10	2	10	3.06	0.0001106	-0.0007252	0.00731	208.23	1.53	318.59
11	0	0	0.00	0.0000000	0.0000000	0.00000	0.00	0	0.00
12	0	0	0.00	0.0000000	0.0000000	0.00000	0.00	0	0.00
13	0	0	0.00	0.0000000	0.0000000	0.00000	0.00	0	0.00
14	0	0	0.00	0.0000000	0.0000000	0.00000	0.00	0	0.00
15	0	0	0.00	0.0000000	0.0000000	0.00000	0.00	0	0.00
16	0	0	0.00	0.0000000	0.0000000	0.00000	0.00	0	0.00
		CGS of Steel =	7.76					T =	1046.00

Find the compression in the concrete:

Shape	Var. Width of Trap	Area (in^2)	Centroid Loc.	Location	Concrete strain at location		Avg. Concrete Stress *(ksi)*	Compressive Force *(kips)*	M *(ft-kips)*
Slab	-	0.0	0.0	top of slab	0.000000	0	0.00	0.00	0.00
				1	0.000000	0	0.00		
				2	0.000000	0	0.00		
				3	0.000000	0	0.00		
				4	0.000000	0	0.00		
				5	0.000000	0	0.00		
				6	0.000000	0	0.00		
				7	0.000000	0	0.00		
				8	0.000000	0	0.00		
				9	0.000000	0	0.00		
				bot. of slab	0.000000	0	0.00		
Top Rectangle	-	112.0	3.5	top of girder	0.000970	1	4.32	441.68	1241.68
				1	0.000952	1	4.25		
				2	0.000935	1	4.17		
				3	0.000917	1	4.10		
				4	0.000900	1	4.02		
				5	0.000882	1	3.94		
				6	0.000864	1	3.87		
				7	0.000847	1	3.79		
				8	0.000829	1	3.72		
				9	0.000812	1	3.64		
Top Tapezoid	7	51.8	9.0	top of trapezoid	0.000794	1	3.56	171.40	403.91
				1	0.000771	1	3.46		
				2	0.000749	1	3.36		
				3	0.000726	1	3.26		
				4	0.000704	1	3.16		
Web	-	189.7	25.0	top of web	0.000681	1	3.06	377.86	383.69
				1	0.000586	1	2.64		
				2	0.000490	1	2.21		
				3	0.000395	1	1.78		
				4	0.000299	1	1.35		
Bottom Tapezoid	22	108.75	34.9	top of trapezoid	0.000204	1	0.92	53.61	10.45
				1	0.000109	1	0.49		
Bottom Rectangle	-	13.2	38.3	top of bot. rect.	0.000015	1	0.07	0.45	-0.04
				1	0.000000	0	0.00		
				bottom of comp block	0.000000	0	0.00		
							C =	1046.00	2040