



Members				
#	Material	Cross Section	Member Size (millimeters)	Length (meters)
1	CS	Bar	140x140	4.00
2	CS	Bar	150x150	4.00
3	CS	Bar	160x160	4.00
4	CS	Bar	160x160	4.00
5	CS	Bar	160x160	4.00
6	CS	Bar	160x160	4.00
7	CS	Bar	150x150	4.00
8	CS	Bar	140x140	4.00
9	CS	Bar	160x160	6.40
10	CS	Bar	150x150	6.40
11	CS	Bar	160x160	4.00
12	CS	Bar	160x160	4.00
13	CS	Bar	160x160	4.00
14	CS	Bar	160x160	6.40
15	CS	Bar	110x110	6.40
16	CS	Bar	160x160	4.00
17	CS	Bar	160x160	4.00
18	CS	Bar	160x160	4.00
19	CS	Bar	160x160	4.00
20	CS	Bar	160x160	4.00
21	CS	Bar	160x160	4.00
22	CS	Bar	160x160	4.00
23	CS	Bar	160x160	4.00
24	CS	Bar	160x160	4.00
25	CS	Bar	110x110	6.40
26	CS	Bar	150x150	6.40
27	CS	Bar	160x160	6.40
28	CS	Bar	140x140	6.40
29	CS	Bar	140x140	6.40
30	CS	Bar	160x160	6.40
31	CS	Tube	110x110x5	6.40
32	CS	Tube	110x110x5	6.40
33	CS	Tube	160x160x8	5.00
34	CS	Tube	160x160x8	5.00
35	CS	Tube	100x100x5	5.00
36	CS	Tube	100x100x5	5.00
37	CS	Tube	120x120x6	5.00
38	CS	Tube	120x120x6	5.00
39	CS	Tube	160x160x8	5.00
40	CS	Tube	160x160x8	5.00
41	CS	Tube	160x160x8	5.00
42	CS	Tube	160x160x8	5.00

Dennis H. Mahan Memorial Bridge		
Main Truss Elevation		Sheet 1
Cost: \$349,288.15	Date: 26 May 2015	Iteration 46
Designed by:	Scott Nevin	
Project ID:	00001A-	
File: C:\Users\rcc\Desktop\NevinScott_ENE-5A_43997\Bridge_Build\Cheapest_Default.bdc		