

일산대교R-I (RC SLAB구간) 구조검토 OUTPUT 자료

LOAD SET FOR REACTION OUTPUT - Load Set 1

<< LOAD COMBI/CASE/ENVEL ABBREVIATION TABLE >>

ABBREVIATION	FULL NAME	TYPE	DESCRIPTION
방호벽~1	방호벽 하중	Static	

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE TYPE	ANAL.TYPE	DESCRIPTION	STATIC LOAD CASE DETAIL
활하중	Moving		

[Selected Load Combinations]

L. COMB	TYPE	COMBINATION DETAIL
고정하중	Gen.Comb	1.000 x 자중 + 1.000 x 방호벽~1 + 1.000 x 포장하중

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1

<< LOAD COMBI/CASE/ENVEL ABBREVIATION TABLE >>

ABBREVIATION	FULL NAME	TYPE	DESCRIPTION
No Abbreviation was made in this Load Set. All names are less than 8 char.'s			

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE TYPE	ANAL.TYPE	DESCRIPTION	STATIC LOAD CASE DETAIL
활하중	Moving		

[Selected Load Combinations]

L. COMB	TYPE	COMBINATION DETAIL
고정하중	Gen.Comb	1.000 x 자중 + 1.000 x 방호벽~1 + 1.000 x 포장하중

REACTION FORCES & MOMENTS DEFAULT PRINTOUT

Unit System : kN , m

Node	LC		FX	FY	FZ	MX	MY	MZ
1227	활하중	Max	0.0	0.0	269.1	0.0	0.0	0.0
		Min	0.0	0.0	-102.5	0.0	0.0	0.0
	고정 하중		0.0	0.0	1154.9	0.0	0.0	0.0
1230	활하중	Max	0.0	0.0	245.4	0.0	0.0	0.0
		Min	0.0	0.0	-102.2	0.0	0.0	0.0
	고정 하중		0.0	0.0	594.5	0.0	0.0	0.0
1246	활하중	Max	0.0	0.0	324.0	0.0	0.0	0.0
		Min	0.0	0.0	-106.2	0.0	0.0	0.0
	고정 하중		0.0	0.0	2504.2	0.0	0.0	0.0
1269	활하중	Max	0.0	0.0	375.4	0.0	0.0	0.0
		Min	0.0	0.0	-151.9	0.0	0.0	0.0
	고정 하중		0.0	0.0	2839.6	0.0	0.0	0.0
1291	활하중	Max	0.0	0.0	393.1	0.0	0.0	0.0
		Min	0.0	0.0	-112.7	0.0	0.0	0.0
	고정 하중		0.0	0.0	3055.1	0.0	0.0	0.0
1296	활하중	Max	0.0	0.0	657.3	0.0	0.0	0.0
		Min	0.0	0.0	-45.2	0.0	0.0	0.0
	고정 하중		0.0	0.0	638.3	0.0	0.0	0.0
1312	활하중	Max	0.0	0.0	812.0	0.0	0.0	0.0
		Min	0.0	0.0	-62.4	0.0	0.0	0.0
	고정 하중		0.0	0.0	2600.6	0.0	0.0	0.0
1335	활하중	Max	0.0	0.0	876.2	0.0	0.0	0.0
		Min	0.0	0.0	-87.8	0.0	0.0	0.0
	고정 하중		0.0	0.0	2793.6	0.0	0.0	0.0
1357	활하중	Max	0.0	0.0	867.4	0.0	0.0	0.0
		Min	0.0	0.0	-78.1	0.0	0.0	0.0
	고정 하중		0.0	0.0	3060.8	0.0	0.0	0.0
1380	활하중	Max	0.0	0.0	684.9	0.0	0.0	0.0
		Min	0.0	0.0	-44.9	0.0	0.0	0.0
	고정 하중		0.0	0.0	1151.5	0.0	0.0	0.0

SUMMATION OF REACTION FORCES

LC	SUM-FX	SUM-FY	SUM-FZ
고정 하중	0.0	0.0	20393.1

REACTION FORCES & MOMENTS LOCAL PRINTOUT

Unit System : kN , m

Node	LC	FX	FY	FZ	MX	MY	MZ
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PLATE ELEMENT FORCES(GLOBAL) DEFAULT PRINTOUT

Unit System : kN , m

ELEM MZ	MAT	SEC		LC	NODE		FX	FY	FZ	MX	MY				
93	1	3	활하중	Max	1474	0.0	0.0	0.0	0.0	0.0	0.0				
					1475	0.0	0.0	0.0	0.0	0.0	0.0				
					68	0.0	0.0	0.0	0.0	0.0	0.0				
					65	0.0	0.0	0.0	0.0	0.0	0.0				
				Min	1474	0.0	0.0	0.0	0.0	0.0	0.0				
					1475	0.0	0.0	0.0	0.0	0.0	0.0				
					68	0.0	0.0	0.0	0.0	0.0	0.0				
					65	0.0	0.0	0.0	0.0	0.0	0.0				
			고정 하중	1474	0.0	0.0	5.3	7.7	58.3	0.0					
				1475	0.0	0.0	-18.4	19.6	-58.8	0.0					
				68	0.0	0.0	5.3	-8.5	-67.4	0.0					
				65	0.0	0.0	14.0	-22.1	51.5	0.0					
				125	1	3	활하중	Max	1476	0.0	0.0	0.0	0.0	0.0	0.0
									1477	0.0	0.0	0.0	0.0	0.0	0.0
									74	0.0	0.0	0.0	0.0	0.0	0.0
									70	0.0	0.0	0.0	0.0	0.0	0.0
Min	1476	0.0	0.0					0.0	0.0	0.0	0.0				
	1477	0.0	0.0					0.0	0.0	0.0	0.0				
	74	0.0	0.0					0.0	0.0	0.0	0.0				
	70	0.0	0.0					0.0	0.0	0.0	0.0				
고정 하중	1476	0.0	0.0				-16.5	8.1	61.6	0.0					
	1477	0.0	0.0				3.4	18.4	-56.4	0.0					
	74	0.0	0.0				13.9	-11.6	-56.0	0.0					
	70	0.0	0.0				5.5	-20.9	64.2	0.0					
	289	1	2				활하중	Max	1312	0.0	0.0	0.0	0.0	0.0	0.0
									1313	0.0	0.0	0.0	0.0	0.0	0.0
									155	0.0	0.0	0.0	0.0	0.0	0.0
									150	0.0	0.0	0.0	0.0	0.0	0.0
Min				1312	0.0	0.0		0.0	0.0	0.0	0.0				
				1313	0.0	0.0		0.0	0.0	0.0	0.0				
				155	0.0	0.0		0.0	0.0	0.0	0.0				
				150	0.0	0.0		0.0	0.0	0.0	0.0				
고정 하중				1312	0.0	0.0	773.0	237.0	-173.5	0.0					
				1313	0.0	0.0	17.0	152.8	198.4	0.0					
				155	0.0	0.0	-358.0	-46.4	65.0	0.0					
				150	0.0	0.0	-424.6	-38.4	-300.8	0.0					
				291	1	2	활하중	Max	111	0.0	0.0	0.0	0.0	0.0	0.0
									115	0.0	0.0	0.0	0.0	0.0	0.0
									1313	0.0	0.0	0.0	0.0	0.0	0.0
									1312	0.0	0.0	0.0	0.0	0.0	0.0
Min	111	0.0	0.0					0.0	0.0	0.0	0.0				
	115	0.0	0.0					0.0	0.0	0.0	0.0				
	1313	0.0	0.0					0.0	0.0	0.0	0.0				
	1312	0.0	0.0					0.0	0.0	0.0	0.0				
고정 하중	111	0.0	0.0				-120.5	88.4	-436.3	0.0					
	115	0.0	0.0				-349.9	-7.2	266.2	0.0					
	1313	0.0	0.0				-218.4	-177.7	212.9	0.0					
	1312	0.0	0.0				702.9	-148.1	-506.2	0.0					
	435	1	2				활하중	Max	1495	0.0	0.0	0.0	0.0	0.0	0.0
									1496	0.0	0.0	0.0	0.0	0.0	0.0
									168	0.0	0.0	0.0	0.0	0.0	0.0
									160	0.0	0.0	0.0	0.0	0.0	0.0
Min				1495	0.0	0.0		0.0	0.0	0.0	0.0				
				1496	0.0	0.0		0.0	0.0	0.0	0.0				
				168	0.0	0.0		0.0	0.0	0.0	0.0				
				160	0.0	0.0		0.0	0.0	0.0	0.0				

			고정 하중		1495	0.0	0.0	20.7	-7.8	108.0	0.0
					1496	0.0	0.0	-33.2	37.5	-111.3	0.0
					168	0.0	0.0	-6.1	11.3	-130.1	0.0
					160	0.0	0.0	27.0	-38.1	91.9	0.0
451	1	2	활 하중	Max	1496	0.0	0.0	0.0	0.0	0.0	0.0
					1497	0.0	0.0	0.0	0.0	0.0	0.0
					179	0.0	0.0	0.0	0.0	0.0	0.0
					168	0.0	0.0	0.0	0.0	0.0	0.0
				Min	1496	0.0	0.0	0.0	0.0	0.0	0.0
					1497	0.0	0.0	0.0	0.0	0.0	0.0
					179	0.0	0.0	0.0	0.0	0.0	0.0
					168	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		1496	0.0	0.0	8.5	-9.7	118.6	0.0
					1497	0.0	0.0	-21.1	38.6	-117.6	0.0
					179	0.0	0.0	1.6	10.6	-131.5	0.0
					168	0.0	0.0	19.4	-40.2	107.5	0.0
635	1	2	활 하중	Max	617	0.0	0.0	0.0	0.0	0.0	0.0
					626	0.0	0.0	0.0	0.0	0.0	0.0
					1270	0.0	0.0	0.0	0.0	0.0	0.0
					1269	0.0	0.0	0.0	0.0	0.0	0.0
				Min	617	0.0	0.0	0.0	0.0	0.0	0.0
					626	0.0	0.0	0.0	0.0	0.0	0.0
					1270	0.0	0.0	0.0	0.0	0.0	0.0
					1269	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		617	0.0	0.0	-387.8	150.6	-288.5	0.0
					626	0.0	0.0	-368.8	6.3	159.8	0.0
					1270	0.0	0.0	15.5	-217.7	151.6	0.0
					1269	0.0	0.0	748.5	-123.4	-338.5	0.0
663	1	2	활 하중	Max	1335	0.0	0.0	0.0	0.0	0.0	0.0
					1336	0.0	0.0	0.0	0.0	0.0	0.0
					370	0.0	0.0	0.0	0.0	0.0	0.0
					359	0.0	0.0	0.0	0.0	0.0	0.0
				Min	1335	0.0	0.0	0.0	0.0	0.0	0.0
					1336	0.0	0.0	0.0	0.0	0.0	0.0
					370	0.0	0.0	0.0	0.0	0.0	0.0
					359	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		1335	0.0	0.0	706.6	267.2	-211.5	0.0
					1336	0.0	0.0	8.7	98.1	254.2	0.0
					370	0.0	0.0	-335.6	-80.5	124.8	0.0
					359	0.0	0.0	-372.2	24.6	-336.1	0.0
778	1	2	활 하중	Max	789	0.0	0.0	0.0	0.0	0.0	0.0
					805	0.0	0.0	0.0	0.0	0.0	0.0
					1432	0.0	0.0	0.0	0.0	0.0	0.0
					1431	0.0	0.0	0.0	0.0	0.0	0.0
				Min	789	0.0	0.0	0.0	0.0	0.0	0.0
					805	0.0	0.0	0.0	0.0	0.0	0.0
					1432	0.0	0.0	0.0	0.0	0.0	0.0
					1431	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		789	0.0	0.0	20.1	-1.1	71.1	0.0
					805	0.0	0.0	2.8	39.6	-77.5	0.0
					1432	0.0	0.0	-20.6	7.4	-79.7	0.0
					1431	0.0	0.0	6.7	-34.2	66.2	0.0
851	1	2	활 하중	Max	1347	0.0	0.0	0.0	0.0	0.0	0.0
					1348	0.0	0.0	0.0	0.0	0.0	0.0
					590	0.0	0.0	0.0	0.0	0.0	0.0
					574	0.0	0.0	0.0	0.0	0.0	0.0
			Min		1347	0.0	0.0	0.0	0.0	0.0	0.0
					1348	0.0	0.0	0.0	0.0	0.0	0.0
					590	0.0	0.0	0.0	0.0	0.0	0.0

					574	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		1347	0.0	0.0	-16.3	-3.9	77.9	0.0
					1348	0.0	0.0	17.7	33.0	-78.7	0.0
					590	0.0	0.0	10.2	0.1	-65.7	0.0
					574	0.0	0.0	-1.2	-36.9	87.9	0.0
998	1	2	활하중	Max	1356	0.0	0.0	0.0	0.0	0.0	0.0
					1357	0.0	0.0	0.0	0.0	0.0	0.0
					714	0.0	0.0	0.0	0.0	0.0	0.0
					704	0.0	0.0	0.0	0.0	0.0	0.0
				Min	1356	0.0	0.0	0.0	0.0	0.0	0.0
					1357	0.0	0.0	0.0	0.0	0.0	0.0
					714	0.0	0.0	0.0	0.0	0.0	0.0
					704	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		1356	0.0	0.0	16.8	242.9	-185.9	0.0
					1357	0.0	0.0	781.6	124.0	376.4	0.0
					714	0.0	0.0	-414.9	-177.7	334.1	0.0
					704	0.0	0.0	-375.9	0.1	-184.5	0.0
1194	1	2	활하중	Max	1542	0.0	0.0	0.0	0.0	0.0	0.0
					1543	0.0	0.0	0.0	0.0	0.0	0.0
					829	0.0	0.0	0.0	0.0	0.0	0.0
					814	0.0	0.0	0.0	0.0	0.0	0.0
				Min	1542	0.0	0.0	0.0	0.0	0.0	0.0
					1543	0.0	0.0	0.0	0.0	0.0	0.0
					829	0.0	0.0	0.0	0.0	0.0	0.0
					814	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		1542	0.0	0.0	9.3	-34.0	164.1	0.0
					1543	0.0	0.0	-23.3	64.4	-162.5	0.0
					829	0.0	0.0	0.8	36.4	-178.8	0.0
					814	0.0	0.0	22.1	-64.5	149.8	0.0
1256	1	2	활하중	Max	1546	0.0	0.0	0.0	0.0	0.0	0.0
					1547	0.0	0.0	0.0	0.0	0.0	0.0
					872	0.0	0.0	0.0	0.0	0.0	0.0
					859	0.0	0.0	0.0	0.0	0.0	0.0
				Min	1546	0.0	0.0	0.0	0.0	0.0	0.0
					1547	0.0	0.0	0.0	0.0	0.0	0.0
					872	0.0	0.0	0.0	0.0	0.0	0.0
					859	0.0	0.0	0.0	0.0	0.0	0.0
			고정 하중		1546	0.0	0.0	-27.1	-33.6	170.1	0.0
					1547	0.0	0.0	12.9	59.7	-153.7	0.0
					872	0.0	0.0	23.9	25.7	-156.9	0.0
					859	0.0	0.0	-0.8	-66.3	169.9	0.0