-2.230	-2.467
Total	8.631	-13.418	-5.112	-5.350

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
32.53 34.03 38.53 40.03
42.53 44.03 48.53 50.03

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
7.21 8.71 13.21 14.71
17.21 18.71 23.21 24.71

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 43
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0098	-2.0164	0.0092	0.5286
2	10.792	-0.0462	-4.0306	0.0007	0.2491
	18.708	-0.0713	-4.7369	-0.0123	0.0176
4	26.625	-0.0103	-1.5829	-0.0320	-0.2173
	34.032	0.0449	1.8373	-0.0160	-0.4074
6	41.438	0.0321	2.8638	-0.0058	-0.4786
	49.355	0.0265	3.0808	-0.0036	-0.4877
8	57.272	0.0271	2.9876	-0.0042	-0.4689
10	64.125	0.0277	2.9452	-0.0046	-0.4541
Area		-0.0645	-7.0761	-0.5184	-11.9927

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.186	-0.186	-2.183	-2.183
Topping	-0.177	-0.177	-0.300	-0.300
Linear loads	0.351	0.351	0.024	0.024
Live load (incl. reduction factor)				
Vehicle(s)	7.774	-11.537	-1.984	-2.122
Total	7.762	-11.549	-4.443	-4.581

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
32.53 34.03 38.53 40.03
42.53 44.03 48.53 50.03

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
7.21 8.71 13.21 14.71
17.21 18.71 23.21 24.71

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 44
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0021	-0.9056	0.0061	0.3626
2	10.792	-0.0234	-2.1110	0.0009	0.1909
	18.708	-0.0392	-2.6648	-0.0060	0.0323
4	26.625	-0.0075	-0.9764	-0.0151	-0.1273
	34.032	0.0233	0.9852	-0.0086	-0.2415
6	41.438	0.0174	1.5709	-0.0035	-0.2830
	49.355	0.0146	1.6959	-0.0022	-0.2882
8	57.272	0.0148	1.6451	-0.0025	-0.2774
10	64.125	0.0152	1.6230	-0.0027	-0.2689
Area		-0.0257	-3.3108	-0.2548	-6.2382

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.609	0.609	-0.760	-0.760
Topping	-0.083	-0.083	-0.156	-0.156
Linear loads	0.281	0.281	0.036	0.036
Live load (incl. reduction factor)				
Vehicle(s)	4.150	-6.181	-1.106	-0.948
Total	4.958	-5.373	-1.987	-1.829

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
32.53 34.03 38.53 40.03
42.53 44.03 48.53 50.03

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
7.21 8.71 13.21 14.71
17.21 18.71 23.21 24.71

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date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0060	0.2000	0.0029	0.1794
2	10.792	-0.0010	-0.1977	0.0011	0.1170
	18.708	-0.0092	-0.5995	-0.0011	0.0355
4	26.625	-0.0047	-0.3752	-0.0036	-0.0456
	34.032	0.0035	0.1326	-0.0025	-0.0854
6	41.438	0.0031	0.2826	-0.0012	-0.0989
	49.355	0.0027	0.3180	-0.0008	-0.1003
8	57.272	0.0027	0.3099	-0.0009	-0.0965
10	64.125	0.0028	0.3081	-0.0009	-0.0937
Area		0.0128	0.4409	-0.0543	-1.2426

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	1.405	1.405	0.433	0.433
Topping	0.011	0.011	-0.031	-0.031
Linear loads	0.212	0.212	0.036	0.036
Live load (incl. reduction factor)				
Vehicle(s)	0.705	-1.285	-0.298	-0.330
Total	2.333	0.342	0.140	0.107

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
34.36 35.86 40.36 41.86
44.36 45.86 50.36 51.86

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
11.04 12.54 17.04 18.54
21.04 22.54 27.04 28.54

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 46
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0301	-3.1451	-0.0050	-0.4762
2	10.792	-0.0291	-3.2262	-0.0045	-0.5031
	18.708	-0.0285	-3.3350	-0.0038	-0.5247
4	26.625	-0.0351	-3.0950	-0.0063	-0.5151
	34.032	-0.0506	-1.9458	-0.0179	-0.4357
6	41.438	0.0123	1.8893	-0.0371	-0.2236
	49.355	0.0826	5.4604	-0.0139	0.0330
8	57.272	0.0543	4.7121	0.0008	0.2856
10	64.125	0.0271	3.2875	0.0072	0.4828
Area		-0.0363	-6.8315	-0.6379	-16.3843

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.287	0.287	-2.663	-2.663
Topping	-0.171	-0.171	-0.410	-0.410
Linear loads	0.128	0.128	-0.007	-0.007
Live load (incl. reduction factor)				
Vehicle(s)	13.506	-8.588	-2.266	-2.193
Total	13.749	-8.344	-5.346	-5.272

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
18.03 19.53 24.03 25.53
28.03 29.53 34.03 35.53

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0267	-2.7884	-0.0045	-0.4281
2	10.792	-0.0258	-2.8598	-0.0041	-0.4521
	18.708	-0.0253	-2.9562	-0.0035	-0.4713
4	26.625	-0.0310	-2.7427	-0.0057	-0.4627
	34.032	-0.0438	-1.7196	-0.0158	-0.3917
6	41.438	0.0114	1.7004	-0.0319	-0.2013
	49.355	0.0726	4.8551	-0.0122	0.0342
8	57.272	0.0476	4.1502	0.0008	0.2663
10	64.125	0.0233	2.8715	0.0066	0.4441
Area		-0.0323	-6.0329	-0.5575	-14.5832

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.092	0.092	-2.278	-2.278
Topping	-0.151	-0.151	-0.365	-0.365
Linear loads	0.095	0.095	-0.002	-0.002
Live load (incl. reduction factor)				
Vehicle(s)	11.828	-7.520	-1.947	-1.951
Total	11.864	-7.485	-4.592	-4.596

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
43.71 45.21 49.71 51.21
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
18.03 19.53 24.03 25.53
28.03 29.53 34.03 35.53

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 48
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0146	-1.5384	-0.0027	-0.2535
2	10.792	-0.0142	-1.5757	-0.0024	-0.2672
	18.708	-0.0140	-1.6283	-0.0021	-0.2783
4	26.625	-0.0168	-1.5052	-0.0034	-0.2734
	34.032	-0.0227	-0.9213	-0.0085	-0.2320
6	41.438	0.0081	1.0402	-0.0150	-0.1177
	49.355	0.0399	2.7290	-0.0060	0.0421
8	57.272	0.0241	2.1760	0.0010	0.2011
10	64.125	0.0100	1.4107	0.0045	0.3103
Area		-0.0166	-3.2370	-0.2801	-7.9560

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.596	-0.596	-0.837	-0.837
Topping	-0.081	-0.081	-0.199	-0.199
Linear loads	-0.021	-0.021	0.019	0.019
Live load (incl. reduction factor)				
Vehicle(s)	6.334	-4.013	-0.929	-1.086
Total	5.636	-4.712	-1.945	-2.102

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
43.35 44.85 49.35 50.85
53.35 54.85 59.35 60.85

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
18.03 19.53 24.03 25.53
28.03 29.53 34.03 35.53

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 49
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 10 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	-0.0028	-0.2953	-0.0009	-0.0879
2	10.792	-0.0026	-0.2986	-0.0008	-0.0925
	18.708	-0.0026	-0.3070	-0.0008	-0.0964
4	26.625	-0.0030	-0.2720	-0.0011	-0.0951
	34.032	-0.0034	-0.1222	-0.0024	-0.0817
6	41.438	0.0048	0.3855	-0.0036	-0.0419
	49.355	0.0093	0.6100	-0.0011	0.0393
8	57.272	0.0011	0.2083	0.0011	0.1209
10	64.125	-0.0036	-0.0444	0.0023	0.1606
Area		0.0005	-0.4594	-0.0656	-2.0217

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-1.285	-1.285	0.390	0.390
Topping	-0.011	-0.011	-0.051	-0.051
Linear loads	-0.138	-0.138	0.030	0.030
Live load (incl. reduction factor)				
Vehicle(s)	1.306	-0.684	-0.322	-0.290
Total	-0.129	-2.119	0.047	0.079

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
39.52 41.02 45.52 47.02
49.52 51.02 55.52 57.02

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
26.21 27.71 32.21 33.71
2.92 4.42 8.92 10.42

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 50
date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0005	-0.0475	0.0003	0.0285
2	10.792	-0.0010	-0.0821	0.0002	0.0244
	18.708	-0.0011	-0.0987	0.0001	0.0232
4	26.625	-0.0018	-0.1992	0.0002	0.0061
	34.032	-0.0049	-0.5178	0.0000	-0.0517
6	41.438	-0.0261	-1.5787	-0.0041	-0.2420
	49.355	-0.0552	-2.0712	-0.0175	-0.5054
8	57.272	0.0294	1.8988	-0.0434	-0.7806
10	64.125	0.1474	6.3971	-0.0392	-0.9969
Area		-0.0431	-2.1769	-0.6101	-14.7117

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.338	-0.338	-2.581	-2.581
Topping	-0.054	-0.054	-0.368	-0.368
Linear loads	2.586	2.586	-0.417	-0.417
Live load (incl. reduction factor)				
Vehicle(s)	4.390	-6.801	-4.360	-3.504
Total	6.584	-4.607	-7.725	-6.870

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
37.85 39.35 43.85 45.35
47.85 49.35 53.85 55.35

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date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.0002	-0.0233	0.0003	0.0293
2	10.792	-0.0007	-0.0531	0.0002	0.0259
	18.708	-0.0008	-0.0670	0.0002	0.0251
4	26.625	-0.0014	-0.1565	0.0002	0.0100
	34.032	-0.0040	-0.4429	0.0001	-0.0418
6	41.438	-0.0228	-1.3967	-0.0036	-0.2130
	49.355	-0.0484	-1.8733	-0.0155	-0.4544
8	57.272	0.0253	1.6386	-0.0376	-0.7063
10	64.125	0.1280	5.6533	-0.0347	-0.9010
Area		-0.0388	-1.8864	-0.5329	-13.0825

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	-0.136	-0.136	-2.209	-2.209
Topping	-0.047	-0.047	-0.327	-0.327
Linear loads	2.292	2.292	-0.375	-0.375
Live load (incl. reduction factor)				
Vehicle(s)	3.770	-5.944	-3.807	-3.073
Total	5.878	-3.835	-6.719	-5.985

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
37.85 39.35 43.85 45.35
47.85 49.35 53.85 55.35

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.0006	0.0621	0.0003	0.0367
2	10.792	0.0004	0.0490	0.0003	0.0358
	18.708	0.0003	0.0447	0.0003	0.0365
4	26.625	0.0001	-0.0062	0.0004	0.0283
	34.032	-0.0010	-0.1789	0.0003	-0.0028
6	41.438	-0.0115	-0.7552	-0.0019	-0.1069
	49.355	-0.0274	-1.1752	-0.0082	-0.2697
8	57.272	0.0113	0.7217	-0.0187	-0.4389
10	64.125	0.0670	3.0317	-0.0188	-0.5573
Area		-0.0204	-0.8616	-0.2664	-7.0352

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	0.573	0.573	-0.806	-0.806
Topping	-0.022	-0.022	-0.176	-0.176
Linear loads	1.255	1.255	-0.224	-0.224
Live load (incl. reduction factor)				
Vehicle(s)	1.764	-3.314	-1.947	-1.578
Total	3.570	-1.508	-3.153	-2.784

Maximum moment : 1 vehicle(s) decisive
Location of wheels z =
53.71 55.21 59.71 61.21

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
37.85 39.35 43.85 45.35
47.85 49.35 53.85 55.35

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 11 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	0.0014	0.1479	0.0003	0.0349
2	10.792	0.0014	0.1514	0.0003	0.0360
	18.708	0.0014	0.1566	0.0003	0.0373
4	26.625	0.0016	0.1441	0.0004	0.0353
	34.032	0.0020	0.0849	0.0005	0.0243
6	41.438	-0.0006	-0.1138	-0.0002	-0.0130
	49.355	-0.0084	-0.4774	-0.0022	-0.0949
8	57.272	-0.0025	-0.1953	-0.0051	-0.1789
10	64.125	0.0108	0.4102	-0.0057	-0.2208
Area		-0.0015	0.1649	-0.0607	-1.6395

Description	Moment Max.	Moment Min.	Axial force in case of Max. mom	Axial force in case of Min. mom
Selfweight	1.283	1.283	0.397	0.397
Topping	0.004	0.004	-0.041	-0.041
Linear loads	0.218	0.218	-0.080	-0.080
Live load (incl. reduction factor)				
Vehicle(s)	0.376	-1.028	0.092	-0.531
Total	1.881	0.477	0.368	-0.255

Maximum moment : 2 vehicle(s) decisive
Location of wheels z =
18.03 19.53 24.03 25.53
28.03 29.53 34.03 35.53

Minimum moment : 2 vehicle(s) decisive
Location of wheels z =
40.19 41.69 46.19 47.69
50.19 51.69 56.19 57.69

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

LOAD ON THE WEBS

WEB	S.W.
1	5.07
2	5.01
3	4.88
4	4.79

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Summary of the results (Maximum)

Section	--- Deadload ---		----- P.T. ------		--- Live load ---	
	Moment	Ax.Frc	Moment	Ax.Frc	Moment	Ax.Frc
1 a	-3.62	0.38	0.00	0.00	0.57	0.13
1 b	-7.10	0.87	0.00	0.00	0.39	0.32
1 c	-11.87	1.64	0.00	0.00	0.03	0.09
1 right	-13.22	1.88	0.00	0.00	0.04	0.10
2 left	-6.17	2.62	0.00	0.00	-0.15	0.00
2 a	-5.23	2.40	0.00	0.00	0.44	1.56
2 b	-0.39	1.21	0.00	0.00	3.61	-0.09
2 c	0.23	1.01	0.00	0.00	4.40	-0.63
2 right	-4.44	1.81	0.00	0.00	1.20	1.08
3 left	-4.19	2.08	0.00	0.00	6.12	1.26
3 a	-3.38	1.87	0.00	0.00	6.67	1.07
3 b	0.39	0.79	0.00	0.00	4.20	0.28
3 c	0.56	0.67	0.00	0.00	4.03	0.19
3 right	-4.71	1.53	0.00	0.00	6.70	0.90
4 left	-4.95	1.28	0.00	0.00	1.20	1.01
4 a	-4.08	1.08	0.00	0.00	1.76	0.70
4 b	0.29	0.02	0.00	0.00	4.04	-0.79
4 c	0.72	-0.10	0.00	0.00	4.43	-1.00
4 right	-4.68	1.12	0.00	0.00	-0.10	0.00
5 left	-6.87	1.02	0.00	0.00	0.04	0.06
5 a	-5.84	0.83	0.00	0.00	0.03	0.05
5 b	-2.43	0.26	0.00	0.00	0.33	0.11
5 c	-0.33	0.03	0.00	0.00	0.08	0.01
6 a	-0.73	-0.46	0.00	0.00	1.35	-0.87
6 b	-0.25	-0.06	0.00	0.00	1.14	-0.49
6 c	0.82	1.25	0.00	0.00	0.06	-0.22
7 a	-1.34	0.48	0.00	0.00	0.73	-0.80
7 b	-0.79	0.78	0.00	0.00	0.61	-0.60
7 c	0.79	1.51	0.00	0.00	0.04	-0.28
8 top	-7.05	-4.04	0.00	0.00	6.85	-3.51
8 a	-6.42	-3.51	0.00	0.00	5.98	-3.08
8 b	-4.22	-1.54	0.00	0.00	3.33	-1.57
8 c	-2.02	0.16	0.00	0.00	1.01	-0.52
9 top	-0.24	-2.88	0.00	0.00	8.87	-2.23
9 a	-0.01	-2.46	0.00	0.00	7.77	-1.98
9 b	0.81	-0.88	0.00	0.00	4.15	-1.11
9 c	1.63	0.44	0.00	0.00	0.71	-0.30
10 top	0.24	-3.08	0.00	0.00	13.51	-2.27
10 a	0.04	-2.64	0.00	0.00	11.83	-1.95
10 b	-0.70	-1.02	0.00	0.00	6.33	-0.93
10 c	-1.43	0.37	0.00	0.00	1.31	-0.32
11 top	2.19	-3.37	0.00	0.00	4.39	-4.36
11 a	2.11	-2.91	0.00	0.00	3.77	-3.81
11 b	1.81	-1.21	0.00	0.00	1.76	-1.95
11 c	1.50	0.28	0.00	0.00	0.38	0.09

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Summary of the results (Minimum)

Section	--- Deadload ---		----- P.T. ------		--- Live load ---	
	Moment	Ax.Frc	Moment	Ax.Frc	Moment	Ax.Frc
1 a	-3.62	0.38	0.00	0.00	-1.93	0.20
1 b	-7.10	0.87	0.00	0.00	-6.52	0.49
1 c	-11.87	1.64	0.00	0.00	-11.58	1.06
1 right	-13.22	1.88	0.00	0.00	-13.75	1.28
2 left	-6.17	2.62	0.00	0.00	-7.88	0.01
2 a	-5.23	2.40	0.00	0.00	-6.64	-0.35
2 b	-0.39	1.21	0.00	0.00	-1.17	0.92
2 c	0.23	1.01	0.00	0.00	-1.01	0.84
2 right	-4.44	1.81	0.00	0.00	-7.44	-0.70
3 left	-4.19	2.08	0.00	0.00	-10.30	0.16
3 a	-3.38	1.87	0.00	0.00	-9.25	0.12
3 b	0.39	0.79	0.00	0.00	-2.57	-0.13
3 c	0.56	0.67	0.00	0.00	-0.97	0.04
3 right	-4.71	1.53	0.00	0.00	-10.01	0.20
4 left	-4.95	1.28	0.00	0.00	-7.49	-1.13
4 a	-4.08	1.08	0.00	0.00	-5.91	-1.18
4 b	0.29	0.02	0.00	0.00	-0.82	0.55
4 c	0.72	-0.10	0.00	0.00	-0.73	0.36
4 right	-4.68	1.12	0.00	0.00	-7.77	-0.30
5 left	-6.87	1.02	0.00	0.00	-6.64	0.82
5 a	-5.84	0.83	0.00	0.00	-5.23	0.62
5 b	-2.43	0.26	0.00	0.00	-0.59	0.16
5 c	-0.33	0.03	0.00	0.00	-0.03	0.01
6 a	-0.73	-0.46	0.00	0.00	-0.68	0.40
6 b	-0.25	-0.06	0.00	0.00	-0.58	0.40
6 c	0.82	1.25	0.00	0.00	-0.09	1.81
7 a	-1.34	0.48	0.00	0.00	-1.00	1.88
7 b	-0.79	0.78	0.00	0.00	-0.85	1.92
7 c	0.79	1.51	0.00	0.00	-0.09	1.82
8 top	-7.05	-4.04	0.00	0.00	-11.25	-4.62
8 a	-6.42	-3.51	0.00	0.00	-9.75	-4.05
8 b	-4.22	-1.54	0.00	0.00	-5.04	-2.08
8 c	-2.02	0.16	0.00	0.00	-0.83	-0.56
9 top	-0.24	-2.88	0.00	0.00	-13.17	-2.47
9 a	-0.01	-2.46	0.00	0.00	-11.54	-2.12
9 b	0.81	-0.88	0.00	0.00	-6.18	-0.95
9 c	1.63	0.44	0.00	0.00	-1.29	-0.33
10 top	0.24	-3.08	0.00	0.00	-8.59	-2.19
10 a	0.04	-2.64	0.00	0.00	-7.52	-1.95
10 b	-0.70	-1.02	0.00	0.00	-4.01	-1.09
10 c	-1.43	0.37	0.00	0.00	-0.68	-0.29
11 top	2.19	-3.37	0.00	0.00	-6.80	-3.50
11 a	2.11	-2.91	0.00	0.00	-5.94	-3.07
11 b	1.81	-1.21	0.00	0.00	-3.31	-1.58
11 c	1.50	0.28	0.00	0.00	-1.03	-0.53

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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	C	51	51
1	RIGHT	51	51
2	LEFT	51	49
2	A	51	45
2	B	51	45
2	C	51	45
2	RIGHT	51	51
3	LEFT	51	51
3	A	51	51
3	B	51	51
3	C	51	51
3	RIGHT	51	51
4	LEFT	51	51
4	A	51	51
4	B	51	43
4	C	51	41
4	RIGHT	51	51
5	LEFT	51	51
5	A	51	51
5	B	51	51
5	C	51	51
6	A	35	45
6	B	33	45
6	C	31	35
7	A	45	45
7	B	35	45
7	C	35	35
8	TOP	51	51
8	A	51	51
8	B	35	51
8	C	47	45
9	TOP	51	51
9	A	51	51
9	B	35	51
9	C	45	51
10	TOP	51	51
10	A	51	51
10	B	35	51
10	C	45	51
11	TOP	51	51
11	A	51	51
11	B	35	51
11	C	47	51

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.14391	-5.19200	0.00091	0.01861
2	5.208	0.01336	0.01298	0.00093	0.01786
3	7.708	0.00230	0.01120	0.00093	0.01751
4	10.208	0.00038	0.00953	0.00099	0.01716
5	10.792	0.00016	0.00915	0.00103	0.01708
6	11.375	-0.00004	0.00876	0.00107	0.01700
7	16.375	-0.00096	0.00543	0.00104	0.01666
8	18.708	-0.00092	0.00391	0.00087	0.01673
9	21.042	-0.00064	0.00249	0.00067	0.01686
10	26.042	-0.00013	-0.00035	0.00041	0.01691
11	26.625	-0.00010	-0.00067	0.00040	0.01689
12	27.208	-0.00007	-0.00099	0.00039	0.01687
13	32.208	0.00006	-0.00321	0.00026	0.01707
14	34.032	0.00007	-0.00370	0.00020	0.01729
15	35.855	0.00005	-0.00390	0.00015	0.01750
16	40.855	-0.00001	-0.00391	0.00009	0.01764
17	41.438	-0.00001	-0.00390	0.00008	0.01761
18	42.022	-0.00002	-0.00389	0.00008	0.01758
19	47.022	-0.00003	-0.00376	0.00006	0.01755
20	49.355	-0.00003	-0.00369	0.00005	0.01765
21	51.688	-0.00003	-0.00361	0.00004	0.01770
22	56.688	-0.00003	-0.00350	0.00005	0.01738
23	57.272	-0.00002	-0.00350	0.00005	0.01730
24	57.855	-0.00002	-0.00349	0.00006	0.01723
25	60.355	-0.00002	-0.00345	0.00008	0.01690
26	62.855	-0.00002	-0.00342	0.00009	0.01657
27	64.125	-0.00002	-0.00340	0.00010	0.01641

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 2
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.20765	-7.67440	0.00219	0.04212
2	5.208	-0.07524	-2.47338	0.00223	0.04048
3	7.708	0.01109	0.02340	0.00224	0.03971
4	10.208	0.00128	0.01988	0.00240	0.03893
5	10.792	0.00046	0.01908	0.00250	0.03875
6	11.375	-0.00020	0.01828	0.00261	0.03858
7	16.375	-0.00233	0.01142	0.00245	0.03787
8	18.708	-0.00213	0.00829	0.00202	0.03802
9	21.042	-0.00143	0.00535	0.00154	0.03832
10	26.042	-0.00027	-0.00051	0.00095	0.03843
11	26.625	-0.00021	-0.00117	0.00092	0.03838
12	27.208	-0.00015	-0.00183	0.00089	0.03833
13	32.208	0.00015	-0.00646	0.00060	0.03874
14	34.032	0.00016	-0.00750	0.00047	0.03919
15	35.855	0.00012	-0.00791	0.00036	0.03963
16	40.855	-0.00001	-0.00797	0.00022	0.03991
17	41.438	-0.00002	-0.00795	0.00021	0.03985
18	42.022	-0.00003	-0.00793	0.00021	0.03978
19	47.022	-0.00007	-0.00768	0.00017	0.03968
20	49.355	-0.00007	-0.00752	0.00013	0.03988
21	51.688	-0.00007	-0.00736	0.00011	0.03998
22	56.688	-0.00005	-0.00714	0.00013	0.03928
23	57.272	-0.00005	-0.00712	0.00014	0.03912
24	57.855	-0.00005	-0.00710	0.00015	0.03895
25	60.355	-0.00005	-0.00703	0.00018	0.03823
26	62.855	-0.00004	-0.00696	0.00022	0.03753
27	64.125	-0.00004	-0.00693	0.00023	0.03717

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 3
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 1 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.26204	-10.11912	0.00456	0.07951
2	5.208	-0.14029	-4.92975	0.00484	0.07654
3	7.708	-0.07509	-2.43881	0.00510	0.07513
4	10.208	0.00756	0.05237	0.00572	0.07374
5	10.792	0.00223	0.05022	0.00599	0.07342
6	11.375	-0.00159	0.04809	0.00623	0.07310
7	16.375	-0.00866	0.03005	0.00516	0.07182
8	18.708	-0.00697	0.02184	0.00407	0.07211
9	21.042	-0.00428	0.01410	0.00302	0.07267
10	26.042	-0.00078	-0.00139	0.00184	0.07287
11	26.625	-0.00059	-0.00314	0.00179	0.07277
12	27.208	-0.00042	-0.00486	0.00174	0.07267
13	32.208	0.00043	-0.01715	0.00118	0.07335
14	34.032	0.00047	-0.01993	0.00094	0.07414
15	35.855	0.00035	-0.02105	0.00074	0.07491
16	40.855	-0.00002	-0.02127	0.00046	0.07538
17	41.438	-0.00005	-0.02122	0.00046	0.07526
18	42.022	-0.00007	-0.02118	0.00045	0.07513
19	47.022	-0.00019	-0.02053	0.00036	0.07491
20	49.355	-0.00020	-0.02011	0.00030	0.07525
21	51.688	-0.00018	-0.01969	0.00026	0.07541
22	56.688	-0.00014	-0.01907	0.00029	0.07412
23	57.272	-0.00013	-0.01902	0.00030	0.07382
24	57.855	-0.00013	-0.01898	0.00032	0.07352
25	60.355	-0.00012	-0.01878	0.00038	0.07223
26	62.855	-0.00011	-0.01859	0.00044	0.07095
27	64.125	-0.00010	-0.01849	0.00047	0.07030

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.27461	-10.68240	0.00537	0.09069
2	5.208	-0.15570	-5.49727	0.00585	0.08734
3	7.708	-0.09363	-3.00839	0.00631	0.08575
4	10.208	-0.01861	-0.51933	0.00719	0.08418
5	10.792	0.00358	0.06158	0.00753	0.08381
6	11.375	-0.00252	0.05895	0.00781	0.08346
7	16.375	-0.01212	0.03685	0.00615	0.08201
8	18.708	-0.00930	0.02680	0.00476	0.08234
9	21.042	-0.00549	0.01732	0.00349	0.08297
10	26.042	-0.00097	-0.00167	0.00212	0.08320
11	26.625	-0.00073	-0.00381	0.00205	0.08308
12	27.208	-0.00052	-0.00593	0.00200	0.08298
13	32.208	0.00054	-0.02101	0.00136	0.08372
14	34.032	0.00059	-0.02443	0.00108	0.08461
15	35.855	0.00044	-0.02581	0.00085	0.08547
16	40.855	-0.00003	-0.02610	0.00054	0.08599
17	41.438	-0.00006	-0.02605	0.00053	0.08585
18	42.022	-0.00009	-0.02600	0.00053	0.08570
19	47.022	-0.00024	-0.02521	0.00043	0.08545
20	49.355	-0.00025	-0.02469	0.00035	0.08583
21	51.688	-0.00022	-0.02418	0.00031	0.08600
22	56.688	-0.00017	-0.02341	0.00034	0.08454
23	57.272	-0.00016	-0.02335	0.00036	0.08420
24	57.855	-0.00016	-0.02329	0.00037	0.08386
25	60.355	-0.00015	-0.02305	0.00044	0.08240
26	62.855	-0.00013	-0.02281	0.00051	0.08096
27	64.125	-0.00013	-0.02270	0.00054	0.08023

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.07505	-1.72796	0.03232	1.30033
2	5.208	-0.03144	0.04120	0.02330	0.85872
3	7.708	-0.00835	0.89027	0.01879	0.64673
4	10.208	0.02233	1.73939	0.01361	0.43476
5	10.792	0.03237	1.93757	0.01215	0.38530
6	11.375	0.01414	1.55469	0.01065	0.33605
7	16.375	-0.05815	-1.27150	0.00051	-0.04337
8	18.708	-0.06452	-2.06484	-0.00228	-0.16173
9	21.042	-0.05540	-2.23315	-0.00315	-0.20024
10	26.042	-0.02957	-1.69467	-0.00213	-0.14975
11	26.625	-0.02706	-1.60135	-0.00190	-0.13816
12	27.208	-0.02462	-1.50724	-0.00167	-0.12635
13	32.208	-0.00810	-0.76768	-0.00026	-0.03260
14	34.032	-0.00451	-0.56025	-0.00002	-0.00593
15	35.855	-0.00301	-0.43034	0.00001	0.01087
16	40.855	-0.00211	-0.25518	-0.00001	0.03270
17	41.438	-0.00206	-0.24387	0.00000	0.03396
18	42.022	-0.00201	-0.23308	0.00001	0.03515
19	47.022	-0.00166	-0.16027	0.00001	0.04409
20	49.355	-0.00157	-0.14229	-0.00004	0.04690
21	51.688	-0.00152	-0.13606	-0.00008	0.04812
22	56.688	-0.00135	-0.12634	-0.00003	0.04846
23	57.272	-0.00132	-0.12445	-0.00001	0.04842
24	57.855	-0.00129	-0.12250	0.00001	0.04838
25	60.355	-0.00116	-0.11419	0.00009	0.04822
26	62.855	-0.00104	-0.10592	0.00017	0.04807
27	64.125	-0.00097	-0.10173	0.00021	0.04800

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.06661	-1.63665	0.03050	1.23655
2	5.208	-0.02555	0.03229	0.02149	0.80604
3	7.708	-0.00402	0.83328	0.01690	0.59938
4	10.208	0.02182	1.63428	0.01171	0.39274
5	10.792	0.02934	1.82122	0.01033	0.34452
6	11.375	0.03822	2.01051	0.00894	0.29651
7	16.375	-0.04771	-0.91942	-0.00040	-0.07265
8	18.708	-0.05707	-1.76450	-0.00288	-0.18647
9	21.042	-0.05008	-1.98350	-0.00349	-0.22050
10	26.042	-0.02711	-1.54301	-0.00216	-0.16014
11	26.625	-0.02484	-1.46017	-0.00191	-0.14735
12	27.208	-0.02263	-1.37644	-0.00165	-0.13436
13	32.208	-0.00767	-0.71844	-0.00013	-0.03107
14	34.032	-0.00441	-0.53383	0.00011	-0.00162
15	35.855	-0.00304	-0.41811	0.00013	0.01696
16	40.855	-0.00220	-0.26161	0.00005	0.04114
17	41.438	-0.00216	-0.25146	0.00006	0.04252
18	42.022	-0.00211	-0.24176	0.00007	0.04384
19	47.022	-0.00179	-0.17608	0.00006	0.05372
20	49.355	-0.00170	-0.15962	0.00000	0.05684
21	51.688	-0.00165	-0.15361	-0.00005	0.05820
22	56.688	-0.00149	-0.14406	0.00001	0.05851
23	57.272	-0.00146	-0.14228	0.00003	0.05846
24	57.855	-0.00143	-0.14045	0.00005	0.05840
25	60.355	-0.00131	-0.13265	0.00014	0.05816
26	62.855	-0.00120	-0.12489	0.00023	0.05794
27	64.125	-0.00114	-0.12096	0.00028	0.05783

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.02940	-0.95521	0.01812	0.72198
2	5.208	-0.01103	-0.12330	0.01083	0.38578
3	7.708	-0.00155	0.27607	0.00705	0.22441
4	10.208	0.00840	0.67548	0.00305	0.06304
5	10.792	0.01080	0.76869	0.00207	0.02538
6	11.375	0.01331	0.86385	0.00111	-0.01208
7	16.375	0.05791	2.06795	-0.00475	-0.29361
8	18.708	0.00917	0.78945	-0.00566	-0.36829
9	21.042	-0.00311	0.14568	-0.00491	-0.36374
10	26.042	-0.00595	-0.23518	-0.00149	-0.21867
11	26.625	-0.00579	-0.24010	-0.00105	-0.19575
12	27.208	-0.00563	-0.24338	-0.00062	-0.17261
13	32.208	-0.00444	-0.27063	0.00165	0.01262
14	34.032	-0.00400	-0.27875	0.00181	0.06603
15	35.855	-0.00363	-0.28365	0.00158	0.10009
16	40.855	-0.00298	-0.28756	0.00098	0.14442
17	41.438	-0.00293	-0.28742	0.00098	0.14688
18	42.022	-0.00289	-0.28723	0.00097	0.14920
19	47.022	-0.00260	-0.28361	0.00077	0.16709
20	49.355	-0.00252	-0.28058	0.00059	0.17293
21	51.688	-0.00249	-0.27687	0.00046	0.17541
22	56.688	-0.00246	-0.26945	0.00057	0.17509
23	57.272	-0.00245	-0.26869	0.00061	0.17481
24	57.855	-0.00245	-0.26795	0.00066	0.17451
25	60.355	-0.00243	-0.26476	0.00085	0.17327
26	62.855	-0.00241	-0.26158	0.00104	0.17206
27	64.125	-0.00240	-0.25997	0.00113	0.17145

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.01671	-0.65930	0.01355	0.49840
2	5.208	-0.00794	-0.21304	0.00722	0.20584
3	7.708	-0.00344	0.00127	0.00395	0.06541
4	10.208	0.00122	0.21564	0.00051	-0.07501
5	10.792	0.00233	0.26568	-0.00032	-0.10778
6	11.375	0.00348	0.31749	-0.00113	-0.14036
7	16.375	0.02422	1.12196	-0.00582	-0.38111
8	18.708	0.05978	1.97717	-0.00616	-0.43746
9	21.042	0.02436	1.13692	-0.00489	-0.41481
10	26.042	0.00455	0.37679	-0.00065	-0.23017
11	26.625	0.00357	0.33138	-0.00013	-0.20253
12	27.208	0.00265	0.28795	0.00038	-0.17467
13	32.208	-0.00310	-0.05576	0.00290	0.04887
14	34.032	-0.00402	-0.15303	0.00296	0.11357
15	35.855	-0.00407	-0.21390	0.00256	0.15496
16	40.855	-0.00334	-0.29256	0.00164	0.20880
17	41.438	-0.00328	-0.29710	0.00162	0.21174
18	42.022	-0.00323	-0.30137	0.00160	0.21452
19	47.022	-0.00290	-0.32696	0.00126	0.23613
20	49.355	-0.00282	-0.33037	0.00101	0.24327
21	51.688	-0.00281	-0.32792	0.00085	0.24629
22	56.688	-0.00286	-0.32176	0.00097	0.24549
23	57.272	-0.00287	-0.32150	0.00103	0.24506
24	57.855	-0.00288	-0.32128	0.00109	0.24462
25	60.355	-0.00291	-0.32033	0.00133	0.24275
26	62.855	-0.00294	-0.31938	0.00156	0.24092
27	64.125	-0.00296	-0.31890	0.00168	0.23999

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.02179	0.43252	0.00050	-0.19377
2	5.208	0.00054	-0.44135	-0.00246	-0.33934
3	7.708	-0.01047	-0.86055	-0.00397	-0.40923
4	10.208	-0.02202	-1.27962	-0.00554	-0.47911
5	10.792	-0.02481	-1.37739	-0.00592	-0.49542
6	11.375	-0.02764	-1.47401	-0.00628	-0.51157
7	16.375	-0.05616	-2.03694	-0.00664	-0.61457
8	18.708	-0.06582	-1.86678	-0.00466	-0.60862
9	21.042	-0.05849	-1.04651	-0.00121	-0.52426
10	26.042	0.01902	1.89025	0.00713	-0.20483
11	26.625	0.03786	2.28889	0.00819	-0.16114
12	27.208	0.02834	2.10721	0.00917	-0.11724
13	32.208	-0.00676	0.66920	0.01083	0.23773
14	34.032	-0.01029	0.26120	0.00975	0.34165
15	35.855	-0.00961	0.00330	0.00810	0.40884
16	40.855	-0.00579	-0.34182	0.00516	0.49644
17	41.438	-0.00555	-0.36311	0.00505	0.50109
18	42.022	-0.00534	-0.38330	0.00496	0.50548
19	47.022	-0.00417	-0.51400	0.00387	0.54044
20	49.355	-0.00399	-0.54109	0.00325	0.55245
21	51.688	-0.00411	-0.54360	0.00286	0.55751
22	56.688	-0.00466	-0.54177	0.00303	0.55464
23	57.272	-0.00473	-0.54318	0.00313	0.55359
24	57.855	-0.00481	-0.54470	0.00324	0.55251
25	60.355	-0.00510	-0.55119	0.00368	0.54795
26	62.855	-0.00537	-0.55762	0.00410	0.54345
27	64.125	-0.00551	-0.56087	0.00431	0.54118

VEH: R1 - TOLL ROAD BRUG(5.75.44) page 10
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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.03367	2.76547	0.00316	0.17213
2	5.208	0.03136	2.97333	0.00258	0.16158
3	7.708	0.02998	3.07421	0.00227	0.15662
4	10.208	0.02842	3.17577	0.00195	0.15172
5	10.792	0.02802	3.19956	0.00188	0.15059
6	11.375	0.02759	3.22306	0.00182	0.14932
7	16.375	0.01993	3.38520	0.00375	0.11813
8	18.708	0.01533	3.46002	0.00610	0.09305
9	21.042	0.01524	3.58066	0.00838	0.06931
10	26.042	0.04058	3.98764	0.00957	0.04548
11	26.625	0.04892	4.04544	0.00901	0.04526
12	27.208	0.02894	3.52184	0.00837	0.04522
13	32.208	-0.05406	-0.63470	0.00390	0.05040
14	34.032	-0.06211	-1.81773	0.00245	0.05438
15	35.855	-0.05849	-2.56370	0.00134	0.05850
16	40.855	-0.04288	-3.53839	0.00012	0.06465
17	41.438	-0.04184	-3.59512	0.00013	0.06474
18	42.022	-0.04088	-3.64845	0.00014	0.06486
19	47.022	-0.03503	-3.97108	-0.00030	0.07530
20	49.355	-0.03386	-4.01682	-0.00078	0.08512
21	51.688	-0.03392	-3.98946	-0.00117	0.09429
22	56.688	-0.03513	-3.91678	-0.00109	0.10111
23	57.272	-0.03528	-3.91381	-0.00100	0.10068
24	57.855	-0.03543	-3.91123	-0.00090	0.10019
25	60.355	-0.03603	-3.90012	-0.00049	0.09814
26	62.855	-0.03658	-3.88898	-0.00011	0.09614
27	64.125	-0.03686	-3.88331	0.00008	0.09514

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.03052	2.52678	0.00296	0.16033
2	5.208	0.02858	2.72249	0.00235	0.15022
3	7.708	0.02742	2.81750	0.00204	0.14548
4	10.208	0.02610	2.91315	0.00170	0.14081
5	10.792	0.02577	2.93556	0.00162	0.13973
6	11.375	0.02540	2.95767	0.00155	0.13852
7	16.375	0.01895	3.10757	0.00330	0.10827
8	18.708	0.01558	3.17690	0.00542	0.08384
9	21.042	0.01659	3.29307	0.00741	0.06067
10	26.042	0.03870	3.69336	0.00807	0.03729
11	26.625	0.04451	3.75057	0.00755	0.03706
12	27.208	0.05168	3.80988	0.00698	0.03700
13	32.208	-0.04407	-0.34523	0.00320	0.04155
14	34.032	-0.05432	-1.52533	0.00196	0.04513
15	35.855	-0.05235	-2.26804	0.00102	0.04885
16	40.855	-0.03936	-3.23875	0.00005	0.05434
17	41.438	-0.03848	-3.29564	0.00008	0.05441
18	42.022	-0.03766	-3.34918	0.00011	0.05452
19	47.022	-0.03266	-3.67530	-0.00028	0.06535
20	49.355	-0.03162	-3.72392	-0.00079	0.07569
21	51.688	-0.03162	-3.70037	-0.00122	0.08548
22	56.688	-0.03265	-3.63629	-0.00118	0.09320
23	57.272	-0.03278	-3.63428	-0.00109	0.09283
24	57.855	-0.03292	-3.63265	-0.00099	0.09239
25	60.355	-0.03347	-3.62563	-0.00058	0.09056
26	62.855	-0.03398	-3.61857	-0.00019	0.08880
27	64.125	-0.03423	-3.61497	0.00000	0.08791

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date 11/09/2009; time 13:25:20
Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.00642	0.36226	0.00171	0.08970
2	5.208	0.00592	0.47412	0.00101	0.08327
3	7.708	0.00560	0.52851	0.00065	0.08033
4	10.208	0.00522	0.58332	0.00026	0.07746
5	10.792	0.00512	0.59617	0.00016	0.07681
6	11.375	0.00501	0.60869	0.00008	0.07604
7	16.375	0.00250	0.67360	0.00083	0.05367
8	18.708	0.00137	0.70569	0.00193	0.03482
9	21.042	0.00241	0.79372	0.00287	0.01658
10	26.042	0.01206	1.15930	0.00268	-0.00253
11	26.625	0.01379	1.21426	0.00243	-0.00282
12	27.208	0.01565	1.27177	0.00217	-0.00300
13	32.208	0.05720	2.15481	0.00047	-0.00310
14	34.032	0.01530	1.00830	0.00004	-0.00253
15	35.855	0.00159	0.30039	-0.00011	-0.00184
16	40.855	-0.00821	-0.62523	0.00043	-0.00112
17	41.438	-0.00872	-0.68283	0.00058	-0.00119
18	42.022	-0.00923	-0.73754	0.00072	-0.00117
19	47.022	-0.01216	-1.08905	0.00056	0.01363
20	49.355	-0.01229	-1.16125	-0.00027	0.02867
21	51.688	-0.01172	-1.17015	-0.00113	0.04384
22	56.688	-0.01087	-1.18047	-0.00155	0.05923
23	57.272	-0.01088	-1.18681	-0.00145	0.05932
24	57.855	-0.01089	-1.19351	-0.00134	0.05930
25	60.355	-0.01095	-1.22205	-0.00090	0.05929
26	62.855	-0.01102	-1.25041	-0.00048	0.05933
27	64.125	-0.01105	-1.26478	-0.00027	0.05937

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00220	-0.45153	0.00143	0.07593
2	5.208	-0.00236	-0.36737	0.00074	0.07083
3	7.708	-0.00248	-0.32640	0.00037	0.06852
4	10.208	-0.00264	-0.28509	-0.00002	0.06630
5	10.792	-0.00268	-0.27540	-0.00011	0.06580
6	11.375	-0.00273	-0.26605	-0.00020	0.06520
7	16.375	-0.00438	-0.22907	0.00033	0.04565
8	18.708	-0.00522	-0.20887	0.00122	0.02882
9	21.042	-0.00464	-0.12904	0.00199	0.01237
10	26.042	0.00159	0.22881	0.00182	-0.00513
11	26.625	0.00269	0.28355	0.00162	-0.00545
12	27.208	0.00386	0.34102	0.00141	-0.00566
13	32.208	0.02730	1.24447	0.00014	-0.00728
14	34.032	0.05693	1.93685	-0.00008	-0.00769
15	35.855	0.02730	1.24403	-0.00002	-0.00799
16	40.855	0.00384	0.33952	0.00096	-0.00879
17	41.438	0.00267	0.28197	0.00114	-0.00890
18	42.022	0.00157	0.22715	0.00133	-0.00890
19	47.022	-0.00467	-0.13132	0.00119	0.00749
20	49.355	-0.00526	-0.21137	0.00020	0.02432
21	51.688	-0.00442	-0.23177	-0.00087	0.04149
22	56.688	-0.00277	-0.26915	-0.00149	0.05969
23	57.272	-0.00272	-0.27856	-0.00139	0.05993
24	57.855	-0.00268	-0.28830	-0.00128	0.06006
25	60.355	-0.00252	-0.32988	-0.00083	0.06068
26	62.855	-0.00238	-0.37124	-0.00040	0.06135
27	64.125	-0.00231	-0.39219	-0.00019	0.06170

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.03595	-3.71012	0.00113	0.08119
2	5.208	-0.03506	-3.73654	0.00051	0.08191
3	7.708	-0.03455	-3.74919	0.00018	0.08241
4	10.208	-0.03398	-3.76181	-0.00018	0.08300
5	10.792	-0.03384	-3.76475	-0.00026	0.08315
6	11.375	-0.03370	-3.76807	-0.00034	0.08325
7	16.375	-0.03254	-3.84352	-0.00048	0.07520
8	18.708	-0.03251	-3.87205	-0.00021	0.06634
9	21.042	-0.03370	-3.82748	0.00013	0.05686
10	26.042	-0.03961	-3.50762	0.00034	0.04539
11	26.625	-0.04058	-3.45464	0.00031	0.04498
12	27.208	-0.04162	-3.39826	0.00028	0.04460
13	32.208	-0.05727	-2.42642	0.00124	0.03630
14	34.032	-0.06090	-1.68114	0.00219	0.03156
15	35.855	-0.05285	-0.49841	0.00349	0.02695
16	40.855	0.03016	3.65889	0.00764	0.01955
17	41.438	0.05014	4.18267	0.00825	0.01927
18	42.022	0.04180	4.12505	0.00879	0.01919
19	47.022	0.01648	3.71961	0.00721	0.04200
20	49.355	0.01658	3.59968	0.00465	0.06610
21	51.688	0.02119	3.52565	0.00207	0.09151
22	56.688	0.02893	3.36544	-0.00001	0.12132
23	57.272	0.02937	3.34219	0.00007	0.12222
24	57.855	0.02977	3.31864	0.00016	0.12298
25	60.355	0.03139	3.21804	0.00056	0.12627
26	62.855	0.03288	3.11786	0.00094	0.12959
27	64.125	0.03361	3.06706	0.00112	0.13128

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00582	-0.56507	0.00518	0.50282
2	5.208	-0.00534	-0.55245	0.00451	0.50909
3	7.708	-0.00507	-0.54627	0.00415	0.51227
4	10.208	-0.00478	-0.54002	0.00376	0.51554
5	10.792	-0.00471	-0.53855	0.00366	0.51632
6	11.375	-0.00464	-0.53719	0.00357	0.51707
7	16.375	-0.00409	-0.53943	0.00336	0.51903
8	18.708	-0.00397	-0.53710	0.00364	0.51442
9	21.042	-0.00414	-0.51016	0.00411	0.50287
10	26.042	-0.00532	-0.37978	0.00499	0.46722
11	26.625	-0.00553	-0.35963	0.00506	0.46258
12	27.208	-0.00576	-0.33837	0.00515	0.45767
13	32.208	-0.00960	0.00668	0.00783	0.36832
14	34.032	-0.01028	0.26471	0.00933	0.30063
15	35.855	-0.00676	0.67292	0.01025	0.19616
16	40.855	0.02829	2.11162	0.00826	-0.16104
17	41.438	0.03780	2.29338	0.00726	-0.20526
18	42.022	0.01896	1.89482	0.00618	-0.24926
19	47.022	-0.05866	-1.04100	-0.00258	-0.56979
20	49.355	-0.06604	-1.86070	-0.00632	-0.65379
21	51.688	-0.05642	-2.03030	-0.00854	-0.65944
22	56.688	-0.02782	-1.46662	-0.00832	-0.55798
23	57.272	-0.02496	-1.36995	-0.00794	-0.54223
24	57.855	-0.02216	-1.27214	-0.00755	-0.52632
25	60.355	-0.01046	-0.85289	-0.00589	-0.45815
26	62.855	0.00087	-0.43354	-0.00428	-0.38998
27	64.125	0.00654	-0.22049	-0.00347	-0.35535

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00546	-0.53796	0.00489	0.47576
2	5.208	-0.00503	-0.52637	0.00424	0.48158
3	7.708	-0.00480	-0.52071	0.00389	0.48453
4	10.208	-0.00454	-0.51497	0.00352	0.48758
5	10.792	-0.00448	-0.51362	0.00343	0.48831
6	11.375	-0.00442	-0.51238	0.00334	0.48901
7	16.375	-0.00396	-0.51499	0.00313	0.49079
8	18.708	-0.00386	-0.51318	0.00339	0.48633
9	21.042	-0.00401	-0.48836	0.00383	0.47518
10	26.042	-0.00496	-0.36686	0.00463	0.44058
11	26.625	-0.00513	-0.34803	0.00470	0.43608
12	27.208	-0.00532	-0.32816	0.00478	0.43130
13	32.208	-0.00813	-0.00509	0.00720	0.34462
14	34.032	-0.00799	0.23710	0.00850	0.27893
15	35.855	-0.00380	0.62089	0.00919	0.17745
16	40.855	0.02737	1.97509	0.00669	-0.16986
17	41.438	0.03426	2.14626	0.00574	-0.21288
18	42.022	0.04249	2.32049	0.00473	-0.25569
19	47.022	-0.04827	-0.71470	-0.00331	-0.56619
20	49.355	-0.05851	-1.58544	-0.00676	-0.64561
21	51.688	-0.05106	-1.80680	-0.00871	-0.64666
22	56.688	-0.02565	-1.34630	-0.00811	-0.53505
23	57.272	-0.02307	-1.26083	-0.00770	-0.51808
24	57.855	-0.02053	-1.17417	-0.00727	-0.50096
25	60.355	-0.00997	-0.80271	-0.00546	-0.42760
26	62.855	0.00025	-0.43115	-0.00370	-0.35424
27	64.125	0.00537	-0.24237	-0.00282	-0.31697

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00355	-0.37008	0.00278	0.27751
2	5.208	-0.00340	-0.36779	0.00234	0.28004
3	7.708	-0.00332	-0.36666	0.00211	0.28137
4	10.208	-0.00323	-0.36551	0.00186	0.28276
5	10.792	-0.00321	-0.36524	0.00180	0.28309
6	11.375	-0.00319	-0.36503	0.00174	0.28341
7	16.375	-0.00305	-0.37018	0.00158	0.28382
8	18.708	-0.00305	-0.37147	0.00171	0.28057
9	21.042	-0.00313	-0.36167	0.00194	0.27246
10	26.042	-0.00352	-0.30691	0.00228	0.24649
11	26.625	-0.00359	-0.29819	0.00230	0.24304
12	27.208	-0.00366	-0.28895	0.00232	0.23939
13	32.208	-0.00455	-0.13531	0.00341	0.17471
14	34.032	-0.00412	-0.01830	0.00388	0.12569
15	35.855	-0.00186	0.16835	0.00379	0.04938
16	40.855	0.01099	0.82903	0.00074	-0.21399
17	41.438	0.01303	0.91265	0.00011	-0.24680
18	42.022	0.01521	0.99859	-0.00053	-0.27939
19	47.022	0.05781	2.13846	-0.00604	-0.50426
20	49.355	0.00873	0.84147	-0.00816	-0.54460
21	51.688	-0.00350	0.18668	-0.00869	-0.50626
22	56.688	-0.00623	-0.21814	-0.00533	-0.30741
23	57.272	-0.00609	-0.22659	-0.00462	-0.28002
24	57.855	-0.00595	-0.23345	-0.00389	-0.25246
25	60.355	-0.00549	-0.26281	-0.00088	-0.13435
26	62.855	-0.00510	-0.29211	0.00204	-0.01624
27	64.125	-0.00491	-0.30698	0.00350	0.04375

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00288	-0.30431	0.00201	0.20231
2	5.208	-0.00282	-0.30652	0.00166	0.20363
3	7.708	-0.00279	-0.30758	0.00148	0.20435
4	10.208	-0.00276	-0.30864	0.00128	0.20511
5	10.792	-0.00275	-0.30889	0.00123	0.20530
6	11.375	-0.00274	-0.30917	0.00118	0.20548
7	16.375	-0.00270	-0.31555	0.00104	0.20537
8	18.708	-0.00272	-0.31811	0.00114	0.20262
9	21.042	-0.00280	-0.31479	0.00130	0.19581
10	26.042	-0.00313	-0.28942	0.00150	0.17367
11	26.625	-0.00318	-0.28518	0.00151	0.17071
12	27.208	-0.00323	-0.28066	0.00152	0.16757
13	32.208	-0.00397	-0.20222	0.00223	0.11277
14	34.032	-0.00393	-0.14142	0.00250	0.07128
15	35.855	-0.00300	-0.04420	0.00228	0.00649
16	40.855	0.00276	0.29944	-0.00056	-0.21808
17	41.438	0.00368	0.34287	-0.00109	-0.24613
18	42.022	0.00466	0.38828	-0.00164	-0.27397
19	47.022	0.02450	1.14836	-0.00637	-0.45903
20	49.355	0.05993	1.98862	-0.00801	-0.48122
21	51.688	0.02438	1.13342	-0.00797	-0.42452
22	56.688	0.00360	0.32890	-0.00345	-0.18481
23	57.272	0.00244	0.27709	-0.00260	-0.15252
24	57.855	0.00133	0.22706	-0.00174	-0.12006
25	60.355	-0.00339	0.01265	0.00183	0.01907
26	62.855	-0.00800	-0.20171	0.00528	0.15820
27	64.125	-0.01031	-0.31060	0.00700	0.22888

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00056	-0.06727	0.00015	0.01680
2	5.208	-0.00081	-0.08426	0.00006	0.01552
3	7.708	-0.00094	-0.09252	0.00002	0.01492
4	10.208	-0.00107	-0.10083	-0.00003	0.01432
5	10.792	-0.00110	-0.10278	-0.00004	0.01418
6	11.375	-0.00113	-0.10467	-0.00006	0.01404
7	16.375	-0.00131	-0.11440	-0.00009	0.01299
8	18.708	-0.00137	-0.12064	-0.00008	0.01190
9	21.042	-0.00146	-0.13864	-0.00007	0.00930
10	26.042	-0.00182	-0.21156	-0.00014	0.00013
11	26.625	-0.00187	-0.22237	-0.00015	-0.00116
12	27.208	-0.00192	-0.23370	-0.00017	-0.00251
13	32.208	-0.00282	-0.40926	-0.00028	-0.02442
14	34.032	-0.00432	-0.53945	-0.00042	-0.04094
15	35.855	-0.00789	-0.74721	-0.00077	-0.06731
16	40.855	-0.02434	-1.48764	-0.00245	-0.16091
17	41.438	-0.02676	-1.58184	-0.00270	-0.17278
18	42.022	-0.02926	-1.67524	-0.00296	-0.18444
19	47.022	-0.05489	-2.21480	-0.00449	-0.23478
20	49.355	-0.06389	-2.04713	-0.00401	-0.19587
21	51.688	-0.05748	-1.25442	-0.00152	-0.07722
22	56.688	0.01459	1.57096	0.00856	0.30171
23	57.272	0.03275	1.95378	0.01014	0.35080
24	57.855	0.02264	1.75559	0.01167	0.40009
25	60.355	-0.00859	0.90627	0.01699	0.61133
26	62.855	-0.03318	0.05701	0.02182	0.82256
27	64.125	-0.04524	-0.37443	0.02429	0.92987

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00011	-0.01978	0.00041	0.04320
2	5.208	-0.00013	-0.02020	0.00035	0.04461
3	7.708	-0.00014	-0.02041	0.00032	0.04531
4	10.208	-0.00015	-0.02063	0.00029	0.04602
5	10.792	-0.00015	-0.02069	0.00028	0.04619
6	11.375	-0.00015	-0.02074	0.00028	0.04635
7	16.375	-0.00020	-0.02146	0.00025	0.04713
8	18.708	-0.00023	-0.02194	0.00027	0.04709
9	21.042	-0.00022	-0.02242	0.00030	0.04694
10	26.042	-0.00008	-0.02312	0.00035	0.04701
11	26.625	-0.00005	-0.02317	0.00035	0.04707
12	27.208	-0.00002	-0.02321	0.00035	0.04712
13	32.208	0.00041	-0.02290	0.00052	0.04662
14	34.032	0.00055	-0.02163	0.00064	0.04607
15	35.855	0.00050	-0.01855	0.00079	0.04550
16	40.855	-0.00048	-0.00507	0.00117	0.04483
17	41.438	-0.00067	-0.00318	0.00120	0.04486
18	42.022	-0.00089	-0.00127	0.00124	0.04489
19	47.022	-0.00509	0.01567	0.00212	0.04470
20	49.355	-0.00873	0.02412	0.00301	0.04442
21	51.688	-0.01154	0.03305	0.00407	0.04430
22	56.688	-0.00259	0.05267	0.00555	0.04501
23	57.272	0.00336	0.05501	0.00530	0.04517
24	57.855	-0.01899	-0.52609	0.00500	0.04534
25	60.355	-0.09521	-3.01640	0.00423	0.04604
26	62.855	-0.16036	-5.50656	0.00388	0.04675
27	64.125	-0.19266	-6.77157	0.00377	0.04711

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00009	-0.01572	0.00033	0.03517
2	5.208	-0.00010	-0.01605	0.00029	0.03633
3	7.708	-0.00011	-0.01622	0.00026	0.03690
4	10.208	-0.00012	-0.01640	0.00023	0.03749
5	10.792	-0.00012	-0.01644	0.00023	0.03762
6	11.375	-0.00012	-0.01649	0.00022	0.03776
7	16.375	-0.00016	-0.01705	0.00020	0.03839
8	18.708	-0.00018	-0.01743	0.00022	0.03836
9	21.042	-0.00017	-0.01781	0.00024	0.03823
10	26.042	-0.00006	-0.01837	0.00028	0.03828
11	26.625	-0.00004	-0.01841	0.00028	0.03833
12	27.208	-0.00002	-0.01845	0.00028	0.03837
13	32.208	0.00032	-0.01821	0.00041	0.03795
14	34.032	0.00042	-0.01721	0.00052	0.03750
15	35.855	0.00039	-0.01478	0.00064	0.03702
16	40.855	-0.00037	-0.00410	0.00094	0.03646
17	41.438	-0.00053	-0.00260	0.00097	0.03649
18	42.022	-0.00070	-0.00109	0.00101	0.03651
19	47.022	-0.00387	0.01233	0.00170	0.03635
20	49.355	-0.00638	0.01903	0.00238	0.03613
21	51.688	-0.00807	0.02612	0.00316	0.03604
22	56.688	-0.00166	0.04167	0.00407	0.03662
23	57.272	0.00202	0.04352	0.00385	0.03675
24	57.855	0.00717	0.04537	0.00361	0.03688
25	60.355	-0.07667	-2.44707	0.00310	0.03746
26	62.855	-0.14502	-4.93928	0.00291	0.03805
27	64.125	-0.17838	-6.20533	0.00286	0.03835

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00003	-0.00446	0.00011	0.01120
2	5.208	-0.00003	-0.00456	0.00009	0.01158
3	7.708	-0.00003	-0.00460	0.00008	0.01177
4	10.208	-0.00003	-0.00465	0.00007	0.01197
5	10.792	-0.00003	-0.00467	0.00007	0.01201
6	11.375	-0.00004	-0.00468	0.00007	0.01206
7	16.375	-0.00005	-0.00484	0.00006	0.01227
8	18.708	-0.00005	-0.00494	0.00006	0.01225
9	21.042	-0.00005	-0.00505	0.00007	0.01220
10	26.042	-0.00002	-0.00521	0.00008	0.01221
11	26.625	-0.00001	-0.00522	0.00008	0.01223
12	27.208	-0.00001	-0.00523	0.00008	0.01224
13	32.208	0.00008	-0.00518	0.00012	0.01209
14	34.032	0.00011	-0.00490	0.00016	0.01193
15	35.855	0.00010	-0.00423	0.00020	0.01176
16	40.855	-0.00010	-0.00125	0.00030	0.01156
17	41.438	-0.00014	-0.00084	0.00030	0.01157
18	42.022	-0.00019	-0.00041	0.00031	0.01158
19	47.022	-0.00098	0.00334	0.00053	0.01153
20	49.355	-0.00149	0.00522	0.00071	0.01146
21	51.688	-0.00166	0.00721	0.00089	0.01143
22	56.688	-0.00024	0.01157	0.00094	0.01163
23	57.272	0.00025	0.01207	0.00087	0.01167
24	57.855	0.00088	0.01258	0.00079	0.01171
25	60.355	0.00925	0.01484	0.00070	0.01191
26	62.855	-0.08136	-2.48324	0.00072	0.01210
27	64.125	-0.12065	-3.75215	0.00073	0.01220

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00001	-0.00086	0.00001	0.00112
2	5.208	-0.00001	-0.00088	0.00001	0.00116
3	7.708	-0.00001	-0.00089	0.00001	0.00118
4	10.208	-0.00001	-0.00090	0.00001	0.00120
5	10.792	-0.00001	-0.00090	0.00001	0.00121
6	11.375	-0.00001	-0.00090	0.00001	0.00121
7	16.375	-0.00001	-0.00093	0.00001	0.00123
8	18.708	-0.00001	-0.00095	0.00001	0.00123
9	21.042	-0.00001	-0.00097	0.00001	0.00123
10	26.042	0.00000	-0.00100	0.00001	0.00123
11	26.625	0.00000	-0.00100	0.00001	0.00123
12	27.208	0.00000	-0.00101	0.00001	0.00123
13	32.208	0.00001	-0.00100	0.00001	0.00121
14	34.032	0.00002	-0.00095	0.00002	0.00120
15	35.855	0.00002	-0.00082	0.00002	0.00118
16	40.855	-0.00002	-0.00027	0.00003	0.00115
17	41.438	-0.00003	-0.00019	0.00003	0.00116
18	42.022	-0.00003	-0.00012	0.00003	0.00116
19	47.022	-0.00018	0.00058	0.00005	0.00115
20	49.355	-0.00025	0.00093	0.00007	0.00114
21	51.688	-0.00026	0.00131	0.00009	0.00114
22	56.688	-0.00004	0.00212	0.00008	0.00116
23	57.272	0.00000	0.00221	0.00007	0.00117
24	57.855	0.00005	0.00231	0.00006	0.00117
25	60.355	0.00065	0.00271	0.00005	0.00119
26	62.855	0.00677	0.00319	0.00006	0.00121
27	64.125	-0.04788	-1.26684	0.00006	0.00122

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.01186	0.69709	-0.02489	-1.14041
2	5.208	0.00986	0.61722	-0.01523	-0.71358
3	7.708	0.00882	0.57891	-0.01022	-0.50869
4	10.208	0.00768	0.54062	-0.00482	-0.30379
5	10.792	0.00737	0.53169	-0.00345	-0.25597
6	11.375	0.00705	0.52195	-0.00210	-0.20836
7	16.375	0.00322	0.31862	0.00595	0.15841
8	18.708	0.00077	0.16149	0.00749	0.27180
9	21.042	-0.00138	0.01190	0.00712	0.30574
10	26.042	-0.00358	-0.15100	0.00452	0.24486
11	26.625	-0.00362	-0.15503	0.00420	0.23197
12	27.208	-0.00365	-0.15822	0.00388	0.21886
13	32.208	-0.00345	-0.18489	0.00161	0.11651
14	34.032	-0.00320	-0.19300	0.00106	0.08809
15	35.855	-0.00288	-0.19820	0.00077	0.07051
16	40.855	-0.00221	-0.20369	0.00048	0.04708
17	41.438	-0.00217	-0.20378	0.00046	0.04555
18	42.022	-0.00213	-0.20383	0.00045	0.04410
19	47.022	-0.00185	-0.20247	0.00034	0.03419
20	49.355	-0.00179	-0.20063	0.00032	0.03167
21	51.688	-0.00177	-0.19810	0.00032	0.03067
22	56.688	-0.00178	-0.19292	0.00031	0.02899
23	57.272	-0.00177	-0.19241	0.00030	0.02870
24	57.855	-0.00177	-0.19189	0.00030	0.02839
25	60.355	-0.00177	-0.18971	0.00028	0.02709
26	62.855	-0.00176	-0.18753	0.00027	0.02579
27	64.125	-0.00176	-0.18643	0.00026	0.02514

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.00984	0.61204	-0.02213	-1.02543
2	5.208	0.00821	0.53850	-0.01291	-0.61814
3	7.708	0.00736	0.50322	-0.00811	-0.42261
4	10.208	0.00647	0.46796	-0.00298	-0.22708
5	10.792	0.00625	0.45973	-0.00171	-0.18145
6	11.375	0.00602	0.45081	-0.00045	-0.13603
7	16.375	0.00284	0.27140	0.00708	0.21133
8	18.708	0.00075	0.13465	0.00845	0.31538
9	21.042	-0.00112	0.00542	0.00792	0.34019
10	26.042	-0.00303	-0.13370	0.00492	0.26096
11	26.625	-0.00307	-0.13694	0.00454	0.24602
12	27.208	-0.00309	-0.13944	0.00417	0.23089
13	32.208	-0.00294	-0.16036	0.00153	0.11251
14	34.032	-0.00273	-0.16672	0.00091	0.07958
15	35.855	-0.00246	-0.17076	0.00060	0.05919
16	40.855	-0.00189	-0.17487	0.00032	0.03214
17	41.438	-0.00185	-0.17490	0.00030	0.03041
18	42.022	-0.00182	-0.17491	0.00029	0.02876
19	47.022	-0.00158	-0.17352	0.00019	0.01772
20	49.355	-0.00153	-0.17191	0.00017	0.01508
21	51.688	-0.00152	-0.16975	0.00017	0.01424
22	56.688	-0.00152	-0.16532	0.00016	0.01288
23	57.272	-0.00152	-0.16488	0.00015	0.01259
24	57.855	-0.00152	-0.16444	0.00015	0.01230
25	60.355	-0.00151	-0.16255	0.00013	0.01104
26	62.855	-0.00150	-0.16068	0.00012	0.00979
27	64.125	-0.00150	-0.15973	0.00011	0.00915

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 6 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00096	0.03861	-0.00882	-0.34992
2	5.208	0.00046	0.01247	-0.00262	-0.06517
3	7.708	0.00020	-0.00009	0.00058	0.07156
4	10.208	-0.00007	-0.01264	0.00393	0.20834
5	10.792	-0.00014	-0.01557	0.00474	0.24026
6	11.375	-0.00020	-0.01848	0.00554	0.27193
7	16.375	-0.00063	-0.03898	0.01085	0.49498
8	18.708	-0.00071	-0.04297	0.01181	0.53805
9	21.042	-0.00064	-0.03982	0.01092	0.50308
10	26.042	-0.00027	-0.02187	0.00608	0.30587
11	26.625	-0.00021	-0.01934	0.00537	0.27805
12	27.208	-0.00016	-0.01679	0.00466	0.25013
13	32.208	0.00018	0.00333	-0.00005	0.03022
14	34.032	0.00023	0.00903	-0.00101	-0.03157
15	35.855	0.00024	0.01258	-0.00134	-0.07000
16	40.855	0.00020	0.01718	-0.00136	-0.11986
17	41.438	0.00019	0.01745	-0.00135	-0.12283
18	42.022	0.00019	0.01769	-0.00135	-0.12564
19	47.022	0.00017	0.01918	-0.00130	-0.14290
20	49.355	0.00017	0.01937	-0.00129	-0.14569
21	51.688	0.00017	0.01921	-0.00127	-0.14489
22	56.688	0.00017	0.01884	-0.00128	-0.14276
23	57.272	0.00017	0.01883	-0.00128	-0.14281
24	57.855	0.00017	0.01882	-0.00128	-0.14288
25	60.355	0.00017	0.01876	-0.00130	-0.14318
26	62.855	0.00017	0.01871	-0.00131	-0.14347
27	64.125	0.00017	0.01868	-0.00131	-0.14361

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.00200	0.20968	-0.00378	-0.39512
2	5.208	0.00201	0.21459	-0.00374	-0.40003
3	7.708	0.00202	0.21696	-0.00371	-0.40240
4	10.208	0.00202	0.21935	-0.00368	-0.40478
5	10.792	0.00202	0.21991	-0.00367	-0.40534
6	11.375	0.00202	0.22047	-0.00366	-0.40592
7	16.375	0.00200	0.22652	-0.00360	-0.41518
8	18.708	0.00201	0.22937	-0.00361	-0.41912
9	21.042	0.00209	0.23079	-0.00374	-0.41700
10	26.042	0.00246	0.22900	-0.00432	-0.39337
11	26.625	0.00251	0.22843	-0.00441	-0.38927
12	27.208	0.00257	0.22779	-0.00450	-0.38487
13	32.208	0.00347	0.21265	-0.00587	-0.30644
14	34.032	0.00384	0.20008	-0.00612	-0.24549
15	35.855	0.00401	0.18031	-0.00538	-0.14862
16	40.855	0.00330	0.11280	0.00075	0.19128
17	41.438	0.00308	0.10447	0.00188	0.23403
18	42.022	0.00284	0.09533	0.00302	0.27675
19	47.022	-0.00050	-0.10371	0.00980	0.60960
20	49.355	-0.00286	-0.25966	0.01113	0.71266
21	51.688	-0.00510	-0.40880	0.01081	0.73863
22	56.688	-0.00768	-0.57114	0.00827	0.65634
23	57.272	-0.00777	-0.57507	0.00793	0.64028
24	57.855	-0.00785	-0.57815	0.00759	0.62392
25	60.355	-0.00818	-0.59135	0.00616	0.55384
26	62.855	-0.00851	-0.60457	0.00477	0.48380
27	64.125	-0.00867	-0.61128	0.00407	0.44824

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.00174	0.18377	-0.00336	-0.35334
2	5.208	0.00175	0.18803	-0.00332	-0.35729
3	7.708	0.00175	0.19009	-0.00330	-0.35920
4	10.208	0.00176	0.19216	-0.00328	-0.36111
5	10.792	0.00176	0.19264	-0.00327	-0.36155
6	11.375	0.00176	0.19313	-0.00327	-0.36203
7	16.375	0.00175	0.19843	-0.00322	-0.37012
8	18.708	0.00177	0.20095	-0.00324	-0.37357
9	21.042	0.00183	0.20222	-0.00334	-0.37134
10	26.042	0.00212	0.20071	-0.00381	-0.34864
11	26.625	0.00217	0.20021	-0.00388	-0.34472
12	27.208	0.00221	0.19966	-0.00396	-0.34054
13	32.208	0.00290	0.18638	-0.00500	-0.26638
14	34.032	0.00318	0.17520	-0.00508	-0.20872
15	35.855	0.00329	0.15742	-0.00423	-0.11687
16	40.855	0.00271	0.09609	0.00189	0.20632
17	41.438	0.00255	0.08848	0.00296	0.24704
18	42.022	0.00238	0.08016	0.00403	0.28772
19	47.022	-0.00039	-0.09493	0.01043	0.60238
20	49.355	-0.00241	-0.23048	0.01162	0.69651
21	51.688	-0.00434	-0.35924	0.01112	0.71348
22	56.688	-0.00656	-0.49773	0.00810	0.61257
23	57.272	-0.00664	-0.50085	0.00770	0.59441
24	57.855	-0.00671	-0.50323	0.00729	0.57596
25	60.355	-0.00700	-0.51345	0.00559	0.49691
26	62.855	-0.00728	-0.52368	0.00394	0.41790
27	64.125	-0.00743	-0.52887	0.00311	0.37777

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.00017	0.01786	-0.00127	-0.13786
2	5.208	0.00017	0.01799	-0.00125	-0.13738
3	7.708	0.00016	0.01806	-0.00124	-0.13715
4	10.208	0.00016	0.01812	-0.00123	-0.13691
5	10.792	0.00016	0.01813	-0.00122	-0.13685
6	11.375	0.00016	0.01815	-0.00122	-0.13681
7	16.375	0.00016	0.01854	-0.00122	-0.13904
8	18.708	0.00016	0.01870	-0.00123	-0.13988
9	21.042	0.00017	0.01851	-0.00125	-0.13713
10	26.042	0.00018	0.01704	-0.00130	-0.11997
11	26.625	0.00019	0.01679	-0.00130	-0.11718
12	27.208	0.00019	0.01653	-0.00131	-0.11422
13	32.208	0.00023	0.01195	-0.00129	-0.06447
14	34.032	0.00023	0.00840	-0.00096	-0.02608
15	35.855	0.00017	0.00271	0.00000	0.03567
16	40.855	-0.00016	-0.01741	0.00471	0.25551
17	41.438	-0.00022	-0.01996	0.00542	0.28342
18	42.022	-0.00027	-0.02249	0.00613	0.31123
19	47.022	-0.00065	-0.04043	0.01099	0.50838
20	49.355	-0.00072	-0.04358	0.01189	0.54331
21	51.688	-0.00064	-0.03959	0.01094	0.50020
22	56.688	-0.00021	-0.01908	0.00560	0.27708
23	57.272	-0.00014	-0.01617	0.00479	0.24540
24	57.855	-0.00008	-0.01324	0.00398	0.21348
25	60.355	0.00020	-0.00068	0.00059	0.07667
26	62.855	0.00046	0.01188	-0.00269	-0.06011
27	64.125	0.00060	0.01826	-0.00434	-0.12959

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 8 section top appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.19956	-8.95443	-0.03711	-1.12187
2	5.208	-0.12425	-5.53847	-0.03828	-0.95735
3	7.708	-0.08528	-3.89866	-0.04106	-0.87847
4	10.208	-0.04093	-2.25871	-0.04353	-0.79960
5	10.792	-0.02878	-1.87598	-0.04340	-0.78117
6	11.375	-0.01666	-1.49574	-0.04266	-0.76267
7	16.375	0.04603	1.30835	-0.02533	-0.59178
8	18.708	0.05522	2.09165	-0.01756	-0.50620
9	21.042	0.04991	2.25047	-0.01149	-0.42226
10	26.042	0.02860	1.69299	-0.00458	-0.26025
11	26.625	0.02633	1.59754	-0.00408	-0.24297
12	27.208	0.02410	1.50130	-0.00361	-0.22584
13	32.208	0.00865	0.74667	-0.00056	-0.09084
14	34.032	0.00510	0.53582	0.00003	-0.05281
15	35.855	0.00345	0.40452	0.00021	-0.02896
16	40.855	0.00208	0.22908	0.00016	0.00289
17	41.438	0.00200	0.21782	0.00016	0.00489
18	42.022	0.00192	0.20708	0.00015	0.00678
19	47.022	0.00143	0.13506	0.00013	0.01924
20	49.355	0.00133	0.11760	0.00013	0.02199
21	51.688	0.00130	0.11188	0.00014	0.02254
22	56.688	0.00119	0.10293	0.00018	0.02309
23	57.272	0.00116	0.10110	0.00018	0.02330
24	57.855	0.00113	0.09921	0.00019	0.02353
25	60.355	0.00102	0.09114	0.00021	0.02448
26	62.855	0.00090	0.08311	0.00023	0.02543
27	64.125	0.00085	0.07904	0.00025	0.02591

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.17492	-7.93671	-0.03309	-1.01263
2	5.208	-0.10773	-4.88804	-0.03377	-0.86455
3	7.708	-0.07300	-3.42453	-0.03593	-0.79355
4	10.208	-0.03476	-1.96092	-0.03776	-0.72257
5	10.792	-0.02480	-1.61935	-0.03760	-0.70600
6	11.375	-0.01488	-1.28010	-0.03695	-0.68933
7	16.375	0.04001	1.20696	-0.02219	-0.53339
8	18.708	0.04844	1.89040	-0.01549	-0.45425
9	21.042	0.04390	2.01573	-0.01020	-0.37659
10	26.042	0.02500	1.49841	-0.00408	-0.22865
11	26.625	0.02299	1.41253	-0.00363	-0.21309
12	27.208	0.02102	1.32603	-0.00320	-0.19768
13	32.208	0.00735	0.64756	-0.00045	-0.07621
14	34.032	0.00423	0.45789	0.00009	-0.04200
15	35.855	0.00278	0.33976	0.00025	-0.02055
16	40.855	0.00161	0.18206	0.00020	0.00803
17	41.438	0.00155	0.17197	0.00020	0.00982
18	42.022	0.00148	0.16236	0.00019	0.01151
19	47.022	0.00106	0.09807	0.00017	0.02256
20	49.355	0.00098	0.08268	0.00017	0.02492
21	51.688	0.00096	0.07788	0.00018	0.02530
22	56.688	0.00086	0.07050	0.00021	0.02561
23	57.272	0.00084	0.06892	0.00022	0.02579
24	57.855	0.00081	0.06729	0.00022	0.02598
25	60.355	0.00071	0.06033	0.00024	0.02678
26	62.855	0.00061	0.05340	0.00026	0.02758
27	64.125	0.00056	0.04988	0.00027	0.02798

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.09380	-4.34987	-0.01873	-0.62299
2	5.208	-0.05593	-2.59569	-0.01818	-0.53308
3	7.708	-0.03642	-1.75357	-0.01860	-0.48995
4	10.208	-0.01597	-0.91139	-0.01881	-0.44684
5	10.792	-0.01104	-0.71485	-0.01862	-0.43678
6	11.375	-0.00617	-0.52003	-0.01825	-0.42661
7	16.375	0.02317	0.84956	-0.01142	-0.32377
8	18.708	0.02739	1.18092	-0.00818	-0.26764
9	21.042	0.02422	1.18806	-0.00551	-0.21241
10	26.042	0.01276	0.81230	-0.00211	-0.11439
11	26.625	0.01160	0.76014	-0.00185	-0.10489
12	27.208	0.01048	0.70799	-0.00159	-0.09553
13	32.208	0.00279	0.29818	0.00006	-0.02168
14	34.032	0.00111	0.18330	0.00037	-0.00085
15	35.855	0.00040	0.11166	0.00045	0.01219
16	40.855	-0.00003	0.01664	0.00038	0.02935
17	41.438	-0.00005	0.01068	0.00037	0.03039
18	42.022	-0.00007	0.00502	0.00037	0.03137
19	47.022	-0.00021	-0.03204	0.00033	0.03752
20	49.355	-0.00023	-0.04020	0.00033	0.03859
21	51.688	-0.00024	-0.04183	0.00033	0.03844
22	56.688	-0.00029	-0.04378	0.00035	0.03795
23	57.272	-0.00030	-0.04447	0.00035	0.03799
24	57.855	-0.00031	-0.04520	0.00035	0.03804
25	60.355	-0.00037	-0.04829	0.00036	0.03826
26	62.855	-0.00042	-0.05138	0.00036	0.03847
27	64.125	-0.00045	-0.05294	0.00037	0.03858

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.01750	-0.76327	-0.00591	-0.24271
2	5.208	-0.00825	-0.30340	-0.00545	-0.21090
3	7.708	-0.00349	-0.08260	-0.00533	-0.19563
4	10.208	0.00136	0.13822	-0.00513	-0.18037
5	10.792	0.00248	0.18976	-0.00502	-0.17681
6	11.375	0.00357	0.24018	-0.00489	-0.17314
7	16.375	0.00893	0.49234	-0.00308	-0.12464
8	18.708	0.00829	0.47158	-0.00215	-0.09282
9	21.042	0.00577	0.36048	-0.00134	-0.06130
10	26.042	0.00088	0.12624	-0.00022	-0.01439
11	26.625	0.00053	0.10780	-0.00013	-0.01094
12	27.208	0.00019	0.09002	-0.00005	-0.00762
13	32.208	-0.00181	-0.05107	0.00046	0.01881
14	34.032	-0.00210	-0.09115	0.00053	0.02634
15	35.855	-0.00206	-0.11630	0.00052	0.03106
16	40.855	-0.00169	-0.14868	0.00042	0.03707
17	41.438	-0.00166	-0.15051	0.00041	0.03740
18	42.022	-0.00163	-0.15223	0.00040	0.03771
19	47.022	-0.00147	-0.16218	0.00036	0.03940
20	49.355	-0.00143	-0.16318	0.00035	0.03947
21	51.688	-0.00142	-0.16172	0.00035	0.03907
22	56.688	-0.00143	-0.15833	0.00035	0.03821
23	57.272	-0.00143	-0.15814	0.00035	0.03815
24	57.855	-0.00144	-0.15797	0.00035	0.03810
25	60.355	-0.00145	-0.15722	0.00035	0.03787
26	62.855	-0.00145	-0.15648	0.00035	0.03764
27	64.125	-0.00146	-0.15610	0.00035	0.03752

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 9 section top appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.01188	-2.33295	0.01010	0.57623
2	5.208	-0.03081	-3.41467	0.00581	0.42650
3	7.708	-0.04044	-3.93477	0.00356	0.35471
4	10.208	-0.05044	-4.45539	0.00119	0.28296
5	10.792	-0.05283	-4.57695	0.00062	0.26623
6	11.375	-0.05524	-4.69707	0.00002	0.24942
7	16.375	-0.07609	-5.42214	-0.00777	0.09366
8	18.708	-0.08115	-5.32680	-0.01406	0.01436
9	21.042	-0.07374	-4.62718	-0.02149	-0.06545
10	26.042	-0.02156	-2.09739	-0.03676	-0.22433
11	26.625	-0.01106	-1.75655	-0.03722	-0.24160
12	27.208	-0.00060	-1.41463	-0.03706	-0.25883
13	32.208	0.04731	1.30390	-0.02355	-0.40626
14	34.032	0.05182	2.07893	-0.01810	-0.45322
15	35.855	0.04888	2.56700	-0.01341	-0.48605
16	40.855	0.03709	3.19658	-0.00683	-0.53078
17	41.438	0.03629	3.23201	-0.00647	-0.53291
18	42.022	0.03554	3.26515	-0.00614	-0.53483
19	47.022	0.03086	3.45708	-0.00426	-0.54424
20	49.355	0.02986	3.47572	-0.00400	-0.54298
21	51.688	0.02981	3.44586	-0.00415	-0.53740
22	56.688	0.03047	3.37501	-0.00464	-0.52336
23	57.272	0.03055	3.37064	-0.00467	-0.52192
24	57.855	0.03062	3.36653	-0.00471	-0.52049
25	60.355	0.03093	3.34893	-0.00486	-0.51439
26	62.855	0.03121	3.33136	-0.00500	-0.50831
27	64.125	0.03135	3.32244	-0.00507	-0.50523

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00982	-2.01637	0.00920	0.52857
2	5.208	-0.02666	-2.98731	0.00533	0.39356
3	7.708	-0.03523	-3.45414	0.00330	0.32883
4	10.208	-0.04411	-3.92144	0.00117	0.26415
5	10.792	-0.04623	-4.03056	0.00065	0.24906
6	11.375	-0.04837	-4.13847	0.00012	0.23389
7	16.375	-0.06692	-4.80548	-0.00680	0.09123
8	18.708	-0.07125	-4.73692	-0.01227	0.01757
9	21.042	-0.06436	-4.12838	-0.01867	-0.05651
10	26.042	-0.01872	-1.88689	-0.03159	-0.20175
11	26.625	-0.01029	-1.58291	-0.03198	-0.21730
12	27.208	-0.00188	-1.27788	-0.03188	-0.23279
13	32.208	0.04033	1.14656	-0.02063	-0.36526
14	34.032	0.04487	1.83733	-0.01598	-0.40737
15	35.855	0.04272	2.27202	-0.01193	-0.43676
16	40.855	0.03274	2.83229	-0.00616	-0.47673
17	41.438	0.03205	2.86383	-0.00584	-0.47863
18	42.022	0.03141	2.89333	-0.00555	-0.48035
19	47.022	0.02736	3.06416	-0.00388	-0.48878
20	49.355	0.02649	3.08076	-0.00363	-0.48766
21	51.688	0.02643	3.05424	-0.00376	-0.48270
22	56.688	0.02699	2.99146	-0.00418	-0.47020
23	57.272	0.02705	2.98761	-0.00421	-0.46892
24	57.855	0.02712	2.98399	-0.00425	-0.46765
25	60.355	0.02738	2.96851	-0.00438	-0.46222
26	62.855	0.02763	2.95305	-0.00450	-0.45680
27	64.125	0.02774	2.94520	-0.00456	-0.45406

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00215	-0.90564	0.00609	0.36263
2	5.208	-0.01200	-1.48671	0.00375	0.27967
3	7.708	-0.01701	-1.76607	0.00253	0.23990
4	10.208	-0.02219	-2.04570	0.00124	0.20015
5	10.792	-0.02343	-2.11099	0.00093	0.19088
6	11.375	-0.02468	-2.17596	0.00061	0.18150
7	16.375	-0.03615	-2.63885	-0.00325	0.08559
8	18.708	-0.03924	-2.66482	-0.00602	0.03227
9	21.042	-0.03585	-2.37712	-0.00909	-0.02115
10	26.042	-0.01153	-1.15067	-0.01485	-0.11780
11	26.625	-0.00749	-0.97641	-0.01507	-0.12730
12	27.208	-0.00347	-0.80118	-0.01510	-0.13669
13	32.208	0.02015	0.58977	-0.01066	-0.21642
14	34.032	0.02329	0.98520	-0.00856	-0.24145
15	35.855	0.02263	1.23343	-0.00662	-0.25872
16	40.855	0.01777	1.55287	-0.00363	-0.28193
17	41.438	0.01743	1.57091	-0.00346	-0.28303
18	42.022	0.01710	1.58779	-0.00331	-0.28403
19	47.022	0.01505	1.68592	-0.00238	-0.28889
20	49.355	0.01460	1.69587	-0.00223	-0.28822
21	51.688	0.01454	1.68138	-0.00229	-0.28533
22	56.688	0.01481	1.64710	-0.00250	-0.27812
23	57.272	0.01485	1.64508	-0.00252	-0.27739
24	57.855	0.01488	1.64320	-0.00253	-0.27667
25	60.355	0.01502	1.63515	-0.00260	-0.27357
26	62.855	0.01515	1.62711	-0.00266	-0.27048
27	64.125	0.01521	1.62303	-0.00269	-0.26891

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.00601	0.20004	0.00287	0.17936
2	5.208	0.00276	0.00826	0.00206	0.14923
3	7.708	0.00112	-0.08390	0.00164	0.13479
4	10.208	-0.00059	-0.17612	0.00120	0.12035
5	10.792	-0.00100	-0.19765	0.00110	0.11699
6	11.375	-0.00142	-0.21973	0.00099	0.11351
7	16.375	-0.00660	-0.47897	-0.00030	0.06664
8	18.708	-0.00916	-0.59951	-0.00115	0.03548
9	21.042	-0.00997	-0.63243	-0.00202	0.00439
10	26.042	-0.00563	-0.41988	-0.00354	-0.04219
11	26.625	-0.00472	-0.37516	-0.00363	-0.04564
12	27.208	-0.00380	-0.32953	-0.00369	-0.04898
13	32.208	0.00242	0.03087	-0.00293	-0.07682
14	34.032	0.00352	0.13256	-0.00247	-0.08535
15	35.855	0.00370	0.19599	-0.00200	-0.09108
16	40.855	0.00313	0.27787	-0.00122	-0.09855
17	41.438	0.00309	0.28264	-0.00117	-0.09889
18	42.022	0.00305	0.28712	-0.00113	-0.09920
19	47.022	0.00278	0.31417	-0.00087	-0.10059
20	49.355	0.00271	0.31798	-0.00082	-0.10025
21	51.688	0.00269	0.31574	-0.00083	-0.09921
22	56.688	0.00274	0.31005	-0.00088	-0.09674
23	57.272	0.00275	0.30987	-0.00088	-0.09649
24	57.855	0.00275	0.30972	-0.00089	-0.09625
25	60.355	0.00279	0.30909	-0.00090	-0.09522
26	62.855	0.00282	0.30845	-0.00091	-0.09420
27	64.125	0.00284	0.30812	-0.00092	-0.09367

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.03013	-3.14505	-0.00502	-0.47617
2	5.208	-0.02973	-3.18409	-0.00480	-0.48910
3	7.708	-0.02948	-3.20292	-0.00467	-0.49535
4	10.208	-0.02920	-3.22179	-0.00453	-0.50163
5	10.792	-0.02913	-3.22620	-0.00449	-0.50310
6	11.375	-0.02906	-3.23088	-0.00446	-0.50459
7	16.375	-0.02845	-3.30409	-0.00397	-0.51898
8	18.708	-0.02854	-3.33495	-0.00383	-0.52469
9	21.042	-0.02956	-3.31733	-0.00410	-0.52609
10	26.042	-0.03430	-3.12784	-0.00598	-0.51698
11	26.625	-0.03505	-3.09501	-0.00631	-0.51509
12	27.208	-0.03586	-3.05989	-0.00667	-0.51300
13	32.208	-0.04767	-2.43310	-0.01325	-0.46849
14	34.032	-0.05061	-1.94585	-0.01795	-0.43566
15	35.855	-0.04609	-1.17132	-0.02340	-0.38864
16	40.855	0.00186	1.54727	-0.03691	-0.24086
17	41.438	0.01234	1.88929	-0.03707	-0.22359
18	42.022	0.02284	2.23024	-0.03661	-0.20627
19	47.022	0.07514	4.76061	-0.02135	-0.04698
20	49.355	0.08262	5.46038	-0.01394	0.03304
21	51.688	0.07761	5.55595	-0.00765	0.11254
22	56.688	0.05675	4.83206	0.00017	0.26871
23	57.272	0.05433	4.71214	0.00077	0.28557
24	57.855	0.05193	4.59078	0.00135	0.30235
25	60.355	0.04185	4.07093	0.00376	0.37428
26	62.855	0.03201	3.55140	0.00607	0.44625
27	64.125	0.02708	3.28755	0.00723	0.48281

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.02666	-2.78838	-0.00451	-0.42808
2	5.208	-0.02632	-2.82274	-0.00432	-0.43960
3	7.708	-0.02611	-2.83932	-0.00421	-0.44517
4	10.208	-0.02587	-2.85593	-0.00408	-0.45077
5	10.792	-0.02580	-2.85982	-0.00405	-0.45208
6	11.375	-0.02574	-2.86394	-0.00402	-0.45340
7	16.375	-0.02523	-2.92882	-0.00360	-0.46621
8	18.708	-0.02532	-2.95623	-0.00348	-0.47130
9	21.042	-0.02621	-2.94053	-0.00373	-0.47253
10	26.042	-0.03031	-2.77188	-0.00541	-0.46438
11	26.625	-0.03096	-2.74265	-0.00570	-0.46269
12	27.208	-0.03165	-2.71139	-0.00601	-0.46083
13	32.208	-0.04165	-2.15358	-0.01179	-0.42107
14	34.032	-0.04381	-1.71961	-0.01585	-0.39169
15	35.855	-0.03926	-1.02928	-0.02050	-0.34954
16	40.855	0.00300	1.39523	-0.03175	-0.21678
17	41.438	0.01141	1.70035	-0.03185	-0.20125
18	42.022	0.01985	2.00442	-0.03146	-0.18566
19	47.022	0.06559	4.24643	-0.01855	-0.04006
20	49.355	0.07255	4.85512	-0.01216	0.03420
21	51.688	0.06827	4.92389	-0.00669	0.10804
22	56.688	0.04970	4.25792	0.00025	0.25107
23	57.272	0.04755	4.15018	0.00079	0.26628
24	57.855	0.04542	4.04125	0.00131	0.28140
25	60.355	0.03646	3.57463	0.00348	0.34626
26	62.855	0.02772	3.10829	0.00556	0.41114
27	64.125	0.02333	2.87145	0.00661	0.44410

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.01463	-1.53838	-0.00265	-0.25347
2	5.208	-0.01445	-1.55631	-0.00256	-0.26007
3	7.708	-0.01434	-1.56497	-0.00250	-0.26326
4	10.208	-0.01421	-1.57365	-0.00243	-0.26646
5	10.792	-0.01418	-1.57568	-0.00242	-0.26721
6	11.375	-0.01414	-1.57784	-0.00240	-0.26797
7	16.375	-0.01390	-1.61328	-0.00219	-0.27536
8	18.708	-0.01396	-1.62827	-0.00214	-0.27832
9	21.042	-0.01443	-1.61883	-0.00229	-0.27907
10	26.042	-0.01651	-1.52190	-0.00322	-0.27439
11	26.625	-0.01684	-1.50517	-0.00338	-0.27341
12	27.208	-0.01719	-1.48729	-0.00355	-0.27233
13	32.208	-0.02205	-1.16918	-0.00654	-0.24928
14	34.032	-0.02272	-0.92133	-0.00848	-0.23205
15	35.855	-0.01957	-0.52613	-0.01058	-0.20701
16	40.855	0.00407	0.86489	-0.01502	-0.12715
17	41.438	0.00810	1.04017	-0.01499	-0.11773
18	42.022	0.01213	1.21448	-0.01478	-0.10821
19	47.022	0.03651	2.44125	-0.00901	-0.01138
20	49.355	0.03993	2.72903	-0.00595	0.04214
21	51.688	0.03687	2.70320	-0.00318	0.09555
22	56.688	0.02538	2.24087	0.00069	0.19167
23	57.272	0.02412	2.17600	0.00101	0.20107
24	57.855	0.02288	2.11080	0.00133	0.21036
25	60.355	0.01765	1.83153	0.00264	0.25021
26	62.855	0.01255	1.55242	0.00390	0.29007
27	64.125	0.00998	1.41066	0.00453	0.31032

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 10 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	-0.00277	-0.29531	-0.00089	-0.08792
2	5.208	-0.00272	-0.29688	-0.00087	-0.09011
3	7.708	-0.00268	-0.29763	-0.00086	-0.09118
4	10.208	-0.00265	-0.29839	-0.00085	-0.09224
5	10.792	-0.00264	-0.29857	-0.00084	-0.09249
6	11.375	-0.00263	-0.29878	-0.00084	-0.09274
7	16.375	-0.00259	-0.30470	-0.00079	-0.09528
8	18.708	-0.00261	-0.30704	-0.00078	-0.09635
9	21.042	-0.00268	-0.30332	-0.00083	-0.09672
10	26.042	-0.00295	-0.27650	-0.00109	-0.09540
11	26.625	-0.00300	-0.27204	-0.00113	-0.09510
12	27.208	-0.00304	-0.26731	-0.00118	-0.09476
13	32.208	-0.00361	-0.18563	-0.00197	-0.08737
14	34.032	-0.00344	-0.12225	-0.00244	-0.08166
15	35.855	-0.00234	-0.02058	-0.00290	-0.07313
16	40.855	0.00388	0.33987	-0.00365	-0.04526
17	41.438	0.00481	0.38550	-0.00360	-0.04192
18	42.022	0.00572	0.43023	-0.00351	-0.03847
19	47.022	0.01006	0.64287	-0.00199	0.00816
20	49.355	0.00925	0.60999	-0.00111	0.03928
21	51.688	0.00669	0.48950	-0.00026	0.07046
22	56.688	0.00150	0.23033	0.00103	0.11739
23	57.272	0.00107	0.20826	0.00114	0.12088
24	57.855	0.00066	0.18675	0.00125	0.12426
25	60.355	-0.00106	0.09455	0.00169	0.13873
26	62.855	-0.00274	0.00240	0.00213	0.15321
27	64.125	-0.00358	-0.04441	0.00234	0.16057

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00045	-0.04749	0.00029	0.02846
2	5.208	-0.00068	-0.06407	0.00025	0.02654
3	7.708	-0.00080	-0.07211	0.00023	0.02561
4	10.208	-0.00092	-0.08020	0.00020	0.02467
5	10.792	-0.00095	-0.08209	0.00020	0.02445
6	11.375	-0.00098	-0.08393	0.00019	0.02424
7	16.375	-0.00111	-0.09294	0.00015	0.02371
8	18.708	-0.00114	-0.09870	0.00014	0.02318
9	21.042	-0.00125	-0.11622	0.00014	0.02043
10	26.042	-0.00174	-0.18843	0.00016	0.00798
11	26.625	-0.00182	-0.19920	0.00017	0.00609
12	27.208	-0.00190	-0.21048	0.00017	0.00409
13	32.208	-0.00323	-0.38637	0.00022	-0.02779
14	34.032	-0.00486	-0.51783	0.00005	-0.05167
15	35.855	-0.00839	-0.72866	-0.00054	-0.08973
16	40.855	-0.02386	-1.48257	-0.00359	-0.22484
17	41.438	-0.02609	-1.57866	-0.00406	-0.24198
18	42.022	-0.02837	-1.67397	-0.00456	-0.25927
19	47.022	-0.04980	-2.23047	-0.01144	-0.42141
20	49.355	-0.05516	-2.07125	-0.01750	-0.50542
21	51.688	-0.04593	-1.28747	-0.02525	-0.59107
22	56.688	0.01718	1.51829	-0.04263	-0.76205
23	57.272	0.02939	1.89877	-0.04339	-0.78056
24	57.855	0.04163	2.28168	-0.04355	-0.79898
25	60.355	0.08662	3.92268	-0.04138	-0.87788
26	62.855	0.12719	5.56358	-0.03954	-0.95678
27	64.125	0.14743	6.39714	-0.03923	-0.99689

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	-0.00023	-0.02329	0.00029	0.02926
2	5.208	-0.00043	-0.03758	0.00026	0.02766
3	7.708	-0.00053	-0.04451	0.00024	0.02687
4	10.208	-0.00064	-0.05149	0.00022	0.02608
5	10.792	-0.00066	-0.05312	0.00022	0.02589
6	11.375	-0.00069	-0.05471	0.00021	0.02572
7	16.375	-0.00080	-0.06213	0.00018	0.02542
8	18.708	-0.00082	-0.06696	0.00017	0.02506
9	21.042	-0.00091	-0.08240	0.00017	0.02270
10	26.042	-0.00133	-0.14684	0.00020	0.01168
11	26.625	-0.00139	-0.15647	0.00020	0.00998
12	27.208	-0.00146	-0.16658	0.00021	0.00820
13	32.208	-0.00260	-0.32465	0.00025	-0.02039
14	34.032	-0.00403	-0.44292	0.00009	-0.04185
15	35.855	-0.00714	-0.63256	-0.00044	-0.07607
16	40.855	-0.02082	-1.31038	-0.00320	-0.19762
17	41.438	-0.02279	-1.39674	-0.00362	-0.21304
18	42.022	-0.02481	-1.48250	-0.00407	-0.22861
19	47.022	-0.04381	-1.99893	-0.01018	-0.37665
20	49.355	-0.04840	-1.87326	-0.01546	-0.45437
21	51.688	-0.03994	-1.18938	-0.02216	-0.53356
22	56.688	0.01533	1.29916	-0.03696	-0.68959
23	57.272	0.02531	1.63863	-0.03763	-0.70627
24	57.855	0.03535	1.98036	-0.03782	-0.72285
25	60.355	0.07411	3.44489	-0.03623	-0.79386
26	62.855	0.11006	4.90937	-0.03487	-0.86489
27	64.125	0.12803	5.65331	-0.03467	-0.90099

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

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	0.00058	0.06213	0.00035	0.03671
2	5.208	0.00048	0.05583	0.00034	0.03630
3	7.708	0.00042	0.05278	0.00033	0.03610
4	10.208	0.00037	0.04970	0.00033	0.03589
5	10.792	0.00035	0.04898	0.00033	0.03584
6	11.375	0.00034	0.04830	0.00033	0.03580
7	16.375	0.00028	0.04638	0.00031	0.03631
8	18.708	0.00028	0.04475	0.00031	0.03648
9	21.042	0.00025	0.03659	0.00031	0.03542
10	26.042	0.00012	-0.00049	0.00035	0.02931
11	26.625	0.00010	-0.00616	0.00035	0.02832
12	27.208	0.00008	-0.01212	0.00036	0.02729
13	32.208	-0.00034	-0.10725	0.00043	0.01017
14	34.032	-0.00104	-0.17893	0.00034	-0.00285
15	35.855	-0.00272	-0.29377	0.00003	-0.02366
16	40.855	-0.01041	-0.70318	-0.00162	-0.09752
17	41.438	-0.01154	-0.75525	-0.00187	-0.10688
18	42.022	-0.01269	-0.80734	-0.00214	-0.11639
19	47.022	-0.02422	-1.18259	-0.00554	-0.21445
20	49.355	-0.02741	-1.17524	-0.00822	-0.26971
21	51.688	-0.02318	-0.84362	-0.01146	-0.32586
22	56.688	0.00635	0.52679	-0.01831	-0.42876
23	57.272	0.01126	0.72172	-0.01869	-0.43894
24	57.855	0.01622	0.91835	-0.01890	-0.44901
25	60.355	0.03691	1.76103	-0.01879	-0.49216
26	62.855	0.05696	2.60368	-0.01869	-0.53532
27	64.125	0.06702	3.03174	-0.01883	-0.55725

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Cline Avenue - Load Rating - Double Box - 4 Webs - 64.125' W

Slab 11 section c appendix

Load at node	Distance	Moment concentr.	Moment u.d.l.	Axial force concentr.	Axial force u.d.l.
1	0.000	0.00140	0.14794	0.00033	0.03491
2	5.208	0.00139	0.14959	0.00033	0.03541
3	7.708	0.00138	0.15039	0.00033	0.03565
4	10.208	0.00137	0.15119	0.00033	0.03590
5	10.792	0.00137	0.15138	0.00033	0.03595
6	11.375	0.00136	0.15158	0.00033	0.03601
7	16.375	0.00135	0.15507	0.00033	0.03690
8	18.708	0.00136	0.15658	0.00033	0.03731
9	21.042	0.00141	0.15562	0.00034	0.03725
10	26.042	0.00158	0.14578	0.00038	0.03559
11	26.625	0.00160	0.14408	0.00039	0.03529
12	27.208	0.00163	0.14226	0.00040	0.03496
13	32.208	0.00201	0.11002	0.00050	0.02899
14	34.032	0.00204	0.08492	0.00051	0.02429
15	35.855	0.00176	0.04490	0.00043	0.01678
16	40.855	-0.00025	-0.09605	-0.00007	-0.00965
17	41.438	-0.00059	-0.11382	-0.00016	-0.01297
18	42.022	-0.00094	-0.13224	-0.00024	-0.01643
19	47.022	-0.00586	-0.36634	-0.00137	-0.06335
20	49.355	-0.00839	-0.47737	-0.00218	-0.09488
21	51.688	-0.00904	-0.49806	-0.00312	-0.12670
22	56.688	-0.00364	-0.24574	-0.00496	-0.17526
23	57.272	-0.00254	-0.19531	-0.00510	-0.17893
24	57.855	-0.00142	-0.14377	-0.00520	-0.18250
25	60.355	0.00349	0.07714	-0.00542	-0.19777
26	62.855	0.00835	0.29802	-0.00559	-0.21305
27	64.125	0.01079	0.41023	-0.00571	-0.22082

PROGRAM : BRUG(5.75.44 DATE : 11/09/2009 START : 13:25:20
PROJECT : VEH: R1 - TO DATE : 11/09/2009 END : 13:25:20
TOTAL (msec) : 375