



FORM DQP 2.01-1
LEVEL 1 CHECK PRINT SIGN-OFF SHEET

Client Name: Ohio Department of Transportation
Job Title: Cleveland Innerbelt Design-Build Contract
Job Number: CUY-90-14.90
Document Title: Unit 2 - Walsh C.W. check - Erection Analysis

Check Level (Mark One): 1A 100% Document Check *Separation of NDC + CDC spreadsheet*
 1B 100% Input Check

Enter description below:

	Print Name	Signature	Date
<input checked="" type="checkbox"/> Originator	<u>David Glastetter</u>	<u><i>David Glastetter</i></u>	<u>5/9/12</u>
<input checked="" type="checkbox"/> Checker	<u>SARAH LARSON</u>	<u><i>Sarah Larson</i></u>	<u>5-10-12</u>
<input checked="" type="checkbox"/> Backchecker	<u>David Glastetter</u>	<u><i>David Glastetter</i></u>	<u>5/11/12</u>
<input checked="" type="checkbox"/> Updater	<u>David Glastetter</u>	<u><i>David Glastetter</i></u>	<u>5/11/12</u>
<input checked="" type="checkbox"/> Validater	<u>SARAH LARSON</u>	<u><i>Sarah Larson</i></u>	<u>5-11-12</u>

Insert an "X" in the box to indicate a required QC activity.

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113	41039	1039	40.573	104.469	-1.552	15.318	-47.355	12654.37	-6178.2	11064.62	ERDAY15 41039_1039
	41039	1040	-40.401	-99.215	1.552	-15.318	65.613	-11456.9	-7529.25	11643.65	ERDAY15 41039_1040
	41040	1040	38.803	100.601	2.69	2.585	-65.217	11457.68	-7527.92	11646.3	ERDAY15 41040_1040
	41040	1041	-38.761	-96.913	-2.69	-2.585	43.022	-10642.9	-8031.18	11450.66	ERDAY15 41040_1041
	41041	1041	37.894	97.255	2.681	4.703	-42.997	10653.53	-9491.3	14648.45	ERDAY15 41041_1041
	41041	1042	-37.894	-89.966	-2.681	-4.703	-0.733	-9126.87	-10470.9	13444.66	ERDAY15 41041_1042
	41042	1042	37.866	92.224	0.019	-0.472	0.733	9127.133	-10471.3	13444.97	ERDAY15 41042_1042
	41042	1043	-37.866	-86.87	-0.019	0.472	-0.962	-8054.27	-10677.1	12422.84	ERDAY15 41042_1043
	41043	1043	37.866	86.87	-0.013	6.228	0.962	8054.271	-10677.1	12422.84	ERDAY15 41043_1043
	41043	1044	-37.866	-81.514	0.013	-6.228	-0.814	-7045.64	-10651.9	11382.07	ERDAY15 41043_1044
	41044	1044	37.866	81.734	-0.131	-1.19	0.814	7045.854	-10652.2	11382.4	ERDAY15 41044_1044
	41044	1045	-37.866	-76.38	0.131	1.19	0.754	-6098.87	-10157.5	10233.34	ERDAY15 41044_1045
	41045	1045	37.866	76.38	-0.162	3.885	-0.754	6098.869	-10157.5	10233.34	ERDAY15 41045_1045
	41045	1046	-37.866	-71.026	0.162	-3.885	2.698	-5216.08	-9431.97	9065.65	ERDAY15 41045_1046
	41046	1046	37.871	74.501	0.156	-1.95	-2.698	5216.262	-9432.26	9065.98	ERDAY15 41046_1046
	41046	1047	-37.871	-69.143	-0.156	1.95	0.83	-4355.4	-8198.67	7735.29	ERDAY15 41046_1047
	41047	1047	37.871	69.143	0.127	1.394	-0.83	4355.398	-8198.67	7735.29	ERDAY15 41047_1047
	41047	1048	-37.871	-63.79	-0.127	-1.394	-0.687	-3559.44	-6735.26	6387.1	ERDAY15 41047_1048
	41048	1048	37.867	66.566	-0.213	-3.944	0.687	3559.54	-6735.44	6387.26	ERDAY15 41048_1048
	41048	1049	-37.867	-61.21	0.213	3.944	1.864	-2793.87	-4781.97	4891.16	ERDAY15 41048_1049
41049	1049	37.867	61.21	-0.273	0.532	-1.864	2793.871	-4781.97	4891.16	ERDAY15 41049_1049	
41049	1050	-37.867	-55.857	0.273	-0.532	5.14	-2093.04	-2599.52	3377.82	ERDAY15 41049_1050	
41050	1050	37.853	58.555	-1.319	-3.6	-5.14	2093.129	-2599.66	3377.91	ERDAY15 41050_1050	
41050	1051	-37.853	-51.272	1.319	3.6	26.63	-1198.4	1069.47	1123.61	ERDAY15 41050_1051	
41051	1051	37.412	51.593	-1.374	-1.76	-26.645	1195.054	832.2	1086.15	ERDAY15 41051_1051	
41051	1052	-37.453	-47.91	1.374	1.76	37.967	-785.027	2528.05	74.62	ERDAY15 41051_1052	
41052	1052	36.681	48.027	0.601	-5.319	-38.095	785.034	2516.23	62.8	ERDAY15 41052_1052	
41052	1053	-36.854	-42.775	-0.601	5.319	31.031	-251.432	4758.82	-1236.39	ERDAY15 41052_1053	
41053	1053	38.47	44.739	-1.148	-1.025	-33.576	30.799	3398.02	-1123.6	ERDAY16 41053_1053	
41053	1054	-38.832	-38.816	1.148	1.025	48.81	523.546	4531.33	-1834.04	ERDAY16 41053_1054	
41054	1054	37.826	40.217	2.865	-1.286	-48.933	-523.538	4519.94	-1845.46	ERDAY16 41054_1054	
41054	1055	-38.325	-34.63	-2.865	1.286	13.018	992.63	4974.85	-2156.06	ERDAY16 41054_1055	
41055	1055	37.413	35.617	2.83	-1.788	-13.134	-992.628	4965.31	-2165.6	ERDAY16 41055_1055	
41055	1056	-38.068	-30.026	-2.83	1.788	-22.453	1405.294	4903.37	-2204.33	ERDAY16 41055_1056	
41056	1056	117.974	47.786	-1.55	1.341	15.761	802.878	4703.9	1866.54	ERDAY16 41056_1056	
41056	1057	-117.974	-43.539	1.55	-1.341	-1.04	-369.07	4172.95	1772.06	ERDAY16 41056_1057	
41057	1057	117.972	43.539	-1.634	1.699	1.04	375.799	4386.72	1955.1	ERDAY16 41057_1057	
41057	1058	-117.972	-40.077	1.634	-1.699	11.615	-51.947	4001.22	1863.73	ERDAY16 41057_1058	
41058	1058	117.972	40.077	-1.634	1.699	-11.615	51.947	4001.22	1863.73	ERDAY16 41058_1058	
41058	1059	-117.972	-36.615	1.634	-1.699	24.271	245.085	3675.72	1769.11	ERDAY16 41058_1059	
41059	1059	117.99	36.373	0.762	1.787	-24.271	-245.089	3675.86	1769.23	ERDAY16 41059_1059	
41059	1060	-117.99	-32.795	-0.762	-1.787	18.167	521.976	3467.32	1644.39	ERDAY16 41059_1060	
41060	1060	117.991	29.155	0.624	1.178	-18.167	-521.977	3467.33	1644.41	ERDAY16 41060_1060	
41060	1061	-117.991	-25.581	-0.624	-1.178	13.175	740.797	3304.59	1544.95	ERDAY16 41060_1061	
41061	1061	117.992	25.581	0.468	0.196	-13.175	-740.799	3304.59	1544.96	ERDAY16 41061_1061	
41061	1062	-117.992	-22.002	-0.468	-0.196	9.427	931.248	3205.69	1441.9	ERDAY16 41061_1062	
41062	1062	117.995	22.712	0.891	2.358	-9.427	-931.264	3205.68	1441.87	ERDAY16 41062_1062	
41062	1063	-117.995	-20.029	-0.891	-2.358	4.08	1059.515	3224.34	1339.55	ERDAY16 41062_1063	
41063	1063	117.996	20.029	0.706	0.702	-4.08	-1059.52	3224.35	1339.54	ERDAY16 41063_1063	
41063	1064	-117.996	-17.351	-0.706	-0.702	-0.154	1171.483	3278.9	1235.45	ERDAY16 41063_1064	
41064	1064	117.996	17.351	0.695	0.584	0.154	-1171.48	3278.9	1235.45	ERDAY16 41064_1064	
41064	1065	-117.996	-14.668	-0.695	-0.584	-4.324	1267.553	3369.51	1129.23	ERDAY16 41064_1065	
41065	1065	117.998	14.668	0.499	-1.524	4.324	-1267.55	3369.51	1129.23	ERDAY16 41065_1065	
41065	1066	-117.998	-11.986	-0.499	1.524	-7.317	1347.519	3496.11	1021.05	ERDAY16 41065_1066	
41066	1066	117.997	12.512	0.516	1.334	7.317	-1347.55	3496.09	1020.99	ERDAY16 41066_1066	
41066	1067	-117.997	-8.934	-0.516	-1.334	-11.44	1433.373	3788.26	844.55	ERDAY16 41066_1067	
41067	1067	117.998	8.934	0.368	-0.454	11.44	-1433.37	3788.25	844.54	ERDAY16 41067_1067	
41067	1068	-117.998	-5.356	-0.368	0.454	-14.388	1490.558	4144.43	664.62	ERDAY16 41067_1068	
41068	1068	117.998	5.356	0.377	-0.347	14.388	-1490.56	4144.43	664.63	ERDAY16 41068_1068	
41068	1069	-117.998	-1.784	-0.377	0.347	-17.398	1519.094	4564.09	481.45	ERDAY16 41068_1069	
41069	1069	118.074	1.699	4.72	-0.012	17.398	-1519.15	4564.48	481.69	ERDAY16 41069_1069	
41069	1070	-118.074	1.765	-4.72	0.012	-53.988	1518.892	5094.52	277.26	ERDAY16 41069_1070	
41070	1070	118.074	-1.765	4.72	-0.012	53.988	-1518.89	5094.52	277.26	ERDAY16 41070_1070	
41070	1071	-118.074	5.23	-4.72	0.012	-90.577	1491.775	5684.65	69.56	ERDAY16 41070_1071	
41071	1071	118.077	-5.23	4.637	-0.741	90.577	-1499.84	5430.04	-56.14	ERDAY16 41071_1071	
41071	1072	-118.077	9.475	-4.637	0.741	-134.605	1430.029	6201.22	-312.94	ERDAY16 41071_1072	
41072	1072	37.796	18.867	-2.562	4.572	38.813	-4034	5690.55	-3305.19	ERDAY16 41072_1072	
41072	1073	-37.14	-13.276	2.562	-4.572	-6.6	4236.059	6210.12	-3936	ERDAY16 41072_1073	
41073	1073	36.779	14.241	-2.589	1.202	6.96	-4236.06	6217.17	-3928.95	ERDAY16 41073_1073	
41073	1074	-36.28	-8.654	2.589	-1.202	25.488	4379.526	6370.42	-4517.74	ERDAY16 41073_1074	
41074	1074	36.076	8.47	1.339	4.257	-25.572	-4379.71	6379.51	-4509.09	ERDAY16 41074_1074	
41074	1075	-35.714	-2.548	-1.339	-4.257	7.803	4452.783	5991.32	-4913.64	ERDAY16 41074_1075	

SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113

PIER 4 -- Day 148 minus Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 7 -- Day 148 minus Cumulative Affects thru Day 54	41151	1151	19.938	86.103	1.196	7.386	-23.565	9008.928	-6326.06	10570.18	ERDAY9 41151_1151
	41151	1152	-19.766	-80.848	-1.196	-7.386	9.498	-8027.58	-8041.89	11153.77	ERDAY9 41151_1152
	41152	1152	18.459	80.14	0.396	1.786	-9.329	8027.5	-8038.79	11156.7	ERDAY9 41152_1152
	41152	1153	-18.417	-76.451	-0.396	-1.786	6.063	-7381.4	-8751.99	10988.07	ERDAY9 41152_1153
	41153	1153	17.764	76.606	0.392	3.478	-6.047	7383.189	-9616.72	12124.49	ERDAY9 41153_1153
	41153	1154	-17.764	-70.462	-0.392	-3.478	0.664	-6372.62	-10415.2	11299.12	ERDAY9 41153_1154
	41154	1154	17.768	71.875	0.177	-0.483	-0.664	6372.609	-10415.1	11299.12	ERDAY9 41154_1154
	41154	1155	-17.768	-66.957	-0.177	0.483	-1.283	-5608.87	-10593.2	10515.25	ERDAY9 41154_1155
	41155	1155	17.769	66.957	0.161	4.613	1.283	5608.866	-10593.2	10515.25	ERDAY9 41155_1155
	41155	1156	-17.769	-62.039	-0.161	-4.613	-3.054	-4899.25	-10548.8	9708.01	ERDAY9 41155_1156
	41156	1156	17.769	64.714	0.118	-1.17	3.054	4899.23	-10548.8	9707.98	ERDAY9 41156_1156
	41156	1157	-17.769	-60.235	-0.118	1.17	-4.234	-4273.1	-10104.8	8843.31	ERDAY9 41156_1157
	41157	1157	17.77	60.235	0.1	3.007	4.234	4273.096	-10104.8	8843.31	ERDAY9 41157_1157
	41157	1158	-17.77	-55.76	-0.1	-3.007	-5.238	-3692.43	-9476.98	7960.14	ERDAY9 41157_1158
	41158	1158	17.774	58.539	-0.129	-1.811	5.238	3692.407	-9476.94	7960.12	ERDAY9 41158_1158
	41158	1159	-17.774	-54.059	0.129	1.811	-3.949	-3128.17	-8458.26	6948.15	ERDAY9 41158_1159
	41159	1159	17.774	54.059	-0.146	1.247	3.949	3128.169	-8458.27	6948.15	ERDAY9 41159_1159
	41159	1160	-17.774	-49.584	0.146	-1.247	-2.488	-2609.34	-7256.41	5917.84	ERDAY9 41159_1160
	41160	1160	17.775	52.225	-0.181	-1.548	2.488	2609.328	-7256.45	5917.84	ERDAY9 41160_1160
	41160	1161	-17.775	-47.307	0.181	1.548	-0.495	-2061.78	-5497.86	4646.01	ERDAY9 41160_1161
	41161	1161	17.775	43.667	-0.181	-1.548	0.495	2061.777	-5497.86	4646.01	ERDAY9 41161_1161
	41161	1162	-17.775	-38.75	0.181	1.548	1.497	-1608.39	-3547.5	3406.92	ERDAY9 41161_1162
	41162	1162	17.796	41.613	-1.173	-2.606	-1.497	1608.347	-3547.37	3406.93	ERDAY9 41162_1162
	41162	1163	-17.796	-35.47	1.173	2.606	17.607	-1078.68	-528.11	1680.58	ERDAY9 41162_1163
	41163	1163	17.494	35.62	-1.169	-2.786	-17.631	1077.412	-519.14	1536.84	ERDAY9 41163_1163
	41163	1164	-17.537	-31.931	1.169	2.786	27.271	-798.699	1168.91	611.5	ERDAY9 41163_1164
	41164	1164	17.003	32.485	-0.637	-4.887	-27.375	798.644	1157.79	600.28	ERDAY9 41164_1164
41164	1165	-17.175	-27.231	0.637	4.887	34.862	-447.629	3493.81	-643.78	ERDAY9 41164_1165	
41165	1165	21.46	29.427	-2.034	-1.348	-27.678	107.873	2987.53	-966.69	ERDAY10 41165_1165	
41165	1166	-21.82	-23.503	2.034	1.348	54.661	243.305	4318.78	-1728.99	ERDAY10 41165_1166	
41166	1166	21.071	24.66	3.05	-2.467	-54.865	-243.36	4306.87	-1740.96	ERDAY10 41166_1166	
41166	1167	-21.569	-19.075	-3.05	2.467	16.651	517.312	4888.92	-2086.62	ERDAY10 41166_1167	
41167	1167	21.066	19.633	3.032	-2.45	-16.753	-517.309	4879.5	-2096.03	ERDAY10 41167_1167	
41167	1168	-21.72	-14.045	-3.032	2.45	-21.343	728.923	4872.16	-2145.93	ERDAY10 41167_1168	
41168	1168	95.095	39.301	-4.703	0.461	99.123	1088.983	4698.72	2313.11	ERDAY10 41168_1168	
41168	1169	-95.095	-35.053	4.703	-0.461	-54.433	-735.72	3972.3	2326.38	ERDAY10 41168_1169	
41169	1169	95.093	35.053	-4.742	1.748	54.433	755.523	5189.09	3173.39	ERDAY10 41169_1169	
41169	1170	-95.093	-31.589	4.742	-1.748	-17.675	-497.229	4531	3156.24	ERDAY10 41169_1170	
41170	1170	95.093	31.589	-4.742	1.748	17.675	497.229	4531	3156.24	ERDAY10 41170_1170	
41170	1171	-95.093	-28.124	4.742	-1.748	19.083	-265.795	3963.59	3132.81	ERDAY10 41170_1171	
41171	1171	94.988	27.705	0.324	0.717	-19.083	265.769	3963.22	3132.41	ERDAY10 41171_1171	
41171	1172	-94.988	-24.128	-0.324	-0.717	16.489	-58.392	3570.47	3069.6	ERDAY10 41171_1172	
41172	1172	94.987	24.128	0.445	0.642	-16.489	58.394	3570.46	3069.59	ERDAY10 41172_1172	
41172	1173	-94.987	-20.557	-0.445	-0.642	12.928	120.163	3274.63	3000.2	ERDAY10 41172_1173	
41173	1173	94.988	20.557	0.324	0.489	-12.928	-120.164	3274.63	3000.2	ERDAY10 41173_1173	
41173	1174	-94.988	-16.98	-0.324	-0.489	10.335	270.337	3075	2924.05	ERDAY10 41173_1174	
41174	1174	94.995	17.9	-0.064	0.035	-10.335	-270.346	3075.05	2924.08	ERDAY10 41174_1174	
41174	1175	-94.995	-15.218	0.064	-0.035	10.715	369.721	3071.14	2827.33	ERDAY10 41174_1175	
41175	1175	94.995	15.218	0.095	0.651	-10.715	-369.72	3071.13	2827.33	ERDAY10 41175_1175	
41175	1176	-94.995	-12.535	-0.095	-0.651	10.145	452.999	3121.57	2726.83	ERDAY10 41175_1176	
41176	1176	94.995	12.535	-0.064	-0.104	-10.145	-452.999	3121.58	2726.83	ERDAY10 41176_1176	
41176	1177	-94.995	-9.853	0.064	0.104	10.527	520.176	3226.36	2622.58	ERDAY10 41176_1177	
41177	1177	94.995	9.853	-0.064	-0.104	-10.527	-520.176	3226.36	2622.58	ERDAY10 41177_1177	
41177	1178	-94.995	-7.171	0.064	0.104	10.907	571.254	3385.5	2514.57	ERDAY10 41177_1178	
41178	1178	94.993	8.059	0.121	0.12	-10.907	-571.265	3385.51	2514.57	ERDAY10 41178_1178	
41178	1179	-94.993	-4.486	-0.121	-0.12	9.94	621.393	3790.93	2318.44	ERDAY10 41178_1179	
41179	1179	94.993	4.486	0	-0.673	-9.94	-621.393	3790.93	2318.44	ERDAY10 41179_1179	
41179	1180	-94.993	-0.909	0	0.673	9.942	642.981	4293.41	2115.41	ERDAY10 41179_1180	
41180	1180	94.993	0.909	0	-0.673	-9.942	-642.981	4293.41	2115.41	ERDAY10 41180_1180	
41180	1181	-94.993	2.667	0	0.673	9.944	635.95	4892.5	1905.7	ERDAY10 41180_1181	
41181	1181	94.898	-2.829	4.952	-1.788	-9.944	-635.98	4892.19	1905.3	ERDAY10 41181_1181	
41181	1182	-94.898	6.293	-4.952	1.788	-28.447	600.624	5661.16	1662.15	ERDAY10 41181_1182	
41182	1182	94.898	-9.933	4.952	-1.788	28.447	-600.624	5661.16	1662.15	ERDAY10 41182_1182	
41182	1183	-94.898	13.399	-4.952	1.788	-66.839	510.192	6500.99	1447.76	ERDAY10 41182_1183	
41183	1183	94.895	-13.399	4.991	-0.656	66.839	-527.769	5234.23	822.46	ERDAY10 41183_1183	
41183	1184	-94.895	17.646	-4.991	0.656	-114.267	380.274	6179.74	553.9	ERDAY10 41183_1184	
41184	1184	31.82	14.229	-2.775	1.255	29.029	-2443.08	5673.69	-3002.7	ERDAY10 41184_1184	
41184	1185	-31.166	-8.645	2.775	-1.255	5.811	2586.688	6126.83	-3474.82	ERDAY10 41184_1185	
41185	1185	30.93	9.461	-2.751	3.429	-5.927	-2586.69	6134.44	-3467.21	ERDAY10 41185_1185	
41185	1186	-30.431	-3.872	2.751	-3.429	40.419	2670.269	6149.86	-3832.21	ERDAY10 41185_1186	
41186	1186	30.225	4.26	1.4	1.755	-40.187	-2670.3	6159.1	-3823.04	ERDAY10 41186_1186	
41186	1187	-29.864	1.664	-1.4	-1.755	21.618	2687.521	5570.56	-3954.28	ERDAY10 41186_1187	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS			
SPAN 8 -- Day 148 minus Cumulative Affects thru Day 40	41187	1187	28.033	82.257	0.857	3.287	-34.934	8834.611	-8322.59	11204.81	ERDAY7	41187_1187	
	41187	1188	-27.861	-77.003	-0.857	-3.287	24.857	-7898.48	-10175.7	11871.22	ERDAY7	41187_1188	
	41188	1188	26.608	75.588	0.944	4.519	-24.808	7898.529	-10173.1	11873.96	ERDAY7	41188_1188	
	41188	1189	-26.565	-71.904	-0.944	-4.519	17.028	-7290.71	-10865	11731.7	ERDAY7	41188_1189	
	41189	1189	25.958	72.126	0.956	1.153	-16.99	7294.996	-9951.15	11571.14	ERDAY7	41189_1189	
	41189	1190	-25.958	-65.978	-0.956	-1.153	3.844	-6345.32	-10326.5	10729.64	ERDAY7	41189_1190	
	41190	1190	25.971	67.995	0.303	4.305	-3.844	6345.246	-10326.4	10729.55	ERDAY7	41190_1190	
	41190	1191	-25.971	-63.076	-0.303	-4.305	0.505	-5624.21	-10238.5	9951.26	ERDAY7	41190_1191	
	41191	1191	25.97	63.076	0.327	-0.806	-0.505	5624.21	-10238.5	9951.26	ERDAY7	41191_1191	
	41191	1192	-25.97	-58.158	-0.327	0.806	-3.094	-4957.27	-9964.91	9159.46	ERDAY7	41191_1192	
	41192	1192	25.978	60.607	-0.059	-1.928	3.094	4957.235	-9964.84	9159.42	ERDAY7	41192_1192	
	41192	1193	-25.978	-56.087	0.059	1.928	-2.492	-4367.23	-9375.12	8328.98	ERDAY7	41192_1193	
	41193	1193	25.978	56.087	-0.086	2.39	2.492	4367.227	-9375.12	8328.98	ERDAY7	41193_1193	
	41193	1194	-25.978	-51.566	0.086	-2.39	-1.631	-3822.94	-8628.51	7487.17	ERDAY7	41193_1194	
	41194	1194	25.995	53.876	-0.784	-1.37	1.631	3822.938	-8628.53	7487.24	ERDAY7	41194_1194	
	41194	1195	-25.995	-49.356	0.784	1.37	6.292	-3300.98	-7557.35	6547.18	ERDAY7	41194_1195	
	41195	1195	25.995	49.356	-0.784	-1.37	-6.292	3300.983	-7557.35	6547.18	ERDAY7	41195_1195	
	41195	1196	-25.995	-44.837	0.784	1.37	14.214	-2824.74	-6329.27	5595.72	ERDAY7	41195_1196	
	41196	1196	25.973	46.949	0.006	-1.621	-14.214	2824.672	-6329.22	5595.56	ERDAY7	41196_1196	
	41196	1197	-25.973	-42.03	-0.006	1.621	14.145	-2335.19	-4628.18	4453.62	ERDAY7	41196_1197	
	41197	1197	25.973	42.03	0.03	-3.788	-14.145	2335.186	-4628.18	4453.62	ERDAY7	41197_1197	
	41197	1198	-25.973	-37.117	-0.03	3.788	13.812	-1900.18	-2743.15	3299.21	ERDAY7	41197_1198	
	41198	1198	26.02	35.617	-1.736	-3.9	-13.812	1900.146	-2743.01	3299.32	ERDAY7	41198_1198	
	41198	1199	-26.02	-29.47	1.736	3.9	37.681	-1452.58	66.27	1786.43	ERDAY7	41198_1199	
	41199	1199	25.773	29.687	-1.729	-4.348	-37.72	1446.383	108.37	1533.28	ERDAY7	41199_1199	
	41199	1200	-25.815	-25.998	1.729	4.348	51.99	-1216.62	1881.3	734.08	ERDAY7	41199_1200	
	41200	1200	25.35	25.623	0.758	-7.526	-52.15	1216.511	1869.35	721.95	ERDAY7	41200_1200	
	41200	1201	-25.526	-20.369	-0.758	7.526	43.23	-946.17	4272.97	-356.68	ERDAY7	41200_1201	
	PIER 8 -- Day 148 minus Cumulative Affects thru Day 47	41201	1201	26.281	22.863	-1.964	-0.866	-41.124	648.6	3034.68	-506.38	ERDAY8	41201_1201
		41201	1202	-26.647	-16.944	1.964	0.866	67.159	-384.697	4274.29	-1141.79	ERDAY8	41201_1202
		41202	1202	26.063	18.023	2.753	-2.793	-67.426	384.602	4262.43	-1153.85	ERDAY8	41202_1202
		41202	1203	-26.567	-12.433	-2.753	2.793	32.919	-193.683	4830.45	-1488.69	ERDAY8	41202_1203
		41203	1203	26.237	13.116	2.753	-1.942	-32.981	193.683	4820.99	-1498.16	ERDAY8	41203_1203
		41203	1204	-26.898	-7.527	-2.753	1.942	-1.604	-63.992	4842.32	-1609.3	ERDAY8	41203_1204
		41204	1204	50.342	41.706	-2.704	2.064	31.457	1448.475	4486.43	2526.04	ERDAY8	41204_1204
41204		1205	-50.342	-37.458	2.704	-2.064	-5.763	-1072.37	3868.61	2488.61	ERDAY8	41204_1205	
41205		1205	50.343	37.458	-2.671	2.067	5.763	1086.003	4642.35	3332.2	ERDAY8	41205_1205	
41205		1206	-50.343	-33.998	2.671	-2.067	14.91	-809.41	4145.57	3266.38	ERDAY8	41205_1206	
41206		1206	50.343	33.998	-2.672	2.089	-14.91	809.41	4145.57	3266.38	ERDAY8	41206_1206	
41206		1207	-50.343	-30.532	2.672	-2.089	35.62	-559.302	3722.4	3198.42	ERDAY8	41206_1207	
41207		1207	50.26	30.064	0.456	1.17	-35.62	559.287	3721.86	3197.81	ERDAY8	41207_1207	
41207		1208	-50.26	-26.486	-0.456	-1.17	31.966	-333.036	3446.54	3101.44	ERDAY8	41207_1208	
41208		1208	50.26	26.486	0.393	1.587	-31.966	333.036	3446.55	3101.45	ERDAY8	41208_1208	
41208		1209	-50.26	-22.909	-0.393	-1.587	28.816	-135.411	3250.41	3002.88	ERDAY8	41208_1209	
41209		1209	50.26	22.909	0.393	1.587	-28.816	135.411	3250.41	3002.88	ERDAY8	41209_1209	
41209		1210	-50.26	-19.334	-0.393	-1.587	25.664	33.595	3133.42	2902.1	ERDAY8	41209_1210	
41210		1210	50.254	20.083	0.678	0.912	-25.664	-33.613	3133.59	2902.23	ERDAY8	41210_1210	
41210		1211	-50.254	-17.4	-0.678	-0.912	21.592	146.087	3161.62	2800.8	ERDAY8	41210_1211	
41211		1211	50.255	17.4	0.595	0.668	-21.592	-146.09	3161.63	2800.81	ERDAY8	41211_1211	
41211		1212	-50.255	-14.718	-0.595	-0.668	18.022	242.461	3234.17	2698.14	ERDAY8	41211_1212	
41212		1212	50.255	14.718	0.597	0.676	-18.022	-242.461	3234.17	2698.14	ERDAY8	41212_1212	
41212		1213	-50.255	-12.04	-0.597	-0.676	14.448	322.615	3351.02	2594.41	ERDAY8	41212_1213	
41213		1213	50.254	12.04	0.678	1.203	-14.448	-322.614	3351.01	2594.4	ERDAY8	41213_1213	
41213		1214	-50.254	-9.357	-0.678	-1.203	10.376	386.817	3512.55	2489.26	ERDAY8	41213_1214	
41214		1214	50.253	9.87	0.669	0.112	-10.376	-386.83	3512.74	2489.43	ERDAY8	41214_1214	
41214		1215	-50.253	-6.293	-0.669	-0.112	5.018	451.492	3881.41	2316.68	ERDAY8	41214_1215	
41215		1215	50.253	6.293	0.733	0.677	-5.018	-451.492	3881.41	2316.69	ERDAY8	41215_1215	
41215		1216	-50.253	-2.716	-0.733	-0.677	-0.843	487.534	4329.26	2141.73	ERDAY8	41215_1216	
41216		1216	50.253	2.716	0.669	0.068	0.843	-487.535	4329.25	2141.72	ERDAY8	41216_1216	
41216		1217	-50.253	0.86	-0.669	-0.068	-6.201	494.957	4856.25	1964.57	ERDAY8	41216_1217	
41217		1217	50.153	-0.813	4.442	-1.165	6.201	-494.998	4855.79	1964.05	ERDAY8	41217_1217	
41217		1218	-50.153	4.278	-4.442	1.165	-40.637	475.268	5523	1763.67	ERDAY8	41217_1218	
41218		1218	50.153	-4.278	4.444	-1.152	40.637	-475.268	5523	1763.67	ERDAY8	41218_1218	
41218	1219	-50.153	7.739	-4.444	1.152	-75.04	428.755	6263.49	1561.49	ERDAY8	41218_1219		
41219	1219	50.155	-7.739	4.41	-0.375	75.04	-440.873	5476.64	946.83	ERDAY8	41219_1219		
41219	1220	-50.155	11.986	-4.41	0.375	-116.945	347.165	6393.4	688.77	ERDAY8	41219_1220		
41220	1220	36.264	25.384	-2.067	8.885	19.767	-2052.56	5902.41	-2583.65	ERDAY8	41220_1220		
41220	1221	-35.604	-19.795	2.067	-8.885	6.214	2336.379	6385.31	-2995.64	ERDAY8	41220_1221		
41221	1221	35.073	20.706	-2.229	-2.139	-5.155	-2336.4	6392.97	-2988.01	ERDAY8	41221_1221		
41221	1222	-34.568	-15.118	2.229	2.139	33.089	2560.931	6476.1	-3346.86	ERDAY8	41221_1222		
41222	1222	34.055	15.083	2.761	0.595	-33.226	-2560.77	6484.36	-3337.66	ERDAY8	41222_1222		
41222	1223	-33.689	-9.16	-2.761	-0.595	-3.398	2721.587	5981.17	-3538.32	ERDAY8	41222_1223		

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 9 - Day 148 minus Cumulative Affects thru Day 26	41223	1223	34.342	95.145	-0.462	35.2	23.429	9686.183	-6381.85	9922.87	ERDAY5	41223_1223
	41223	1224	-34.167	-89.893	0.462	-35.2	-18	-8598.75	-8355.49	10446.13	ERDAY5	41223_1224
	41224	1224	32.745	92.238	0.48	-13.499	18.957	8597.916	-8350.4	10449.52	ERDAY5	41224_1224
	41224	1225	-32.702	-88.55	-0.48	13.499	-22.92	-7852.14	-9203.9	10255.4	ERDAY5	41224_1225
	41225	1225	31.966	88.819	0.364	14.917	22.806	7852.07	-7878.24	9387.04	ERDAY5	41225_1225
	41225	1226	-31.966	-81.484	-0.364	-14.917	-28.779	-6454.74	-8433.83	8398.13	ERDAY5	41225_1226
	41226	1226	31.983	85.32	-0.517	-10.352	28.779	6453.667	-8432.4	8396.8	ERDAY5	41226_1226
	41226	1227	-31.983	-79.804	0.517	10.352	-22.403	-5434.84	-8400.07	7533.09	ERDAY5	41226_1227
	41227	1227	31.98	79.804	-0.672	16.114	22.403	5434.826	-8400.06	7533.07	ERDAY5	41227_1227
	41227	1228	-31.98	-74.292	0.672	-16.114	-14.112	-4484.78	-8169.31	6662.24	ERDAY5	41227_1228
	41228	1228	31.998	77.716	-1.408	-4.905	14.112	4483.558	-8167.18	6660.55	ERDAY5	41228_1228
	41228	1229	-31.998	-70.039	1.408	4.905	3.261	-3571.84	-7522.54	5686.82	ERDAY5	41228_1229
	41229	1229	31.993	70.039	-1.512	6.717	-3.261	3571.831	-7522.56	5686.81	ERDAY5	41229_1229
	41229	1230	-31.993	-62.369	1.512	-6.717	21.904	-2755.43	-6695.21	4733.31	ERDAY5	41229_1230
	41230	1230	31.843	65.349	1.583	-4.692	-21.904	2754.277	-6693	4731.08	ERDAY5	41230_1230
	41230	1231	-31.843	-57.678	-1.583	4.692	2.373	-1995.64	-5465.29	3695.37	ERDAY5	41230_1231
	41231	1231	31.848	57.678	1.48	1.818	-2.373	1995.642	-5465.28	3695.38	ERDAY5	41231_1231
	41231	1232	-31.848	-50.014	-1.48	-1.818	-15.864	-1332.06	-4055.5	2679.89	ERDAY5	41231_1232
	41232	1232	31.835	48.25	1.799	-5.486	15.864	1331.578	-4054.19	2679.1	ERDAY5	41232_1232
	41232	1233	-31.835	-42.103	-1.799	5.486	-33.653	-885.068	-2662.38	1851.25	ERDAY5	41232_1233
	41233	1233	31.841	42.103	1.698	-2.669	33.653	885.081	-2662.39	1851.27	ERDAY5	41233_1233
	41233	1234	-31.841	-34.965	-1.698	2.669	-53.141	-442.893	-898.87	905.79	ERDAY5	41233_1234
	41234	1234	31.709	35.091	1.555	-0.847	53.138	442.189	-846.93	843.88	ERDAY5	41234_1234
	41234	1235	-31.719	-33.137	-1.555	0.847	-58.023	-335.008	-364.28	604.51	ERDAY5	41234_1235
	41235	1235	20.362	28.268	-3.931	-3.566	46.864	778.402	-902.63	1061.83	ERDAY6	41235_1235
	41235	1236	-20.481	-23.824	3.931	3.566	-18.774	-592.327	253.87	521.69	ERDAY6	41235_1236
	41236	1236	20.52	23.783	-3.974	-2.31	18.804	592.332	255.05	522.89	ERDAY6	41236_1236
	41236	1237	-20.666	-17.74	3.974	2.31	19.818	-390.629	1736.49	-107.74	ERDAY6	41236_1237
	41237	1237	20.257	18.192	-4.032	-2.413	-19.887	382.204	895.74	-26.36	ERDAY6	41237_1237
	41237	1238	-20.401	-15.223	4.032	2.413	39.151	-302.433	1259.61	-193.29	ERDAY6	41237_1238
	41238	1238	20.166	15.661	-4.041	-2.579	-39.22	302.351	1254.3	-198.03	ERDAY6	41238_1238
	41238	1239	-20.598	-8.993	4.041	2.579	82.607	-170.188	1949.97	-493.09	ERDAY6	41238_1239
	41239	1239	20.395	9.418	-4.102	-0.368	-82.606	170.207	1943.87	-499.16	ERDAY6	41239_1239
	41239	1240	-20.991	-2.623	4.102	0.368	127.536	-104.535	2385.65	-674.45	ERDAY6	41239_1240
41240	1240	19.614	6.542	7.491	-6.854	-128.446	103.768	2373.5	-685.73	ERDAY6	41240_1240	
41240	1241	-20.443	0.822	-7.491	6.854	39.359	-70.176	2634.94	-796.43	ERDAY6	41240_1241	
41241	1241	-11.342	51.473	3.551	6.248	-50.319	1323.47	2265.83	1885.16	ERDAY6	41241_1241	
41241	1242	11.342	-45.563	-3.551	-6.248	16.576	-862.396	1889.55	1768.83	ERDAY6	41241_1242	
41242	1242	-11.338	45.563	3.563	7.009	-16.576	861.772	2034.14	1882.23	ERDAY6	41242_1242	
41242	1243	11.338	-43.594	-3.563	-7.009	5.301	-720.701	1913.3	1843.51	ERDAY6	41242_1243	
41243	1243	-11.103	44.537	0.509	0.869	-5.301	720.144	1911.6	1841.97	ERDAY6	41243_1243	
41243	1244	11.103	-38.805	-0.509	-0.869	0.611	-336.184	1658.96	1711.3	ERDAY6	41243_1244	
41244	1244	-11.101	38.805	0.545	1.966	-0.611	336.179	1659.04	1711.38	ERDAY6	41244_1244	
41244	1245	11.101	-32.331	-0.545	-1.966	-5.065	34.013	1444.89	1575.64	ERDAY6	41244_1245	
41245	1245	-11.077	32.54	0.256	1.895	5.065	-34.016	1445.35	1576	ERDAY6	41245_1245	
41245	1246	11.077	-26.477	-0.256	-1.895	-7.56	321.678	1359.2	1443.9	ERDAY6	41245_1246	
41246	1246	-11.077	26.477	0.291	0.856	7.56	-321.682	1359.24	1443.94	ERDAY6	41246_1246	
41246	1247	11.077	-20.331	-0.291	-0.856	-10.444	552.927	1339.56	1321.32	ERDAY6	41246_1247	
41247	1247	-11.075	20.782	0.322	1.587	10.444	-552.766	1339.78	1321.46	ERDAY6	41247_1247	
41247	1248	11.075	-15.133	-0.322	-1.587	-13.373	715.844	1434.95	1198.84	ERDAY6	41247_1248	
41248	1248	-11.075	15.133	0.345	0.179	13.373	-715.845	1434.95	1198.84	ERDAY6	41248_1248	
41248	1249	11.075	-8.581	-0.345	-0.179	-17.002	840.769	1617.43	1068.57	ERDAY6	41248_1249	
41249	1249	-11.1	8.714	0.869	2.037	17.002	-840.512	1616.44	1067.74	ERDAY6	41249_1249	
41249	1250	11.1	-2.284	-0.869	-2.037	-25.983	897.362	1933.45	930.9	ERDAY6	41249_1250	
41250	1250	-11.097	2.284	0.914	-1.566	25.983	-897.362	1933.48	930.93	ERDAY6	41250_1250	
41250	1251	11.097	-3.494	-0.914	1.566	-34.467	891.746	2281.86	818.56	ERDAY6	41250_1251	
41251	1251	-11.03	-2.087	-0.396	1.597	34.467	-891.486	2284.04	821.22	ERDAY6	41251_1251	
41251	1252	11.03	8.389	0.396	-1.597	-30.45	838.42	2825.38	671.39	ERDAY6	41251_1252	
41252	1252	-11.033	-12.029	-0.363	-0.952	30.45	-838.421	2825.21	671.23	ERDAY6	41252_1252	
41252	1253	11.033	19	0.363	0.952	-26.384	664.527	3488.58	548.42	ERDAY6	41252_1253	
41253	1253	-11.032	-19	-0.37	-0.484	26.384	-664.329	3394.77	478.4	ERDAY6	41253_1253	
41253	1254	11.032	20.966	0.37	0.484	-25.211	601.168	3594.3	443.67	ERDAY6	41253_1254	
41254	1254	-11.258	-17.92	5.14	-14.011	25.211	-601.601	3589.45	439.46	ERDAY6	41254_1254	
41254	1255	11.258	21.859	-5.14	14.011	-57.767	475.623	4072.91	340.66	ERDAY6	41254_1255	
41255	1255	25.018	36.978	5.469	9.724	-11.844	-2072.32	3649.97	-1631.88	ERDAY6	41255_1255	
41255	1256	-24.434	-31.96	-5.469	-9.724	-32.477	2351.983	3835.55	-1854.29	ERDAY6	41255_1256	
41256	1256	23.945	32.335	5.427	4.563	33.029	-2351.99	3838.41	-1851.43	ERDAY6	41256_1256	
41256	1257	-23.497	-27.836	-5.427	-4.563	-72.415	2570.552	3953.28	-2063.81	ERDAY6	41256_1257	
41257	1257	23.229	22.163	-13.03	7.433	72.196	-2570.18	3958.22	-2057.69	ERDAY6	41257_1257	
41257	1258	-22.707	-15.725	13.03	-7.433	62.931	2766.874	4010.42	-2336.87	ERDAY6	41257_1258	
41258	1258	22.325	16.212	-13.093	0.682	-62.368	-2766.9	4015.01	-2332.31	ERDAY6	41258_1258	
41258	1259	-21.88	-8.361	13.093	-0.682	227.78	2922.299	3828.73	-2586.21	ERDAY6	41258_1259	

PIER 9 - Day 148 minus Cumulative Affects thru Day 33

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 10 -- Day 148 minus Cumulative Affects thru Day 5	41259	1259	72.741	8.887	2.304	-13.931	-16.438	10121.4	-6059.51	9380.46	ERDAY2 41259_1259
	41259	1260	-72.534	-2.328	-2.304	13.931	-7.87	-10062.2	-8022.17	10678.08	ERDAY2 41259_1260
	41260	1260	72.493	3.476	2.143	8.381	7.449	10062.18	-8015.58	10684.69	ERDAY2 41260_1260
	41260	1261	-72.426	2.403	-2.143	-8.381	-27.703	-10057.1	-9389.21	11377.01	ERDAY2 41260_1261
	41261	1261	72.445	-1.762	2.106	13.383	27.776	10049.9	-10386.3	11283.08	ERDAY2 41261_1261
	41261	1262	-72.445	3.733	-2.106	-13.383	-34.449	-10058.6	-10802.6	11406.87	ERDAY2 41261_1262
	41262	1262	72.547	-4.967	-3.008	-16.796	34.449	10057.16	-10800.8	11405.4	ERDAY2 41262_1262
	41262	1263	-72.547	11.88	3.008	16.796	-1.013	-10150.8	-11936.2	11798.27	ERDAY2 41262_1263
	41263	1263	72.535	-11.88	-3.262	18.749	1.013	10150.78	-11936.3	11798.24	ERDAY2 41263_1263
	41263	1264	-72.535	19.303	3.262	-18.749	37.918	-10336.9	-12940.9	12227.37	ERDAY2 41263_1264
	41264	1264	72.491	-14.024	-0.913	-19.849	-37.918	10335.8	-12939.6	12226.06	ERDAY2 41264_1264
	41264	1265	-72.491	21.224	0.913	19.849	48.487	-10539.8	-13442.5	12528.45	ERDAY2 41264_1265
	41265	1265	72.487	-21.224	-1.174	18.056	-48.487	10539.83	-13442.5	12528.43	ERDAY2 41265_1265
	41265	1266	-72.487	28.365	1.174	-18.056	61.962	-10824.5	-13734.7	12835.34	ERDAY2 41265_1266
	41266	1266	72.479	-22.871	-0.89	-16.517	-61.962	10823.97	-13734.1	12834.71	ERDAY2 41266_1266
	41266	1267	-72.479	30.135	0.89	16.517	72.348	-11133.5	-13550.1	13027.49	ERDAY2 41266_1267
	41267	1267	72.477	-30.135	-1.068	10.938	-72.348	11133.47	-13550.1	13027.48	ERDAY2 41267_1267
	41267	1268	-72.477	37.207	1.068	-10.938	84.492	-11516.3	-13166.6	13222.11	ERDAY2 41267_1268
	41268	1268	72.465	-32.04	-4.026	-22.985	-84.492	11516.33	-13166.7	13222.13	ERDAY2 41268_1268
	41268	1269	-72.465	40.156	4.026	22.985	137.034	-11987.4	-12185	13318.48	ERDAY2 41268_1269
	41269	1269	72.451	-40.156	-4.263	16.105	-137.034	11987.41	-12185	13318.45	ERDAY2 41269_1269
	41269	1270	-72.451	47.279	4.263	-16.105	185.844	-12488	-11104.7	13410.45	ERDAY2 41269_1270
	41270	1270	72.453	-40.401	7.62	-31.523	-185.844	12488.04	-11104.7	13410.44	ERDAY2 41270_1270
	41270	1271	-72.453	46.102	-7.62	31.523	115.999	-12884.5	-9893.22	13383.28	ERDAY2 41270_1271
	41271	1271	72.472	-49.742	7.436	1.422	-115.999	12884.5	-9893.19	13383.38	ERDAY2 41271_1271
	41271	1272	-72.472	56.682	-7.436	-1.422	33.037	-13478.3	-8263.82	13394.71	ERDAY2 41271_1272
	41272	1272	72.77	-56.323	7.252	36.037	-32.859	13475.33	-7375.67	12063.39	ERDAY2 41272_1272
	41272	1273	-72.786	58.918	-7.252	-36.037	2.607	-13715.7	-6904.33	11993.69	ERDAY2 41272_1273
	41273	1273	73.246	-54.495	0.772	-27.68	-3.198	13716.8	-6909.09	11990.41	ERDAY2 41273_1273
	41273	1274	-73.337	59.442	-0.772	27.68	-2.945	-14169.9	-5686.23	11467.43	ERDAY2 41273_1274
41274	1274	74.114	-58.473	0.667	-7.083	3.16	14169.93	-5691.12	11462.58	ERDAY2 41274_1274	
41274	1275	-74.282	63.371	-0.667	7.083	-8.413	-14649.8	-4342.83	10605.45	ERDAY2 41274_1275	
41275	1275	75.042	-62.473	0.399	47.04	10.501	14634	-4348.88	8605.43	ERDAY2 41275_1275	
41275	1276	-75.164	65.071	-0.399	-47.04	-12.168	-14900.6	-3848.2	8189.88	ERDAY2 41275_1276	
41276	1276	4.994	1.261	4.61	-4.519	-126.248	1351.567	4041.07	-818.77	ERDAY4 41276_1276	
41276	1277	-5.461	6.044	-4.61	4.519	72.03	-1379.88	4504.48	-1028.34	ERDAY4 41276_1277	
41277	1277	5.619	-5.913	4.591	2.501	-71.699	1379.901	4496.96	-1035.89	ERDAY4 41277_1277	
41277	1278	-6.333	13.847	-4.591	-2.501	12.984	-1506.6	4566.06	-1113.16	ERDAY4 41277_1278	
41278	1278	6.975	-16.939	-1.611	1.194	-13.086	1506.593	4561	-1118.33	ERDAY4 41278_1278	
41278	1279	-7.655	22.899	1.611	-1.194	28.59	-1698.7	4372.66	-1094.69	ERDAY4 41278_1279	
41279	1279	-105.609	54.643	-0.951	3.184	-43.075	1908.72	4352.75	1744.86	ERDAY4 41279_1279	
41279	1280	105.609	-48.732	0.951	-3.184	52.12	-1417.56	3782.21	1703.57	ERDAY4 41279_1280	
41280	1280	-105.609	48.732	-0.893	4.055	-52.12	1407.608	4981.88	2288.07	ERDAY4 41280_1280	
41280	1281	105.609	-45.361	0.893	-4.055	56.962	-1152.6	4588.88	2250.87	ERDAY4 41280_1281	
41281	1281	-105.604	51.53	2.338	0.108	-56.962	1186.618	3281.5	1867.39	ERDAY4 41281_1281	
41281	1282	105.604	-43.842	-2.338	-0.108	28.059	-597.242	2864.29	1676.16	ERDAY4 41281_1282	
41282	1282	-105.597	43.842	2.654	1.894	-28.059	597.238	2864.35	1676.22	ERDAY4 41282_1282	
41282	1283	105.597	-36.29	-2.654	-1.894	-4.172	-110.734	2514.81	1520.12	ERDAY4 41282_1283	
41283	1283	-105.594	31.09	-0.261	2.629	4.172	110.724	2514.83	1520.12	ERDAY4 41283_1283	
41283	1284	105.594	-23.374	0.261	-2.629	-0.939	227.114	2320.07	1395.38	ERDAY4 41283_1284	
41284	1284	-105.594	23.374	0.082	1.892	0.939	-227.121	2320.03	1395.34	ERDAY4 41284_1284	
41284	1285	105.594	-16.683	-0.082	-1.892	-1.824	442.57	2201.71	1313.78	ERDAY4 41284_1285	
41285	1285	-105.609	17.273	1.107	2.532	1.824	-442.529	2201.52	1313.71	ERDAY4 41285_1285	
41285	1286	105.609	-10.312	-1.107	-2.532	-14.204	596.869	2238.47	1213.86	ERDAY4 41285_1286	
41286	1286	-105.605	10.312	1.423	0.742	14.204	-596.875	2238.41	1213.79	ERDAY4 41286_1286	
41286	1287	105.605	-3.841	-1.423	-0.742	-29.006	670.497	2318.33	1144.95	ERDAY4 41286_1287	
41287	1287	-105.604	4.511	0.914	2.399	29.006	-670.522	2318.55	1145.13	ERDAY4 41287_1287	
41287	1288	105.604	3.635	-0.914	-2.399	-40.984	676.258	2610.32	1042.56	ERDAY4 41287_1288	
41288	1288	-105.6	-7.275	1.278	0.071	40.984	-676.262	2610.37	1042.6	ERDAY4 41288_1288	
41288	1289	105.6	14.255	-1.278	-0.071	-55.325	555.452	2893.96	1014.37	ERDAY4 41288_1289	
41289	1289	-105.612	-14.139	-1.194	-3.637	55.325	-555.44	2893.96	1014.37	ERDAY4 41289_1289	
41289	1290	105.612	16.63	1.194	3.637	-50.541	493.828	3043.08	998.45	ERDAY4 41289_1290	
41290	1290	-105.613	-16.63	-1.042	-4.405	50.541	-488.082	2370.82	640.72	ERDAY4 41290_1290	
41290	1291	105.613	22.539	1.042	4.405	-40.64	302.029	2658.67	602.08	ERDAY4 41290_1291	
41291	1291	23.027	68.26	-1.088	11.853	-76.279	-1000.48	2981.03	-1334.82	ERDAY4 41291_1291	
41291	1292	-22.521	-63.66	1.088	-11.853	84.369	1490.841	2952.8	-1498.13	ERDAY4 41291_1292	
41292	1292	21.05	64.723	2.207	7.317	-83.557	-1490.87	2958.82	-1492.2	ERDAY4 41292_1292	
41292	1293	-20.384	-56.864	-2.207	-7.317	55.604	2261.316	2714.74	-1770.91	ERDAY4 41292_1293	
41293	1293	18.818	57.404	2.133	-1.445	-54.876	-2261.35	2720.99	-1764.69	ERDAY4 41293_1293	
41293	1294	-18.437	-50.453	-2.133	1.445	31.007	2864.747	2226.84	-1925.79	ERDAY4 41293_1294	

PIER 10 -- Day 148 minus Cumulative Affects thru Day 19

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM		
									STRESS	STRESS		
SPAN 11 -- Day 148 minus Cumulative Affects thru Day 12	41294	1294	1.431	50.325	2.608	19.109	-89.354	-3852.4	2730.67	-2538.15	ERDAY3	41294_1294
	41294	1295	-1.288	-45.94	-2.608	-19.109	70.963	4191.858	2364.16	-2614.66	ERDAY3	41294_1295
	41295	1295	0.515	45.955	2.608	3.131	-70.422	-4191.92	3160.66	-3332.59	ERDAY3	41295_1295
	41295	1296	-0.454	-41.504	-2.608	-3.131	51.754	4504.923	2240.15	-3225.98	ERDAY3	41295_1296
	41296	1296	-0.014	41.506	2.609	-1.006	-51.713	-4504.93	2244.87	-3221.24	ERDAY3	41296_1296
	41296	1297	0.017	-36.036	-2.609	1.006	28.773	4845.903	1057.66	-2979.43	ERDAY3	41296_1297
	41297	1297	-0.031	35.994	1.195	18.553	-28.773	-4845.91	1057.9	-2979.2	ERDAY3	41297_1297
	41297	1298	0.031	-33.474	-1.195	-18.553	23.932	4986.667	571.63	-2879.31	ERDAY3	41297_1298
	41298	1298	-0.029	33.474	1.195	10.822	-23.932	-4986.68	988.53	-2317.58	ERDAY3	41298_1298
	41298	1299	0.029	-28.208	-1.195	-10.822	13.818	5247.776	461.31	-2216.56	ERDAY3	41298_1299
	41299	1299	-0.025	28.208	1.195	-5.986	-13.818	-5247.78	461.33	-2216.55	ERDAY3	41299_1299
	41299	1300	0.025	-20.753	-1.195	5.986	-0.502	5541.196	-246.58	-2058.62	ERDAY3	41299_1300
	41300	1300	-0.022	19.883	0.369	14.955	0.502	-5541.21	-246.57	-2058.62	ERDAY3	41300_1300
	41300	1301	0.022	-11.695	-0.369	-14.955	-5.357	5749.042	-871.63	-1899.18	ERDAY3	41300_1301
	41301	1301	-0.02	11.695	0.369	-8.085	5.357	-5749.06	-871.62	-1899.18	ERDAY3	41301_1301
	41301	1302	0.02	-4.648	-0.369	8.085	-9.535	5841.631	-1365.97	-1745.08	ERDAY3	41301_1302
	41302	1302	-0.019	4.76	0.605	15.466	9.535	-5841.65	-1365.96	-1745.08	ERDAY3	41302_1302
	41302	1303	0.019	3.612	-0.605	-15.466	-17.68	5849.374	-1780.48	-1588.6	ERDAY3	41302_1303
	41303	1303	-0.017	-3.612	0.605	-11.972	17.68	-5849.38	-1780.47	-1588.59	ERDAY3	41303_1303
	41303	1304	0.017	10.48	-0.605	11.972	-24.36	5771.581	-2077.92	-1443.78	ERDAY3	41303_1304
	41304	1304	-0.014	-10.147	0.746	11.88	24.36	-5771.61	-2077.93	-1443.79	ERDAY3	41304_1304
	41304	1305	0.014	18.274	-0.746	-11.88	-34.109	5585.939	-2256.96	-1302.47	ERDAY3	41304_1305
	41305	1305	-0.011	-18.274	0.746	-10.336	34.109	-5585.94	-2256.95	-1302.47	ERDAY3	41305_1305
	41305	1306	0.011	25.384	-0.746	10.336	-42.636	5336.421	-2369.6	-1161.79	ERDAY3	41305_1306
	41306	1306	-0.007	-28.361	1.867	8.813	42.636	-5336.42	-2369.59	-1161.78	ERDAY3	41306_1306
	41306	1307	0.007	35.739	-1.867	-8.813	-64.794	4956.222	-2348.66	-1021.53	ERDAY3	41306_1307
	41307	1307	0	-35.739	1.868	-8.497	64.794	-4956.22	-2348.66	-1021.51	ERDAY3	41307_1307
	41307	1308	0	43.599	-1.868	8.497	-88.397	4454.954	-2277.73	-853.26	ERDAY3	41307_1308
	41308	1308	0.007	-43.086	1.907	5.724	88.397	-4454.96	-2277.72	-853.25	ERDAY3	41308_1308
	41308	1309	-0.007	50.651	-1.907	-5.724	-111.595	3884.878	-2053.54	-717.13	ERDAY3	41308_1309
	41309	1309	0.014	-50.651	1.907	-9.168	111.595	-3884.87	-2053.53	-717.12	ERDAY3	41309_1309
	41309	1310	-0.014	58.327	-1.907	9.168	-135.13	3212.426	-1778.57	-560.6	ERDAY3	41309_1310
	41310	1310	0.014	-56.662	-1.654	0.059	135.13	-3212.41	-1778.58	-560.6	ERDAY3	41310_1310
	41310	1311	-0.014	64.63	1.654	-0.059	-113.948	2435.558	-1331.74	-429.49	ERDAY3	41310_1311
	41311	1311	0.008	-64.63	-1.653	-9.265	113.948	-2435.54	-1331.76	-429.49	ERDAY3	41311_1311
	41311	1312	-0.008	72.58	1.653	9.265	-92.813	1558.675	-834.51	-278.76	ERDAY3	41311_1312
41312	1312	-0.012	-80.592	-5.17	-2.401	92.813	-1558.66	-834.56	-278.79	ERDAY3	41312_1312	
41312	1313	0.012	91.758	5.17	2.401	0	11.599	-0.43	3.75	ERDAY3	41312_1313	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113	42039	2039	-0.631	-8.773	0.938	2.087	-25.346	103.991	-1684.54	3410.97	ERDAY15	42039_2039
	42039	2040	0.631	8.773	-0.938	-2.087	14.325	-207.119	1657	3054.37	ERDAY15	42039_2040
	42040	2040	-0.66	-0.456	-0.487	2.903	-14.325	207.128	1662.53	3050.09	ERDAY15	42040_2040
	42040	2041	0.66	0.456	0.487	-2.903	18.348	-210.893	-3784.73	7197.19	ERDAY15	42040_2041
	42041	2041	-0.66	-0.456	-0.487	2.907	-18.348	210.893	-3784.73	7197.19	ERDAY15	42041_2041
	42041	2042	0.66	0.456	0.487	-2.907	26.228	-218.269	843.06	3893.35	ERDAY15	42041_2042
	42042	2042	-0.633	1.779	1.872	2.332	-26.228	218.272	844.26	3892.79	ERDAY15	42042_2042
	42042	2043	0.633	-1.779	-1.872	-2.332	3.824	-196.974	-4912.74	7751.29	ERDAY15	42042_2043
	42043	2043	-0.632	1.779	1.872	2.482	-3.824	196.972	-4912.72	7751.25	ERDAY15	42043_2043
	42043	2044	0.632	-1.779	-1.872	-2.482	-18.567	-175.693	432.38	3317.14	ERDAY15	42043_2044
	42044	2044	-0.651	1.193	0.09	1.284	18.567	175.692	439.28	3311.76	ERDAY15	42044_2044
	42044	2045	0.651	-1.193	-0.09	-1.284	-19.646	-161.405	-4992.83	7073.03	ERDAY15	42044_2045
	42045	2045	-0.651	1.193	0.09	1.284	19.646	161.405	-4992.83	7073.03	ERDAY15	42045_2045
	42045	2046	0.651	-1.194	-0.09	-1.284	-20.726	-147.118	687	2533.94	ERDAY15	42045_2046
	42046	2046	-0.653	1.173	-0.134	-0.264	20.726	147.156	675.56	2543.24	ERDAY15	42046_2046
	42046	2047	0.653	-1.174	0.134	0.264	-19.123	-133.116	-4572.34	6172.01	ERDAY15	42046_2047
	42047	2047	-0.653	1.174	-0.134	-0.264	19.123	133.116	-4572.34	6172.01	ERDAY15	42047_2047
	42047	2048	0.653	-1.173	0.134	0.264	-17.521	-119.075	1282.78	1507.1	ERDAY15	42047_2048
	42048	2048	-0.655	1.265	-0.275	-1.6	17.521	119.103	1276.42	1512.41	ERDAY15	42048_2048
	42048	2049	0.655	-1.265	0.275	1.6	-14.232	-103.962	-3563.14	4813.34	ERDAY15	42048_2049
	42049	2049	-0.655	1.265	-0.275	-1.686	14.232	103.961	-3563.13	4813.31	ERDAY15	42049_2049
	42049	2050	0.655	-1.265	0.275	1.686	-10.937	-88.82	2699.63	-178.95	ERDAY15	42049_2050
	42050	2050	-0.674	0.205	-1.876	-2.18	10.937	88.858	2689.8	-171.01	ERDAY15	42050_2050
	42050	2051	0.674	-0.205	1.876	2.18	19.352	-85.547	-1800.06	3114.11	ERDAY15	42050_2051
	42051	2051	-0.675	0.205	-1.876	-2.161	-19.352	85.55	-1804.59	3117.07	ERDAY15	42051_2051
	42051	2052	0.675	-0.205	1.876	2.161	34.814	-83.859	3687.43	-1021.06	ERDAY15	42051_2052
	42052	2052	-0.675	3.963	-0.432	-1.522	-34.814	83.866	3691.31	-1023.82	ERDAY15	42052_2052
	42052	2053	0.675	-3.963	0.432	1.522	39.891	-37.298	-325.11	1011.07	ERDAY15	42052_2053
42053	2053	-0.67	-0.358	-0.453	-1.494	-39.89	39.876	-473.09	1175.4	ERDAY16	42053_2053	
42053	2054	0.67	0.358	0.453	1.494	45.895	-44.624	4319.43	-2306.61	ERDAY16	42053_2054	
42054	2054	-0.666	-0.133	2.86	-0.646	-45.895	44.616	4312.42	-2301.71	ERDAY16	42054_2054	
42054	2055	0.666	0.133	-2.86	0.646	10.143	-46.275	-1225.46	1870.05	ERDAY16	42054_2055	
42055	2055	-0.663	-0.133	2.861	-0.608	-10.143	46.276	-1225.45	1870.08	ERDAY16	42055_2055	
42055	2056	0.663	0.133	-2.861	0.608	-25.614	-47.936	4959.38	-2716.18	ERDAY16	42055_2056	
42056	2056	-0.68	0.165	-2.843	0.002	25.614	47.942	4960.89	-2716.2	ERDAY16	42056_2056	
42056	2057	0.68	-0.165	2.843	-0.002	1.403	-46.377	-1064.59	1752.95	ERDAY16	42056_2057	
42057	2057	-0.684	0.165	-2.842	0.057	-1.403	46.378	-1065.82	1753.69	ERDAY16	42057_2057	
42057	2058	0.684	-0.164	2.842	-0.057	23.424	-45.101	-964.19	1651.29	ERDAY16	42057_2058	
42058	2058	-0.68	0.164	-2.843	-0.001	-23.424	45.101	-964.17	1651.31	ERDAY16	42058_2058	
42058	2059	0.68	-0.164	2.843	0.001	45.454	-43.825	3639.06	-1814.55	ERDAY16	42058_2059	
42059	2059	-0.657	0.378	1.639	0.35	-45.454	43.822	3638.89	-1814.22	ERDAY16	42059_2059	
42059	2060	0.657	-0.378	-1.639	-0.35	32.333	-40.796	-1273.94	1793.73	ERDAY16	42059_2060	
42060	2060	-0.657	0.378	1.639	0.347	-32.333	40.796	-1273.94	1793.73	ERDAY16	42060_2060	
42060	2061	0.657	-0.378	-1.639	-0.347	19.229	-37.773	-1383.65	1813.02	ERDAY16	42060_2061	
42061	2061	-0.657	0.378	1.639	0.35	-19.229	37.773	-1383.65	1813.02	ERDAY16	42061_2061	
42061	2062	0.657	-0.378	-1.639	-0.35	6.108	-34.747	3309.47	-1756.28	ERDAY16	42061_2062	
42062	2062	-0.666	0.223	0.616	0.32	-6.108	34.751	3304.69	-1752.69	ERDAY16	42062_2062	
42062	2063	0.666	-0.223	-0.616	-0.32	2.418	-33.416	-722.59	1228.69	ERDAY16	42062_2063	
42063	2063	-0.665	0.223	0.617	0.379	-2.418	33.415	-722.58	1228.68	ERDAY16	42063_2063	
42063	2064	0.665	-0.223	-0.617	-0.379	-1.285	-32.078	-2057.42	2198.3	ERDAY16	42063_2064	
42064	2064	-0.666	0.223	0.616	0.326	1.285	32.079	-2057.43	2198.31	ERDAY16	42064_2064	
42064	2065	0.666	-0.223	-0.616	-0.326	-4.982	-30.742	-691.17	1149.76	ERDAY16	42064_2065	
42065	2065	-0.666	0.223	0.616	0.326	4.982	30.742	-691.17	1149.76	ERDAY16	42065_2065	
42065	2066	0.666	-0.223	-0.616	-0.326	-8.679	-29.404	3376.5	-1917.19	ERDAY16	42065_2066	
42066	2066	-0.671	0.228	-0.053	0.277	8.679	29.413	3367.9	-1910.58	ERDAY16	42066_2066	
42066	2067	0.671	-0.227	0.053	-0.277	-8.254	-27.591	-1293.09	1534.18	ERDAY16	42066_2067	
42067	2067	-0.671	0.227	-0.053	0.275	8.254	27.591	-1293.09	1534.18	ERDAY16	42067_2067	
42067	2068	0.671	-0.227	0.053	-0.275	-7.83	-25.772	-1154.16	1392.64	ERDAY16	42067_2068	
42068	2068	-0.671	0.227	-0.053	0.276	7.83	25.772	-1154.16	1392.64	ERDAY16	42068_2068	
42068	2069	0.671	-0.228	0.053	-0.276	-7.405	-23.95	3785.05	-2335.55	ERDAY16	42068_2069	
42069	2069	-0.639	-0.21	2.545	0.781	7.405	23.938	3781.91	-2333.28	ERDAY16	42069_2069	
42069	2070	0.639	0.21	-2.545	-0.781	-27.136	-25.566	-759.27	1093.49	ERDAY16	42069_2070	
42070	2070	-0.639	-0.21	2.545	0.78	27.136	25.566	-759.27	1093.49	ERDAY16	42070_2070	
42070	2071	0.639	0.21	-2.545	-0.78	-46.843	-27.191	-795.78	1154.47	ERDAY16	42070_2071	
42071	2071	-0.638	-0.21	2.545	0.793	46.843	27.192	-796.69	1155.03	ERDAY16	42071_2071	
42071	2072	0.638	0.209	-2.545	-0.793	-71.037	-29.188	5299.37	-3359.05	ERDAY16	42071_2072	
42072	2072	-0.744	0.24	-3.312	1.528	71.037	29.153	5296.69	-3360.81	ERDAY16	42072_2072	
42072	2073	0.744	-0.239	3.312	-1.528	-29.647	-26.157	-1321.11	1522.45	ERDAY16	42072_2073	
42073	2073	-0.744	0.239	-3.312	1.528	29.647	26.157	-1321.11	1522.45	ERDAY16	42073_2073	
42073	2074	0.744	-0.24	3.312	-1.528	11.743	-23.163	3760.09	-2336.72	ERDAY16	42073_2074	
42074	2074	-0.656	2.992	1.167	2.328	-11.743	23.155	3763.67	-2338.29	ERDAY16	42074_2074	
42074	2075	0.656	-2.992	-1.167	-2.328	-3.718	16.487	2742.48	-2396.9	ERDAY16	42074_2075	

SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113

PIER 4 -- Day 148 minus Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 5 -- Day 148 minus Cumulative Affects thru Day 99	42075	2075	-0.676	-7.722	0.922	2.653	1.391	70.81	-2287.95	3170.48	ERDAY13	42075_2075
	42075	2076	0.676	7.721	-0.922	-2.653	-12.232	-161.586	447.18	3008.18	ERDAY13	42075_2076
	42076	2076	-0.703	0.682	-0.329	3.115	12.232	161.577	446.79	3008.01	ERDAY13	42076_2076
	42076	2077	0.703	-0.682	0.329	-3.115	-9.522	-155.951	-4116.62	6301.53	ERDAY13	42076_2077
	42077	2077	-0.703	0.682	-0.33	2.943	9.522	155.956	-4122.25	6305.16	ERDAY13	42077_2077
	42077	2078	0.703	-0.682	0.33	-2.943	-4.69	-145.946	80.54	2956.56	ERDAY13	42077_2078
	42078	2078	-0.69	0.814	1.218	2.434	4.69	145.924	92.78	2947.07	ERDAY13	42078_2078
	42078	2079	0.69	-0.814	-1.218	-2.434	-18.393	-136.765	-4772.7	6393.76	ERDAY13	42078_2079
	42079	2079	-0.69	0.814	1.218	2.428	18.393	136.766	-4772.7	6393.76	ERDAY13	42079_2079
	42079	2080	0.69	-0.814	-1.218	-2.428	-32.083	-127.613	-379.59	2920.7	ERDAY13	42079_2080
	42080	2080	-0.7	0.521	-0.098	1.536	32.083	127.619	-379.64	2920.74	ERDAY13	42080_2080
	42080	2081	0.7	-0.522	0.098	-1.536	-30.974	-121.751	-4800.83	6103.56	ERDAY13	42080_2081
	42081	2081	-0.7	0.522	-0.099	1.428	30.974	121.752	-4800.84	6103.6	ERDAY13	42081_2081
	42081	2082	0.7	-0.522	0.099	-1.428	-29.858	-115.883	40.46	2363.59	ERDAY13	42081_2082
	42082	2082	-0.7	0.53	-0.097	0.16	29.858	115.914	33.2	2369.63	ERDAY13	42082_2082
	42082	2083	0.7	-0.53	0.097	-0.16	-28.685	-109.519	-5109.41	6080.73	ERDAY13	42082_2083
	42083	2083	-0.7	0.53	-0.097	0.073	28.685	109.519	-5109.41	6080.74	ERDAY13	42083_2083
	42083	2084	0.7	-0.529	0.097	-0.073	-27.503	-103.119	438.26	1801.76	ERDAY13	42083_2084
	42084	2084	-0.702	0.412	-0.254	-1.192	27.503	103.14	437.62	1802.68	ERDAY13	42084_2084
	42084	2085	0.702	-0.411	0.254	1.192	-24.646	-98.513	-4039.66	5053.12	ERDAY13	42084_2085
	42085	2085	-0.702	0.411	-0.254	-1.282	24.646	98.511	-4039.65	5053.1	ERDAY13	42085_2085
	42085	2086	0.702	-0.411	0.254	1.282	-21.784	-93.887	733.83	1389.54	ERDAY13	42085_2086
	42086	2086	-0.703	0.558	-0.232	-2.321	21.784	93.87	745.96	1380.14	ERDAY13	42086_2086
	42086	2087	0.703	-0.558	0.232	2.321	-19.176	-87.587	-3299.02	4273.2	ERDAY13	42086_2087
	42087	2087	-0.703	0.558	-0.233	-2.399	19.176	87.585	-3299	4273.15	ERDAY13	42087_2087
	42087	2088	0.703	-0.559	0.233	2.399	-16.562	-81.304	1915.17	245.88	ERDAY13	42087_2088
	42088	2088	-0.724	-0.578	-1.88	-2.764	16.562	81.326	1914.58	246.57	ERDAY13	42088_2088
	42088	2089	0.724	0.577	1.88	2.764	10	-89.482	-1700.6	3117.58	ERDAY13	42088_2089
	42089	2089	-0.724	-0.577	-1.88	-2.767	-10	89.485	-1704.7	3120.13	ERDAY13	42089_2089
	42089	2090	0.724	0.578	1.88	2.767	25.502	-94.244	2929.13	-245.27	ERDAY13	42089_2090
42090	2090	-0.724	3.436	-0.375	-2.273	-25.502	94.258	2939.08	-252.43	ERDAY13	42090_2090	
42090	2091	0.724	-3.436	0.375	2.273	29.907	-53.865	-540.81	1512.28	ERDAY13	42090_2091	
PIER 5 -- Day 148 minus Cumulative Affects thru Day 106	42091	2091	-0.716	-0.679	-0.404	-2.276	-29.8	56.443	-688.61	1676.65	ERDAY14	42091_2091
	42091	2092	0.716	0.68	0.404	2.276	35.157	-65.444	4259.75	-1836.03	ERDAY14	42091_2092
	42092	2092	-0.714	0.004	2.503	-1.409	-35.157	65.439	4252.39	-1830.82	ERDAY14	42092_2092
	42092	2093	0.714	-0.003	-2.503	1.409	3.882	-65.391	-1165.58	2218.38	ERDAY14	42092_2093
	42093	2093	-0.712	0.003	2.503	-1.356	-3.882	65.392	-1165.57	2218.42	ERDAY14	42093_2093
	42093	2094	0.712	-0.004	-2.503	1.356	-27.425	-65.346	4666.97	-2142.64	ERDAY14	42093_2094
	42094	2094	-0.736	0.105	-2.412	-0.66	27.425	65.328	4664.7	-2143.02	ERDAY14	42094_2094
	42094	2095	0.736	-0.105	2.412	0.66	-4.506	-64.329	-1096.47	2143.03	ERDAY14	42094_2095
	42095	2095	-0.738	0.105	-2.411	-0.604	4.506	64.333	-1101.85	2146.29	ERDAY14	42095_2095
	42095	2096	0.738	-0.105	2.411	0.604	14.161	-63.519	-988.08	2044.38	ERDAY14	42095_2096
	42096	2096	-0.735	0.105	-2.412	-0.683	-14.161	63.519	-988.05	2044.38	ERDAY14	42096_2096
	42096	2097	0.735	-0.106	2.412	0.683	32.86	-62.705	3442.52	-1285.7	ERDAY14	42096_2097
	42097	2097	-0.726	0.245	0.804	-0.122	-32.86	62.691	3436.02	-1281.6	ERDAY14	42097_2097
	42097	2098	0.726	-0.246	-0.804	0.122	26.439	-60.727	-1243.44	2177.09	ERDAY14	42097_2098
	42098	2098	-0.726	0.246	0.804	-0.121	-26.439	60.727	-1243.44	2177.09	ERDAY14	42098_2098
	42098	2099	0.726	-0.245	-0.804	0.121	20.009	-58.761	-1329.81	2200.98	ERDAY14	42098_2099
	42099	2099	-0.726	0.245	0.804	-0.121	-20.009	58.761	-1329.81	2200.98	ERDAY14	42099_2099
	42099	2100	0.726	-0.245	-0.804	0.121	13.581	-56.796	3185.63	-1216.38	ERDAY14	42099_2100
	42100	2100	-0.731	0.119	0.204	-0.037	-13.581	56.796	3184.25	-1215.3	ERDAY14	42100_2100
	42100	2101	0.731	-0.118	-0.204	0.037	12.359	-56.084	-673.12	1654.52	ERDAY14	42100_2101
	42101	2101	-0.731	0.118	0.204	-0.039	-12.359	56.084	-673.12	1654.52	ERDAY14	42101_2101
	42101	2102	0.731	-0.119	-0.204	0.039	11.138	-55.373	-1941.94	2588.65	ERDAY14	42101_2102
	42102	2102	-0.731	0.119	0.204	-0.037	-11.138	55.373	-1941.94	2588.65	ERDAY14	42102_2102
	42102	2103	0.731	-0.118	-0.204	0.037	9.916	-54.661	-626.46	1590.18	ERDAY14	42102_2103
	42103	2103	-0.731	0.118	0.204	-0.037	-9.916	54.661	-626.46	1590.18	ERDAY14	42103_2103
	42103	2104	0.731	-0.119	-0.204	0.037	8.694	-53.949	3277.59	-1344.03	ERDAY14	42103_2104
	42104	2104	-0.733	0.079	-0.428	-0.022	-8.694	53.947	3277.8	-1344.26	ERDAY14	42104_2104
	42104	2105	0.733	-0.08	0.428	0.022	12.12	-53.313	-1179.21	1975.6	ERDAY14	42104_2105
	42105	2105	-0.734	0.08	-0.428	0.043	-12.12	53.313	-1179.21	1975.59	ERDAY14	42105_2105
	42105	2106	0.734	-0.079	0.428	-0.043	15.535	-52.68	-1036.59	1855.82	ERDAY14	42105_2106
42106	2106	-0.734	0.079	-0.428	0.046	-15.535	52.68	-1036.59	1855.82	ERDAY14	42106_2106	
42106	2107	0.734	-0.079	0.428	-0.046	18.953	-52.045	3705.78	-1703.69	ERDAY14	42106_2107	
42107	2107	-0.723	-0.107	2.423	0.492	-18.953	52.046	3707.32	-1704.59	ERDAY14	42107_2107	
42107	2108	0.723	0.107	-2.423	-0.492	0.164	-52.878	-652.32	1572.8	ERDAY14	42107_2108	
42108	2108	-0.72	-0.107	2.424	0.558	-0.164	52.878	-652.29	1572.8	ERDAY14	42108_2108	
42108	2109	0.72	0.108	-2.424	-0.558	-18.607	-53.708	-695.21	1622.09	ERDAY14	42108_2109	
42109	2109	-0.723	-0.108	2.423	0.497	18.607	53.707	-693.23	1620.88	ERDAY14	42109_2109	
42109	2110	0.723	0.108	-2.423	-0.497	-41.64	-54.727	5148.02	-2725.48	ERDAY14	42109_2110	
42110	2110	-0.753	0.007	-2.742	1.271	41.64	54.721	5148.13	-2725.97	ERDAY14	42110_2110	
42110	2111	0.753	-0.007	2.742	-1.271	-7.381	-54.635	-1137.21	1971.76	ERDAY14	42110_2111	
42111	2111	-0.755	0.007	-2.742	1.316	7.381	54.634	-1137.21	1971.72	ERDAY14	42111_2111	
42111	2112	0.755	-0.007	2.742	-1.316	26.898	-54.547	3810.93	-1729.78	ERDAY14	42111_2112	
42112	2112	-0.722	2.377	0.793	2.207	-26.898	54.544	3812.7	-1730.71	ERDAY14	42112_2112	
42112	2113	0.722	-2.377	-0.793	-2.207	16.386	-23.045	2769.93	-1603.18	ERDAY14	42112_2113	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 6 -- Day 148 minus Cumulative Affects thru Day 85	42113	2113	-0.693	-7.571	0.647	2.425	-17.925	104.139	-1898.2	3567.94	ERDAY11	42113_2113
	42113	2114	0.693	7.571	-0.647	-2.425	10.32	-193.049	992.88	3247.08	ERDAY11	42113_2114
	42114	2114	-0.7	-0.234	-0.121	3.258	-10.32	193.037	993.43	3246.35	ERDAY11	42114_2114
	42114	2115	0.7	0.233	0.121	-3.258	11.314	-194.965	-3743.64	6828.17	ERDAY11	42114_2115
	42115	2115	-0.7	-0.233	-0.122	2.807	-11.314	194.972	-3743.7	6828.36	ERDAY11	42115_2115
	42115	2116	0.7	0.234	0.122	-2.807	13.102	-198.394	-123.37	4192.3	ERDAY11	42115_2116
	42116	2116	-0.699	1.333	1.351	2.856	-13.102	198.398	-131.77	4198.65	ERDAY11	42116_2116
	42116	2117	0.699	-1.333	-1.351	-2.856	-2.081	-183.42	-4946.21	7488.28	ERDAY11	42116_2117
	42117	2117	-0.7	1.333	1.35	2.693	2.081	183.422	-4946.24	7488.34	ERDAY11	42117_2117
	42117	2118	0.7	-1.332	-1.35	-2.693	-17.256	-168.444	-692.67	3997.84	ERDAY11	42117_2118
	42118	2118	-0.697	0.885	0.015	1.963	17.256	168.433	-692.58	3997.59	ERDAY11	42118_2118
	42118	2119	0.697	-0.885	-0.015	-1.963	-17.425	-158.478	-5085.45	7076.02	ERDAY11	42118_2119
	42119	2119	-0.697	0.885	0.016	2.106	17.425	158.477	-5085.43	7075.97	ERDAY11	42119_2119
	42119	2120	0.697	-0.885	-0.016	-2.106	-17.601	-148.514	-403.48	3369	ERDAY11	42119_2120
	42120	2120	-0.698	0.911	0.167	0.749	17.601	148.538	-413.26	3376.8	ERDAY11	42120_2120
	42120	2121	0.698	-0.911	-0.167	-0.749	-19.621	-137.535	-5479.98	6937.37	ERDAY11	42120_2121
	42121	2121	-0.698	0.911	0.167	0.749	19.621	137.535	-5479.98	6937.37	ERDAY11	42121_2121
	42121	2122	0.698	-0.911	-0.167	-0.749	-21.641	-126.532	-74.21	2667.69	ERDAY11	42121_2122
	42122	2122	-0.698	0.786	0.007	-0.67	21.641	126.531	-74.2	2667.68	ERDAY11	42122_2122
	42122	2123	0.698	-0.786	-0.007	0.67	-21.722	-117.688	-4451.24	5757.26	ERDAY11	42122_2123
	42123	2123	-0.698	0.786	0.007	-0.67	21.722	117.688	-4451.24	5757.26	ERDAY11	42123_2123
	42123	2124	0.698	-0.787	-0.007	0.67	-21.803	-108.851	245.2	2062.8	ERDAY11	42123_2124
	42124	2124	-0.698	0.892	-0.449	-1.951	21.803	108.849	245.84	2062.28	ERDAY11	42124_2124
	42124	2125	0.698	-0.892	0.449	1.951	-16.755	-98.816	-3725.88	4824.19	ERDAY11	42124_2125
	42125	2125	-0.698	0.892	-0.449	-1.862	16.755	98.817	-3725.9	4824.23	ERDAY11	42125_2125
	42125	2126	0.698	-0.893	0.449	1.862	-11.709	-88.776	1376.59	801.22	ERDAY11	42125_2126
	42126	2126	-0.7	-0.277	-1.712	-2.556	11.709	88.82	1367.39	808.98	ERDAY11	42126_2126
	42126	2127	0.7	0.277	1.712	2.556	12.037	-92.657	-2002.49	3408.09	ERDAY11	42126_2127
42127	2127	-0.701	-0.277	-1.711	-2.47	-12.037	92.659	-2002.52	3408.14	ERDAY11	42127_2127	
42127	2128	0.701	0.277	1.711	2.47	26.173	-94.945	2548.5	52.68	ERDAY11	42127_2128	
42128	2128	-0.71	3.515	-0.364	-2.097	-26.173	94.939	2540.77	58.36	ERDAY11	42128_2128	
42128	2129	0.71	-3.515	0.364	2.097	30.449	-53.673	-772.77	1681.5	ERDAY11	42128_2129	
PIER 6 -- Day 148 minus Cumulative Affects thru Day 92	42129	2129	-0.702	-0.835	-0.46	-1.978	-29.987	55.961	-903.87	1827.33	ERDAY12	42129_2129
	42129	2130	0.702	0.835	0.46	1.978	36.09	-67.029	3926.32	-1555.01	ERDAY12	42129_2130
	42130	2130	-0.731	-0.078	4.844	-1.5	-36.09	67.013	3920.42	-1551.99	ERDAY12	42130_2130
	42130	2131	0.731	0.078	-4.844	1.5	-24.461	-67.983	-1162.58	2268.62	ERDAY12	42130_2131
	42131	2131	-0.727	-0.078	4.845	-1.446	24.461	67.984	-1162.57	2268.68	ERDAY12	42131_2131
	42131	2132	0.727	0.077	-4.845	1.446	-84.969	-68.952	4959.93	-2289.04	ERDAY12	42131_2132
	42132	2132	-0.666	0.001	-5.277	-0.463	84.969	66.619	3796.83	-1354.58	ERDAY12	42132_2132
	42132	2133	0.666	-0.002	5.277	0.463	-34.841	-66.605	-1561.94	2651.84	ERDAY12	42132_2133
	42133	2133	-0.661	0.002	-5.277	-0.51	34.841	66.604	-1561.9	2651.85	ERDAY12	42133_2133
	42133	2134	0.661	-0.001	5.277	0.51	6.057	-66.592	-1135.8	2333.02	ERDAY12	42133_2134
	42134	2134	-0.661	0.001	-5.277	-0.51	-6.057	66.592	-1135.8	2333.02	ERDAY12	42134_2134
	42134	2135	0.661	-0.002	5.277	0.51	47.007	-66.581	3610.21	-1215.81	ERDAY12	42134_2135
	42135	2135	-0.692	0.334	1.203	0.116	-47.007	66.616	3617.68	-1221.14	ERDAY12	42135_2135
	42135	2136	0.692	-0.334	-1.203	-0.116	37.382	-63.943	-1218.28	2339.33	ERDAY12	42135_2136
	42136	2136	-0.693	0.334	1.202	0.036	-37.382	63.943	-1218.29	2339.33	ERDAY12	42136_2136
	42136	2137	0.693	-0.334	-1.202	-0.036	27.765	-61.269	-1459.23	2464.12	ERDAY12	42136_2137
	42137	2137	-0.692	0.334	1.203	0.113	-27.765	61.269	-1459.21	2464.14	ERDAY12	42137_2137
	42137	2138	0.692	-0.334	-1.203	-0.113	18.14	-58.596	2894.88	-846.75	ERDAY12	42137_2138
	42138	2138	-0.682	0.137	0.623	-0.011	-18.14	58.595	2895.05	-846.72	ERDAY12	42138_2138
	42138	2139	0.682	-0.137	-0.623	0.011	14.397	-57.773	-919.74	1988.59	ERDAY12	42138_2139
	42139	2139	-0.682	0.137	0.623	-0.011	-14.397	57.773	-919.74	1988.59	ERDAY12	42139_2139
	42139	2140	0.682	-0.137	-0.623	0.011	10.654	-56.951	-2149.8	2891.28	ERDAY12	42139_2140
	42140	2140	-0.682	0.137	0.623	-0.011	-10.654	56.951	-2149.8	2891.28	ERDAY12	42140_2140
	42140	2141	0.682	-0.137	-0.623	0.011	6.911	-56.129	-795.12	1861.37	ERDAY12	42140_2141
	42141	2141	-0.682	0.137	0.623	-0.011	-6.911	56.129	-795.12	1861.37	ERDAY12	42141_2141
	42141	2142	0.682	-0.137	-0.623	0.011	3.167	-55.308	3144.32	-1101.15	ERDAY12	42141_2142
	42142	2142	-0.66	0.096	-0.543	-0.216	-3.167	55.316	3136.72	-1095.06	ERDAY12	42142_2142
	42142	2143	0.66	-0.096	0.543	0.216	7.502	-54.551	-1265.93	2180.97	ERDAY12	42142_2143
	42143	2143	-0.66	0.096	-0.541	-0.146	-7.502	54.551	-1265.94	2180.97	ERDAY12	42143_2143
	42143	2144	0.66	-0.096	0.541	0.146	11.836	-53.787	-1081.84	2027.49	ERDAY12	42143_2144
	42144	2144	-0.66	0.096	-0.543	-0.214	-11.836	53.787	-1081.84	2027.49	ERDAY12	42144_2144
	42144	2145	0.66	-0.095	0.543	0.214	16.176	-53.022	3697.38	-1561.76	ERDAY12	42144_2145
42145	2145	-0.709	-0.274	2.559	0.203	-16.176	53.038	3703.69	-1566.41	ERDAY12	42145_2145	
42145	2146	0.709	0.274	-2.559	-0.203	3.658	-55.162	-674	1750.73	ERDAY12	42145_2146	
42146	2146	-0.709	-0.274	2.559	0.203	3.658	55.162	-674	1750.73	ERDAY12	42146_2146	
42146	2147	0.709	0.274	-2.559	-0.203	-23.491	-57.284	-739.36	1843.55	ERDAY12	42146_2147	
42147	2147	-0.711	-0.274	2.559	0.138	23.491	57.28	-733.06	1840.11	ERDAY12	42147_2147	
42147	2148	0.711	0.274	-2.559	-0.138	-47.797	-59.883	5084	-2453.66	ERDAY12	42147_2148	
42148	2148	-0.612	0.155	-3.196	0.924	47.797	59.894	5084.37	-2452.64	ERDAY12	42148_2148	
42148	2149	0.612	-0.155	3.196	-0.924	-7.836	-57.964	-1261.68	2250.44	ERDAY12	42148_2149	
42149	2149	-0.61	0.155	-3.197	0.877	7.836	57.965	-1261.67	2250.47	ERDAY12	42149_2149	
42149	2150	0.61	-0.155	3.197	-0.877	32.101	-56.036	3628.78	-1444.64	ERDAY12	42149_2150	
42150	2150	-0.68	3.037	0.837	1.79	-32.101	56.052	3628.15	-1444.68	ERDAY12	42150_2150	
42150	2151	0.68	-3.036	-0.837	-1.79	21.011	-15.815	3297.2	-2031.06	ERDAY12	42150_2151	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 7 -- Day 148 minus Cumulative Affects thru Day 54	42151	2151	-1.824	-8.303	0.775	1.802	-21.571	109.852	-2233.59	3981.11	ERDAY9	42151_2151
	42151	2152	1.824	8.303	-0.775	-1.802	12.469	-207.43	581.56	3898.92	ERDAY9	42151_2152
	42152	2152	-1.825	-0.336	0.811	2.25	-12.469	207.434	581.5	3899.07	ERDAY9	42152_2152
	42152	2153	1.825	0.336	-0.811	-2.25	5.781	-210.206	-4025.36	7399.7	ERDAY9	42152_2153
	42153	2153	-1.825	-0.336	0.811	2.242	-5.781	210.196	-4006.76	7388.13	ERDAY9	42153_2153
	42153	2154	1.825	0.336	-0.811	-2.242	-5.356	-214.813	-330.06	4736.74	ERDAY9	42153_2154
	42154	2154	-1.821	1.499	0.589	1.854	5.356	214.806	-329.97	4736.58	ERDAY9	42154_2154
	42154	2155	1.821	-1.5	-0.589	-1.854	-11.838	-198.307	-5082.71	7945.55	ERDAY9	42154_2155
	42155	2155	-1.821	1.5	0.589	1.854	11.838	198.307	-5082.71	7945.55	ERDAY9	42155_2155
	42155	2156	1.821	-1.499	-0.589	-1.854	-18.32	-181.807	-731.96	4352.69	ERDAY9	42155_2156
	42156	2156	-1.816	1.014	0.322	0.965	18.32	181.791	-731.82	4352.3	ERDAY9	42156_2156
	42156	2157	1.816	-1.013	-0.322	-0.965	-21.543	-171.646	-4606.88	7037.29	ERDAY9	42156_2157
	42157	2157	-1.816	1.013	0.32	0.796	21.543	171.647	-4606.89	7037.31	ERDAY9	42157_2157
	42157	2158	1.816	-1.014	-0.32	-0.796	-24.751	-161.492	-935.87	4083.88	ERDAY9	42157_2158
	42158	2158	-1.807	0.954	-0.137	-0.297	24.751	161.497	-945.07	4090.93	ERDAY9	42158_2158
	42158	2159	1.807	-0.953	0.137	0.297	-23.378	-151.951	-4240.97	6355.59	ERDAY9	42158_2159
	42159	2159	-1.807	0.953	-0.137	-0.297	23.378	151.951	-4240.97	6355.59	ERDAY9	42159_2159
	42159	2160	1.807	-0.954	0.137	0.297	-22.007	-142.405	1.66	2987.71	ERDAY9	42159_2160
	42160	2160	-1.798	1.071	-0.663	-1.489	22.007	142.358	11.38	2979.59	ERDAY9	42160_2160
	42160	2161	1.798	-1.071	0.663	1.489	-14.704	-130.571	-3859.48	5627.36	ERDAY9	42160_2161
	42161	2161	-1.798	1.071	-0.663	-1.489	14.704	130.571	-3859.48	5627.36	ERDAY9	42161_2161
	42161	2162	1.798	-1.072	0.663	1.489	-7.402	-118.784	1373.14	1473.31	ERDAY9	42161_2162
	42162	2162	-1.79	-0.245	-1.077	-2.3	7.402	118.769	1373.35	1472.94	ERDAY9	42162_2162
	42162	2163	1.79	0.245	1.077	2.3	7.415	-122.138	-2187.59	4203.4	ERDAY9	42162_2163
42163	2163	-1.79	-0.245	-1.076	-2.207	-7.415	122.13	-2176.82	4196.69	ERDAY9	42163_2163	
42163	2164	1.79	0.245	1.076	2.207	16.285	-124.149	2515.85	733.26	ERDAY9	42163_2164	
42164	2164	-1.788	4.009	-1.222	-1.741	-16.285	124.157	2515.77	733.5	ERDAY9	42164_2164	
42164	2165	1.788	-4.009	1.222	1.741	30.652	-77.036	-968.47	2358.59	ERDAY9	42164_2165	
PIER 7 -- Day 148 minus Cumulative Affects thru Day 61	42165	2165	-1.557	-0.666	-1.242	-1.733	-30.634	79.106	-1064.43	2487.34	ERDAY10	42165_2165
	42165	2166	1.557	0.666	1.242	1.733	47.088	-87.931	4101.52	-1188.4	ERDAY10	42165_2166
	42166	2166	-1.665	-0.092	4.656	-0.987	-47.088	87.944	4100.81	-1188.66	ERDAY10	42166_2166
	42166	2167	1.665	0.092	-4.656	0.987	-11.112	-89.088	-1629.35	3115.34	ERDAY10	42166_2167
	42167	2167	-1.665	-0.092	4.656	-0.987	11.112	89.088	-1629.35	3115.34	ERDAY10	42167_2167
	42167	2168	1.665	0.092	-4.656	0.987	-69.311	-90.231	4735.47	-1615.31	ERDAY10	42167_2168
	42168	2168	-1.516	0.061	-4.286	-0.305	69.311	90.212	4730.75	-1611	ERDAY10	42168_2168
	42168	2169	1.516	-0.062	4.286	0.305	-28.625	-89.626	-1496.55	3028.48	ERDAY10	42168_2169
	42169	2169	-1.515	0.062	-4.287	-0.304	28.625	89.621	-1491.28	3025.18	ERDAY10	42169_2169
	42169	2170	1.515	-0.061	4.287	0.304	4.603	-89.142	-1405.56	2951.24	ERDAY10	42169_2170
	42170	2170	-1.509	0.061	-4.288	-0.419	-4.603	89.142	-1405.53	2951.26	ERDAY10	42170_2170
	42170	2171	1.509	-0.062	4.288	0.419	37.847	-88.664	3336.03	-600.02	ERDAY10	42170_2171
	42171	2171	-1.604	0.362	1.233	0.181	-37.847	88.69	3342.5	-605.08	ERDAY10	42171_2171
	42171	2172	1.604	-0.362	-1.233	-0.181	27.979	-85.797	-1756.56	3143.23	ERDAY10	42171_2172
	42172	2172	-1.606	0.362	1.231	0.074	-27.979	85.797	-1756.57	3143.23	ERDAY10	42172_2172
	42172	2173	1.606	-0.361	-1.231	-0.074	18.127	-82.903	-1894.81	3186.43	ERDAY10	42172_2173
	42173	2173	-1.604	0.361	1.233	0.177	-18.127	82.903	-1894.8	3186.44	ERDAY10	42173_2173
	42173	2174	1.604	-0.362	-1.233	-0.177	8.259	-80.01	2927.81	-475.48	ERDAY10	42173_2174
	42174	2174	-1.585	0.18	0.14	0.096	-8.259	80.02	2919.76	-469.05	ERDAY10	42174_2174
	42174	2175	1.585	-0.18	-0.14	-0.096	7.421	-78.941	-1242.76	2617.44	ERDAY10	42174_2175
	42175	2175	-1.585	0.18	0.14	0.094	-7.421	78.941	-1242.76	2617.44	ERDAY10	42175_2175
	42175	2176	1.585	-0.18	-0.14	-0.094	6.585	-77.863	-2614.79	3619.81	ERDAY10	42175_2176
	42176	2176	-1.585	0.18	0.14	0.097	-6.585	77.863	-2614.79	3619.81	ERDAY10	42176_2176
	42176	2177	1.585	-0.179	-0.14	-0.097	5.747	-76.784	-1200.9	2541.42	ERDAY10	42176_2177
	42177	2177	-1.585	0.179	0.14	0.097	-5.747	76.784	-1200.9	2541.42	ERDAY10	42177_2177
	42177	2178	1.585	-0.18	-0.14	-0.097	4.909	-75.705	3003.5	-621.13	ERDAY10	42177_2178
	42178	2178	-1.564	0.152	-0.987	-0.037	-4.909	75.695	3011.83	-627.37	ERDAY10	42178_2178
	42178	2179	1.564	-0.153	0.987	0.037	12.807	-74.474	-1773.95	2921.66	ERDAY10	42178_2179
	42179	2179	-1.566	0.153	-0.985	0.057	-12.807	74.474	-1773.96	2921.66	ERDAY10	42179_2179
	42179	2180	1.566	-0.153	0.985	-0.057	20.689	-73.253	-1598.8	2765.49	ERDAY10	42179_2180
	42180	2180	-1.564	0.153	-0.987	-0.035	-20.689	73.253	-1598.79	2765.5	ERDAY10	42180_2180
	42180	2181	1.564	-0.152	0.987	0.035	28.587	-72.032	3537.33	-1095.88	ERDAY10	42180_2181
	42181	2181	-1.665	-0.221	4.777	0.333	-28.587	72.037	3536.65	-1096.23	ERDAY10	42181_2181
	42181	2182	1.665	0.22	-4.777	-0.333	-8.436	-73.743	-1146.18	2436.67	ERDAY10	42181_2182
42182	2182	-1.665	-0.22	4.777	0.333	8.436	73.743	-1146.18	2436.67	ERDAY10	42182_2182	
42182	2183	1.665	0.22	-4.777	-0.333	-45.459	-75.449	-1173.34	2492.35	ERDAY10	42182_2183	
42183	2183	-1.669	-0.22	4.775	0.242	45.459	75.442	-1166.72	2488.13	ERDAY10	42183_2183	
42183	2184	1.669	0.22	-4.775	-0.242	-90.781	-77.531	5153.93	-2188.49	ERDAY10	42183_2184	
42184	2184	-1.482	0.165	-5.229	0.931	90.781	77.571	5159.96	-2189.84	ERDAY10	42184_2184	
42184	2185	1.482	-0.165	5.229	-0.931	-25.407	-75.509	-1668.85	2866.82	ERDAY10	42184_2185	
42185	2185	-1.478	0.165	-5.23	0.87	25.407	75.51	-1668.84	2866.86	ERDAY10	42185_2185	
42185	2186	1.478	-0.165	5.23	-0.87	39.982	-73.448	3638.01	-1138.87	ERDAY10	42185_2186	
42186	2186	-1.586	2.757	1.007	1.636	-39.982	73.46	3637.27	-1139.1	ERDAY10	42186_2186	
42186	2187	1.586	-2.757	-1.007	-1.636	26.633	-36.928	2231.1	-847.37	ERDAY10	42186_2187	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 8 -- Day 148 minus Cumulative Affects thru Day 40	42187	2187	-2.162	-8.198	1.006	1.556	-26.721	125.354	-2920.53	4799.94	ERDAY7	42187_2187
	42187	2188	2.162	8.198	-1.006	-1.556	14.901	-221.701	55.59	4577.51	ERDAY7	42187_2188
	42188	2188	-2.16	1.044	0.91	2.067	-14.901	221.707	55.52	4577.7	ERDAY7	42188_2188
	42188	2189	2.16	-1.043	-0.91	-2.067	7.409	-213.107	-4635.39	7902.15	ERDAY7	42188_2189
	42189	2189	-2.16	1.043	0.909	2.082	-7.409	213.131	-4643.34	7840.7	ERDAY7	42189_2189
	42189	2190	2.16	-1.043	-0.909	-2.082	-5.094	-198.781	-227.44	4211.94	ERDAY7	42189_2190
	42190	2190	-2.155	1.084	0.643	1.631	5.094	198.773	-227.35	4211.75	ERDAY7	42190_2190
	42190	2191	2.155	-1.085	-0.643	-1.631	-12.162	-186.84	-5298.99	7804.69	ERDAY7	42190_2191
	42191	2191	-2.155	1.085	0.643	1.631	12.162	186.84	-5298.99	7804.69	ERDAY7	42191_2191
	42191	2192	2.155	-1.084	-0.643	-1.631	-19.231	-174.906	-579.78	3995.5	ERDAY7	42191_2192
	42192	2192	-2.146	0.869	0.121	0.115	19.231	174.882	-579.49	3994.87	ERDAY7	42192_2192
	42192	2193	2.146	-0.869	-0.121	-0.115	-20.456	-166.111	-4745.62	6967.18	ERDAY7	42192_2193
	42193	2193	-2.146	0.869	0.124	0.28	20.456	166.11	-4745.62	6967.17	ERDAY7	42193_2193
	42193	2194	2.146	-0.869	-0.124	-0.28	-21.704	-157.339	-673.79	3711.38	ERDAY7	42193_2194
	42194	2194	-2.131	0.839	-0.616	-1.222	21.704	157.309	-673.46	3710.64	ERDAY7	42194_2194
	42194	2195	2.131	-0.838	0.616	1.222	-15.485	-148.847	-4270.41	6258.89	ERDAY7	42194_2195
	42195	2195	-2.13	0.838	-0.619	-1.369	15.485	148.845	-4270.4	6258.86	ERDAY7	42195_2195
	42195	2196	2.13	-0.838	0.619	1.369	-9.245	-140.383	370.61	2578.98	ERDAY7	42195_2196
	42196	2196	-2.121	0.864	-0.998	-2.691	9.245	140.35	370.87	2578.18	ERDAY7	42196_2196
	42196	2197	2.121	-0.864	0.998	2.691	1.735	-130.845	-3819.33	5553.89	ERDAY7	42196_2197
	42197	2197	-2.121	0.864	-0.998	-2.693	-1.735	130.845	-3819.33	5553.89	ERDAY7	42197_2197
	42197	2198	2.121	-0.864	0.998	2.693	12.704	-121.35	1771.76	1134.84	ERDAY7	42197_2198
	42198	2198	-2.108	-0.435	-1.559	-3.317	-12.704	121.335	1771.96	1134.51	ERDAY7	42198_2198
	42198	2199	2.108	0.435	1.559	3.317	34.146	-127.315	-2138.61	4211.93	ERDAY7	42198_2199
42199	2199	-2.108	-0.435	-1.559	-3.312	-34.146	127.308	-2130.47	4204.85	ERDAY7	42199_2199	
42199	2200	2.108	0.435	1.559	3.312	47.012	-130.896	2874.21	492.57	ERDAY7	42199_2200	
42200	2200	-2.124	4.315	-0.889	-2.155	-47.012	130.925	2873.96	493.22	ERDAY7	42200_2200	
42200	2201	2.124	-4.315	0.889	2.155	57.454	-80.225	-973.11	2377.85	ERDAY7	42200_2201	
PIER 8 -- Day 148 minus Cumulative Affects thru Day 47	42201	2201	-1.921	-0.604	-0.901	-2.085	-57.562	84.655	-1207.74	2657.33	ERDAY8	42201_2201
	42201	2202	1.921	0.604	0.901	2.085	69.494	-92.654	4390.35	-1414.57	ERDAY8	42201_2202
	42202	2202	-2.033	-0.089	3.652	-1.013	-69.494	92.68	4389.67	-1414.49	ERDAY8	42202_2202
	42202	2203	2.033	0.089	-3.652	1.013	23.832	-93.794	-1811.02	3297.28	ERDAY8	42202_2203
	42203	2203	-2.031	-0.089	3.654	-0.937	-23.832	93.794	-1811.01	3297.32	ERDAY8	42203_2203
	42203	2204	2.031	0.089	-3.654	0.937	-21.85	-94.907	5145.54	-1941.08	ERDAY8	42203_2204
	42204	2204	-1.853	0.024	-3.596	0.126	21.85	94.936	5146.37	-1939.62	ERDAY8	42204_2204
	42204	2205	1.853	-0.024	3.596	-0.126	12.314	-94.707	-1627.41	3178.45	ERDAY8	42204_2205
	42205	2205	-1.856	0.024	-3.594	0.232	-12.314	94.695	-1615.92	3168.27	ERDAY8	42205_2205
	42205	2206	1.856	-0.024	3.594	-0.232	40.17	-94.509	-1512.82	3086.48	ERDAY8	42205_2206
	42206	2206	-1.856	0.024	-3.594	0.231	-40.17	94.509	-1512.82	3086.48	ERDAY8	42206_2206
	42206	2207	1.856	-0.024	3.594	-0.231	67.991	-94.323	3652.59	-826.26	ERDAY8	42206_2207
	42207	2207	-1.979	0.322	1.72	0.682	-67.991	94.348	3659.48	-831.55	ERDAY8	42207_2207
	42207	2208	1.979	-0.322	-1.72	-0.682	54.232	-91.775	-1845.64	3282.58	ERDAY8	42207_2208
	42208	2208	-1.977	0.322	1.722	0.797	-54.232	91.774	-1845.62	3282.57	ERDAY8	42208_2208
	42208	2209	1.977	-0.322	-1.722	-0.797	40.454	-89.201	-1945.89	3306.52	ERDAY8	42208_2209
	42209	2209	-1.979	0.322	1.72	0.685	-40.454	89.202	-1945.9	3306.53	ERDAY8	42209_2209
	42209	2210	1.979	-0.322	-1.72	-0.685	26.695	-86.629	3358.68	-759.71	ERDAY8	42209_2210
	42210	2210	-1.948	0.176	0.472	0.863	-26.695	86.632	3358.84	-759.45	ERDAY8	42210_2210
	42210	2211	1.948	-0.176	-0.472	-0.863	23.862	-85.577	-1174.95	2650.24	ERDAY8	42210_2211
	42211	2211	-1.948	0.176	0.472	0.863	-23.862	85.577	-1174.95	2650.24	ERDAY8	42211_2211
	42211	2212	1.948	-0.176	-0.472	-0.863	21.029	-84.52	-2668.53	3759.2	ERDAY8	42211_2212
	42212	2212	-1.948	0.176	0.472	0.863	-21.029	84.52	-2668.53	3759.2	ERDAY8	42212_2212
	42212	2213	1.948	-0.176	-0.472	-0.863	18.196	-83.464	-1121.89	2567.44	ERDAY8	42212_2213
	42213	2213	-1.948	0.176	0.472	0.863	-18.196	83.464	-1121.89	2567.44	ERDAY8	42213_2213
	42213	2214	1.948	-0.176	-0.472	-0.863	15.363	-82.408	3464.98	-925.03	ERDAY8	42213_2214
	42214	2214	-1.946	0.149	0.419	0.836	-15.363	82.41	3455.8	-917.72	ERDAY8	42214_2214
	42214	2215	1.946	-0.149	-0.419	-0.836	12.012	-81.216	-1807.6	3041.34	ERDAY8	42214_2215
	42215	2215	-1.946	0.149	0.419	0.835	-12.012	81.216	-1807.6	3041.34	ERDAY8	42215_2215
	42215	2216	1.946	-0.149	-0.419	-0.835	8.665	-80.025	-1669.88	2913.08	ERDAY8	42215_2216
	42216	2216	-1.947	0.149	0.416	0.736	-8.665	80.026	-1669.89	2913.1	ERDAY8	42216_2216
	42216	2217	1.947	-0.149	-0.416	-0.736	5.334	-78.833	3869.48	-1302.96	ERDAY8	42216_2217
	42217	2217	-2.015	-0.167	3.719	1.203	-5.334	78.848	3876.57	-1308.33	ERDAY8	42217_2217
	42217	2218	2.015	0.167	-3.719	-1.203	-23.496	-80.149	-1202.32	2561.42	ERDAY8	42217_2218
42218	2218	-2.02	-0.167	3.716	1.099	23.496	80.15	-1202.36	2561.44	ERDAY8	42218_2218	
42218	2219	2.02	0.168	-3.716	-1.099	-52.305	-81.451	-1209.15	2592.83	ERDAY8	42218_2219	
42219	2219	-2.019	-0.168	3.717	1.106	52.305	81.447	-1206.12	2590.1	ERDAY8	42219_2219	
42219	2220	2.019	0.168	-3.717	-1.106	-87.624	-83.041	5710.91	-2613.43	ERDAY8	42219_2220	
42220	2220	-1.892	0.239	-3.449	1.895	87.624	83.013	5706.7	-2611.55	ERDAY8	42220_2220	
42220	2221	1.892	-0.239	3.449	-1.895	-44.539	-80.031	-1767.64	2985.82	ERDAY8	42220_2221	
42221	2221	-1.895	0.239	-3.448	1.959	44.539	80.03	-1767.64	2985.76	ERDAY8	42221_2221	
42221	2222	1.895	-0.238	3.448	-1.959	-1.438	-77.045	3949.16	-1401.65	ERDAY8	42221_2222	
42222	2222	-1.927	2.407	-0.193	2.595	1.438	77.072	3955.62	-1406.3	ERDAY8	42222_2222	
42222	2223	1.927	-2.408	0.193	-2.595	1.123	-45.174	1980.7	-554.88	ERDAY8	42222_2223	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 9 - Day 148 minus Cumulative Affects thru Day 26	42223	2223	-2.717	-8.184	-0.678	3.34	-5.561	121.366	-2488.4	4316.15	ERDAY5	42223_2223
	42223	2224	2.717	8.185	0.678	-3.34	13.534	-217.537	1248.48	3427.58	ERDAY5	42223_2224
	42224	2224	-2.716	0.984	2.052	2.813	-13.534	217.53	1257.28	3420.77	ERDAY5	42224_2224
	42224	2225	2.716	-0.985	-2.052	-2.813	-3.394	-209.406	-4560.4	7660.45	ERDAY5	42224_2225
	42225	2225	-2.717	0.985	2.05	2.709	3.394	209.393	-4541.95	7642.77	ERDAY5	42225_2225
	42225	2226	2.717	-0.985	-2.05	-2.709	-36.571	-193.46	1466.94	2770.32	ERDAY5	42225_2226
	42226	2226	-2.683	1.116	0.213	1.739	36.571	193.441	1453.71	2780.19	ERDAY5	42226_2226
	42226	2227	2.683	-1.117	-0.213	-1.739	-39.176	-179.805	-5265.44	7595.09	ERDAY5	42226_2227
	42227	2227	-2.682	1.117	0.229	2.77	39.176	179.792	-5265.34	7594.76	ERDAY5	42227_2227
	42227	2228	2.682	-1.116	-0.229	-2.77	-41.97	-166.156	1177.92	2439.55	ERDAY5	42227_2228
	42228	2228	-2.69	0.927	0.667	0.251	41.97	166.039	1185.71	2431.27	ERDAY5	42228_2228
	42228	2229	2.69	-0.927	-0.667	-0.251	-50.112	-154.723	-5185.15	7029.07	ERDAY5	42228_2229
	42229	2229	-2.69	0.927	0.669	0.378	50.112	154.723	-5185.15	7029.07	ERDAY5	42229_2229
	42229	2230	2.69	-0.926	-0.669	-0.378	-58.282	-143.407	1610.89	1653.37	ERDAY5	42229_2230
	42230	2230	-2.589	0.759	-1.659	-2.124	58.282	143.304	1622.75	1643.11	ERDAY5	42230_2230
	42230	2231	2.589	-0.759	1.659	2.124	-37.873	-133.965	-4601.62	6169.77	ERDAY5	42230_2231
	42231	2231	-2.604	0.759	-1.633	-0.815	37.873	133.979	-4601.8	6170.07	ERDAY5	42231_2231
	42231	2232	2.604	-0.759	1.633	0.815	-17.787	-124.646	2527.5	581.87	ERDAY5	42231_2232
	42232	2232	-2.658	0.256	-0.283	-3.247	17.787	124.551	2521.92	583.84	ERDAY5	42232_2232
	42232	2233	2.658	-0.257	0.283	3.247	-13.834	-120.965	-3858.29	5344.4	ERDAY5	42232_2233
	42233	2233	-2.658	0.257	-0.281	-3.152	13.834	120.946	-3846.81	5333.29	ERDAY5	42233_2233
	42233	2234	2.658	-0.257	0.281	3.152	-10.934	-118.296	2558.51	422.25	ERDAY5	42233_2234
	42234	2234	-2.565	2.375	-2.225	-2.769	10.934	118.316	2559.06	422.78	ERDAY5	42234_2234
42234	2235	2.565	-2.375	2.225	2.769	14.438	-91.222	-1223.37	2747.13	ERDAY5	42234_2235	
PIER 9 - Day 148 minus Cumulative Affects thru Day 33	42235	2235	-2.639	-0.794	-1.932	-1.79	-16.819	94.466	-1413.09	2953.34	ERDAY6	42235_2235
	42235	2236	2.639	0.794	1.932	1.79	35.993	-102.337	3133.24	-336.49	ERDAY6	42235_2236
	42236	2236	-2.959	-0.051	3.73	-1.793	-35.993	102.336	3140.28	-342.91	ERDAY6	42236_2236
	42236	2237	2.959	0.051	-3.73	1.793	-3.146	-102.875	-1684.11	3326.74	ERDAY6	42236_2237
	42237	2237	-2.962	-0.051	3.728	-1.863	3.146	102.873	-1684.1	3326.7	ERDAY6	42237_2237
	42237	2238	2.962	0.051	-3.728	1.863	-43.568	-103.431	4220.44	-1140.12	ERDAY6	42237_2238
	42238	2238	-2.341	-0.097	-3.996	-0.107	43.568	103.563	4219.77	-1134.16	ERDAY6	42238_2238
	42238	2239	2.341	0.097	3.996	0.107	-1.677	-104.584	-2825.19	4229.26	ERDAY6	42238_2239
	42239	2239	-2.365	-0.097	-3.982	0.528	1.677	104.582	-2825.26	4229.16	ERDAY6	42239_2239
	42239	2240	2.365	0.097	3.982	-0.528	54.116	-105.948	3914.04	-854.52	ERDAY6	42239_2240
	42240	2240	-2.743	0.385	1.328	0.374	-54.116	105.835	3946.71	-890.65	ERDAY6	42240_2240
	42240	2241	2.743	-0.385	-1.328	-0.374	41.665	-102.226	-1699.65	3324.21	ERDAY6	42240_2241
	42241	2241	-2.744	0.385	1.327	0.3	-41.665	102.226	-1699.66	3324.21	ERDAY6	42241_2241
	42241	2242	2.744	-0.385	-1.327	-0.3	28.064	-98.277	1617.2	726.65	ERDAY6	42241_2242
	42242	2242	-2.801	0.175	2.208	0.755	-28.064	98.308	1620.66	723.98	ERDAY6	42242_2242
	42242	2243	2.801	-0.175	-2.208	-0.755	6.314	-96.578	-2601	3894.76	ERDAY6	42242_2243
	42243	2243	-2.8	0.175	2.21	0.799	-6.314	96.578	-2600.99	3894.76	ERDAY6	42243_2243
	42243	2244	2.8	-0.176	-2.21	-0.799	-15.294	-94.862	2269.77	162.07	ERDAY6	42243_2244
	42244	2244	-2.684	0.118	0.489	0.407	15.294	94.779	2272.73	159.31	ERDAY6	42244_2244
	42244	2245	2.684	-0.118	-0.489	-0.407	-19.762	-93.696	-2558.21	3805.64	ERDAY6	42244_2245
	42245	2245	-2.681	0.118	0.505	0.954	19.762	93.692	-2558.17	3805.55	ERDAY6	42245_2245
	42245	2246	2.681	-0.118	-0.505	-0.954	-25.053	-92.448	1604.94	619.66	ERDAY6	42245_2246
	42246	2246	-2.656	0.16	0.008	0.205	25.053	92.414	1605.1	618.85	ERDAY6	42246_2246
42246	2247	2.656	-0.159	-0.008	-0.205	-25.134	-90.773	-1721.17	3111.55	ERDAY6	42246_2247	
42247	2247	-2.656	0.159	0.009	0.239	25.134	90.773	-1721.17	3111.55	ERDAY6	42247_2247	
42247	2248	2.656	-0.159	-0.009	-0.239	-25.217	-89.281	3917.77	-1199.88	ERDAY6	42247_2248	
42248	2248	-2.59	-0.205	-1.341	-0.219	25.217	89.276	3903.43	-1185.86	ERDAY6	42248_2248	
42248	2249	2.59	0.205	1.341	0.219	-8.124	-91.888	-2774.83	3937.17	ERDAY6	42248_2249	
42249	2249	-2.609	-0.205	-1.303	1.119	8.124	91.873	-2770.83	3932.5	ERDAY6	42249_2249	
42249	2250	2.609	0.205	1.303	-1.119	7.174	-94.279	4664.77	-1669.14	ERDAY6	42249_2250	
42250	2250	-2.379	-0.199	-8.162	1.081	-7.174	94.274	4666.73	-1668.85	ERDAY6	42250_2250	
42250	2251	2.379	0.2	8.162	-1.081	120.81	-97.047	-1291.62	2913.94	ERDAY6	42250_2251	
42251	2251	-2.373	-0.2	-8.164	1.018	-120.81	97.048	-1291.62	2913.98	ERDAY6	42251_2251	
42251	2252	2.373	0.199	8.164	-1.018	183.704	-98.584	3287.05	-534.31	ERDAY6	42251_2252	
42252	2252	-3.583	2.105	27.648	-0.195	-183.704	98.542	3278.52	-536.63	ERDAY6	42252_2252	
42252	2253	3.583	-2.106	-27.648	0.195	-95.672	-77.269	-631.09	2008.4	ERDAY6	42252_2253	
42253	2253	-3.413	2.106	27.67	0.281	95.672	77.269	-630.39	2009.09	ERDAY6	42253_2253	
42253	2254	3.413	-2.105	-27.67	-0.281	-432.722	-51.624	7490.25	-4674.21	ERDAY6	42253_2254	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 10 -- Day 148 minus Cumulative Affects thru Day 5	42254	2254	0.299	-4.065	-26.454	2.976	432.135	161.444	1175.59	2337.05	ERDAY2 42254_2254
	42254	2255	-0.299	4.065	26.454	-2.976	-193.692	-198.086	-5324.09	8008.73	ERDAY2 42254_2255
	42255	2255	0.321	-4.065	-26.454	2.815	193.692	198.088	-5324.03	8008.87	ERDAY2 42255_2255
	42255	2256	-0.321	4.066	26.454	-2.815	198.528	-258.363	1619.65	3938.71	ERDAY2 42255_2256
	42256	2256	-0.3	0.179	6.157	-2.897	-198.528	258.261	1637.7	3912.07	ERDAY2 42256_2256
	42256	2257	0.3	-0.179	-6.157	2.897	129.646	-256.25	-5624.42	9392.74	ERDAY2 42256_2257
	42257	2257	-0.261	0.179	6.159	-1.23	-129.646	256.263	-5624.37	9393.24	ERDAY2 42257_2257
	42257	2258	0.261	-0.18	-6.159	1.23	56.602	-254.131	327.47	4825.9	ERDAY2 42257_2258
	42258	2258	-0.193	-0.325	0.627	-0.738	-56.602	254.135	338.4	4818.1	ERDAY2 42258_2258
	42258	2259	0.193	0.325	-0.627	0.738	49.332	-257.903	-6265.18	9913.6	ERDAY2 42258_2259
	42259	2259	-0.193	-0.325	0.626	-0.829	-49.332	257.903	-6265.18	9913.59	ERDAY2 42259_2259
	42259	2260	0.193	0.325	-0.626	0.829	42.145	-261.628	410.59	4912.93	ERDAY2 42259_2260
	42260	2260	-0.165	-0.67	-3.841	-3.738	-42.145	261.609	406.5	4915.83	ERDAY2 42260_2260
	42260	2261	0.165	0.67	3.841	3.738	86.878	-269.404	-5977.48	9924.86	ERDAY2 42260_2261
	42261	2261	-0.216	-0.67	-3.839	-0.18	-86.878	269.43	-5977.87	9925.32	ERDAY2 42261_2261
	42261	2262	0.216	0.669	3.839	0.18	130.65	-277.062	898.09	4850.55	ERDAY2 42261_2262
	42262	2262	-0.177	-0.43	1.596	-5.016	-130.65	277.091	893.27	4855.07	ERDAY2 42262_2262
	42262	2263	0.177	0.43	-1.596	5.016	110.504	-282.523	-6052.69	10244.12	ERDAY2 42262_2263
	42263	2263	-0.178	-0.43	1.596	-5.139	-110.504	282.521	-6052.67	10244.06	ERDAY2 42263_2263
	42263	2264	0.178	0.43	-1.596	5.139	91.729	-287.584	1804.96	4371.65	ERDAY2 42263_2264
	42264	2264	-0.222	-0.058	-7.385	-6.938	-91.729	287.68	1817.42	4364.18	ERDAY2 42264_2264
	42264	2265	0.222	0.057	7.385	6.938	186.094	-288.415	-5087.05	9627.85	ERDAY2 42264_2265
	42265	2265	-0.268	-0.057	-7.383	-5.14	-186.094	288.452	-5068.64	9606.67	ERDAY2 42265_2265
	42265	2266	0.268	0.057	7.383	5.14	273.058	-289.131	3028.12	3459.5	ERDAY2 42265_2266
	42266	2266	0.005	4.904	9.041	-5.499	-273.058	289.124	3023.31	3465.2	ERDAY2 42266_2266
	42266	2267	-0.005	-4.904	-9.041	5.499	178.909	-238.061	-2888.68	6945.14	ERDAY2 42266_2267
42267	2267	-0.019	-0.335	3.865	4.448	-130.15	89.397	-623.4	2257.17	ERDAY4 42267_2267	
42267	2268	0.019	0.335	-3.865	-4.448	93.72	-92.55	-645.39	2336.81	ERDAY4 42267_2268	
42268	2268	-0.031	-2.36	2.481	-1.285	-93.72	92.585	6829.25	-3351.09	ERDAY4 42268_2268	
42268	2269	0.031	2.36	-2.481	1.285	66.261	-118.714	-881.65	3037.15	ERDAY4 42268_2269	
42269	2269	0.005	-2.36	2.48	0.453	-66.261	118.719	-881.51	3037.48	ERDAY4 42269_2269	
42269	2270	-0.005	2.36	-2.48	-0.453	33.433	-149.954	6248.43	-1764.65	ERDAY4 42269_2270	
42270	2270	-0.001	6.147	1.371	0.619	-33.433	149.955	6253.13	-1769.22	ERDAY4 42270_2270	
42270	2271	0.001	-6.147	-1.371	-0.619	17.432	-78.195	-4288.68	4820.7	ERDAY4 42270_2271	
42271	2271	-0.001	6.147	1.371	0.617	-17.432	78.195	-4288.59	4820.59	ERDAY4 42271_2271	
42271	2272	0.001	-6.146	-1.371	-0.617	0	-0.019	-2.52	0.25	ERDAY4 42271_2272	
42372	2372	-0.012	-5.404	-0.647	0.904	0	0.039	-5.13	-0.93	ERDAY4 42372_2372	
42372	2373	0.012	5.404	0.647	-0.904	7.983	-66.8	-3521.64	4010.51	ERDAY4 42372_2373	
42373	2373	-0.012	-5.404	-0.647	0.841	-7.983	66.801	-3521.65	4010.53	ERDAY4 42373_2373	
42373	2374	0.012	5.404	0.647	-0.841	15.787	-132.07	3886.03	-179.36	ERDAY4 42373_2374	
42374	2374	-0.002	1.47	0.385	1.292	-15.787	132.019	3857.05	-157.51	ERDAY4 42374_2374	
42374	2375	0.002	-1.47	-0.385	-1.292	11.096	-114.074	-2016.82	3864.38	ERDAY4 42374_2375	
42375	2375	-0.002	1.47	0.385	1.244	-11.096	114.074	-2016.83	3864.39	ERDAY4 42375_2375	
42375	2376	0.002	-1.469	-0.385	-1.244	7.007	-98.429	1805.54	681.84	ERDAY4 42375_2376	
42376	2376	-0.023	-0.105	1.188	0.362	-7.007	98.408	1801.72	684.06	ERDAY4 42376_2376	
42376	2377	0.023	0.105	-1.188	-0.362	-6.325	-99.581	-2031.75	3575.48	ERDAY4 42376_2377	
42377	2377	-0.007	-0.105	1.188	1.73	6.325	99.566	-2031.58	3575.13	ERDAY4 42377_2377	
42377	2378	0.007	0.104	-1.188	-1.73	-18.893	-100.672	2834.74	-41.62	ERDAY4 42377_2378	
42378	2378	-0.03	-0.084	-1.124	1.071	18.893	100.68	2833.72	-41.18	ERDAY4 42378_2378	
42378	2379	0.03	0.084	1.124	-1.071	-4.305	-101.77	-2569.77	4022.78	ERDAY4 42378_2379	
42379	2379	-0.031	-0.084	-1.124	1.154	4.305	101.77	-2569.77	4022.75	ERDAY4 42379_2379	
42379	2380	0.031	0.084	1.124	-1.154	8.339	-102.716	2777.94	42.64	ERDAY4 42379_2380	
42380	2380	-0.022	-0.41	1.525	0.609	-8.339	102.717	2800.92	28.44	ERDAY4 42380_2380	
42380	2381	0.022	0.41	-1.525	-0.609	-8.434	-107.226	-1149.57	3075.17	ERDAY4 42380_2381	
42381	2381	-0.011	-0.41	1.525	1.385	8.434	107.219	-1149.42	3075.06	ERDAY4 42381_2381	
42381	2382	0.011	0.409	-1.525	-1.385	-23.444	-111.252	2875.06	149.91	ERDAY4 42381_2382	
42382	2382	-0.05	1.493	-2.166	2.045	23.444	111.213	2854.84	162.09	ERDAY4 42382_2382	
42382	2383	0.05	-1.493	2.166	-2.045	3.588	-92.58	-1649.36	3143.52	ERDAY4 42382_2383	
42383	2383	-0.049	1.493	-2.166	1.998	-3.588	92.581	-1649.36	3143.56	ERDAY4 42383_2383	
42383	2384	0.049	-1.493	2.166	-1.998	27.85	-75.857	4080.89	-1486.68	ERDAY4 42383_2384	

SPAN 10 -- Day 148 minus Cumulative Affects thru Day 5

PIER 10 -- Day 148 minus Cumulative Affects thru Day 19

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 11 -- Day 148 minus Cumulative Affects thru Day 12	42384	2384	-0.006	2.094	0.636	3.274	-28.019	122.916	1381.58	1508.38	ERDAY3	42384_2384
	42384	2385	0.006	-2.094	-0.636	-3.274	21.093	-100.082	-2868.51	4212.81	ERDAY3	42384_2385
	42385	2385	-0.007	2.094	0.635	3.168	-21.093	100.086	-2868.54	4212.9	ERDAY3	42385_2385
	42385	2386	0.007	-2.093	-0.635	-3.168	13.452	-74.903	2524.65	-340.55	ERDAY3	42385_2386
	42386	2386	-0.002	-0.283	0.662	2.787	-13.452	74.891	2530.19	-343.55	ERDAY3	42386_2386
	42386	2387	0.002	0.282	-0.662	-2.787	5.264	-78.387	-3332.1	4110.4	ERDAY3	42386_2387
	42387	2387	0.005	-0.282	0.661	3.513	-5.264	78.358	-3331.82	4109.65	ERDAY3	42387_2387
	42387	2388	-0.005	0.282	-0.661	-3.513	-2.709	-81.763	1732.51	395.1	ERDAY3	42387_2388
	42388	2388	0.006	0.094	0.803	2.77	2.709	81.758	1736.02	392.36	ERDAY3	42388_2388
	42388	2389	-0.006	-0.094	-0.803	-2.77	-13.208	-80.531	-3969.08	4630.97	ERDAY3	42388_2389
	42389	2389	0.005	0.094	0.804	2.681	13.208	80.534	-3969.11	4631.04	ERDAY3	42389_2389
	42389	2390	-0.005	-0.094	-0.804	-2.681	-22.343	-79.467	1222.1	728.99	ERDAY3	42389_2390
	42390	2390	0.009	-0.043	0.334	1.484	22.343	79.448	1223.41	727.67	ERDAY3	42390_2390
	42390	2391	-0.009	0.042	-0.334	-1.484	-26.819	-80.015	-4346.25	4902.2	ERDAY3	42390_2391
	42391	2391	0.012	-0.042	0.334	2.19	26.819	79.999	-4346.09	4901.78	ERDAY3	42391_2391
	42391	2392	-0.012	0.042	-0.334	-2.19	-30.512	-80.466	932.71	966.05	ERDAY3	42391_2392
	42392	2392	0.012	-0.146	0.451	0.647	30.512	80.512	917.16	978.67	ERDAY3	42392_2392
	42392	2393	-0.012	0.146	-0.451	-0.647	-36.324	-82.401	-4500.62	5067.11	ERDAY3	42392_2393
	42393	2393	0.012	-0.146	0.451	0.627	36.324	82.401	-4500.62	5067.11	ERDAY3	42393_2393
	42393	2394	-0.012	0.147	-0.451	-0.627	-41.515	-84.089	953.56	1025.59	ERDAY3	42393_2394
	42394	2394	0.015	-0.125	0.512	-1.105	41.515	84.051	969.94	1012.7	ERDAY3	42394_2394
	42394	2395	-0.015	0.125	-0.512	1.105	-47.601	-85.542	-4475.87	5113.8	ERDAY3	42394_2395
	42395	2395	0.02	-0.125	0.512	-0.239	47.601	85.548	-4475.91	5114.02	ERDAY3	42395_2395
	42395	2396	-0.02	0.125	-0.512	0.239	-54.039	-87.125	992.11	1059.86	ERDAY3	42395_2396
	42396	2396	0.026	-0.693	1.94	-1.975	54.039	87.151	983.53	1066.93	ERDAY3	42396_2396
	42396	2397	-0.026	0.694	-1.94	1.975	-77.587	-95.571	-4013.68	4976.35	ERDAY3	42396_2397
	42397	2397	0.027	-0.694	1.94	-1.947	77.587	95.571	-4013.68	4976.36	ERDAY3	42397_2397
	42397	2398	-0.027	0.694	-1.94	1.947	-101.417	-104.093	1910.19	725.41	ERDAY3	42397_2398
	42398	2398	0.017	0.122	-3.971	-3.631	101.417	104.116	1909.1	726.58	ERDAY3	42398_2398
	42398	2399	-0.017	-0.122	3.971	3.631	-50.699	-102.555	-4227.18	5280.51	ERDAY3	42398_2399
	42399	2399	-0.001	0.122	-3.97	-3.138	50.699	102.571	-4227.45	5280.82	ERDAY3	42399_2399
	42399	2400	0.001	-0.123	3.97	3.138	-0.12	-101.015	1546.54	933.06	ERDAY3	42399_2400
42400	2400	0.003	6.916	-0.008	-1.413	0.12	101.03	1551.17	930.01	ERDAY3	42400_2400	
42400	2401	-0.003	-6.916	0.008	1.413	0	0.455	1.89	-14.91	ERDAY3	42400_2401	
PIER 10 -- Day 148 minus Cumulative Affects thru Day 19	42572	2572	0.001	-5.442	0.049	1.241	0	-0.025	0.85	0.19	ERDAY4	42572_2572
	42572	2573	-0.001	5.443	-0.049	-1.241	-0.613	-67.279	-3580.01	4070.99	ERDAY4	42572_2573
	42573	2573	0.001	-5.443	0.049	1.224	0.613	67.28	-3580.02	4070.99	ERDAY4	42573_2573
	42573	2574	-0.001	5.442	-0.049	-1.224	-1.207	-132.534	3683.33	-11.23	ERDAY4	42573_2574
	42574	2574	-0.007	1.51	-0.7	0.892	1.207	132.559	3705.63	-28.58	ERDAY4	42574_2574
	42574	2575	0.007	-1.511	0.7	-0.892	7.219	-114.396	-1995.09	3859.32	ERDAY4	42574_2575
	42575	2575	-0.007	1.511	-0.7	0.936	-7.219	114.396	-1995.1	3859.3	ERDAY4	42575_2575
	42575	2576	0.007	-1.511	0.7	-0.936	14.604	-98.474	1746.84	731.17	ERDAY4	42575_2576
	42576	2576	-0.06	-0.069	1.434	0.361	-14.604	98.46	1738.19	736.7	ERDAY4	42576_2576
	42576	2577	0.06	0.068	-1.434	-0.361	1.54	-99.232	-2099.62	3623.06	ERDAY4	42576_2577
	42577	2577	-0.041	-0.068	1.435	1.667	1.54	99.219	-2099.42	3622.79	ERDAY4	42577_2577
	42577	2578	0.041	0.068	-1.435	-1.667	-16.97	-99.957	2938.76	-130.1	ERDAY4	42577_2578
	42578	2578	-0.073	-0.163	-1.151	1.137	16.97	99.962	2939.29	-130.37	ERDAY4	42578_2578
	42578	2579	0.073	0.163	1.151	-1.137	-2.168	-102.051	-2433.37	3931.19	ERDAY4	42578_2579
	42579	2579	-0.072	-0.163	-1.151	1.038	2.168	102.052	-2433.37	3931.23	ERDAY4	42579_2579
	42579	2580	0.072	0.162	1.151	-1.038	10.85	-103.889	2890.34	-12.47	ERDAY4	42579_2580
	42580	2580	-0.051	-0.209	1.916	0.9	-10.85	103.886	2923.24	-34	ERDAY4	42580_2580
	42580	2581	0.051	0.208	-1.916	-0.9	-10.172	-106.174	-1045.47	2980.37	ERDAY4	42580_2581
	42581	2581	-0.04	-0.208	1.917	1.502	10.172	106.167	-1045.32	2980.27	ERDAY4	42581_2581
	42581	2582	0.04	0.209	-1.917	-1.502	-28.972	-108.213	2911.34	64.67	ERDAY4	42581_2582
42582	2582	-0.089	1.545	-2.155	1.814	28.972	108.196	2926.46	53.92	ERDAY4	42582_2582	
42582	2583	0.089	-1.545	2.155	-1.814	-2.394	-89.138	-1637.18	3070.98	ERDAY4	42582_2583	
42583	2583	-0.088	1.545	-2.155	1.782	2.394	89.138	-1637.19	3071.01	ERDAY4	42583_2583	
42583	2584	0.088	-1.545	2.155	-1.782	21.844	-71.757	3970.19	-1481	ERDAY4	42583_2584	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM		
									STRESS	STRESS		
SPAN 11 - Day 148 minus Cumulative Affects thru Day 12	42584	2584	-0.087	1.919	-0.392	2.403	-21.867	117.644	1335.78	1438.56	ERDAY3	42584_2584
	42584	2585	0.087	-1.918	0.392	-2.403	26.13	-96.792	-2927.21	4193.7	ERDAY3	42584_2585
	42585	2585	-0.086	1.918	-0.392	2.364	-26.13	96.793	-2927.21	4193.73	ERDAY3	42585_2585
	42585	2586	0.086	-1.919	0.392	-2.364	30.832	-73.786	2388.56	-256.8	ERDAY3	42585_2586
	42586	2586	-0.082	-0.368	1.62	2.496	-30.832	73.757	2415.35	-276.28	ERDAY3	42586_2586
	42586	2587	0.082	0.368	-1.62	-2.496	11.016	-78.256	-3442.18	4194.89	ERDAY3	42586_2587
	42587	2587	-0.066	-0.368	1.62	3.258	-11.016	78.228	-3441.86	4194.23	ERDAY3	42587_2587
	42587	2588	0.066	0.368	-1.62	-3.258	-8.62	-82.684	1558.66	549.17	ERDAY3	42587_2588
	42588	2588	-0.074	0.051	0.39	2.419	8.62	82.684	1562.81	545.97	ERDAY3	42588_2588
	42588	2589	0.074	-0.051	-0.39	-2.419	-13.667	-82.026	-4103	4766.98	ERDAY3	42588_2589
	42589	2589	-0.074	0.051	0.39	2.468	13.667	82.025	-4102.99	4766.94	ERDAY3	42589_2589
	42589	2590	0.074	-0.051	-0.39	-2.468	-18.111	-81.445	1068.41	889.8	ERDAY3	42589_2590
	42590	2590	-0.071	-0.08	0.45	1.329	18.111	81.442	1064.83	892.44	ERDAY3	42590_2590
	42590	2591	0.071	0.079	-0.45	-1.329	-24.095	-82.504	-4484.98	5062.4	ERDAY3	42590_2591
	42591	2591	-0.067	-0.079	0.451	1.974	24.095	82.491	-4484.85	5062.06	ERDAY3	42591_2591
	42591	2592	0.067	0.08	-0.451	-1.974	-29.064	-83.371	747.34	1169.75	ERDAY3	42591_2592
	42592	2592	-0.067	-0.192	0.447	0.563	29.064	83.331	773.42	1149.37	ERDAY3	42592_2592
	42592	2593	0.067	0.191	-0.447	-0.563	-34.756	-85.772	-4580.19	5201.26	ERDAY3	42592_2593
	42593	2593	-0.066	-0.191	0.447	0.619	34.756	85.771	-4580.19	5201.25	ERDAY3	42593_2593
	42593	2594	0.066	0.192	-0.447	-0.619	-39.949	-87.997	892.31	1157.18	ERDAY3	42593_2594
	42594	2594	-0.067	-0.058	0.43	-1.126	39.949	88.059	857.97	1183.99	ERDAY3	42594_2594
	42594	2595	0.067	0.058	-0.43	1.126	-45.054	-88.745	-4539.24	5232.11	ERDAY3	42594_2595
	42595	2595	-0.062	-0.058	0.431	-0.106	45.054	88.752	-4539.29	5232.35	ERDAY3	42595_2595
	42595	2596	0.062	0.058	-0.431	0.106	-50.438	-89.475	906.2	1177.34	ERDAY3	42595_2596
	42596	2596	-0.058	-0.835	1.228	-1.602	50.438	89.484	905.08	1178.39	ERDAY3	42596_2596
	42596	2597	0.058	0.835	-1.228	1.602	-65.318	-99.605	-3996.12	5051.29	ERDAY3	42596_2597
	42597	2597	-0.058	-0.835	1.228	-1.571	65.318	99.605	-3996.12	5051.3	ERDAY3	42597_2597
	42597	2598	0.058	0.835	-1.228	1.571	-80.327	-109.813	1956.08	814.12	ERDAY3	42597_2598
	42598	2598	-0.06	0.654	-3.257	-2.408	80.327	109.886	1941.76	826.28	ERDAY3	42598_2598
	42598	2599	0.06	-0.654	3.257	2.408	-38.846	-101.559	-4223.43	5261.64	ERDAY3	42598_2599
42599	2599	-0.079	0.654	-3.257	-1.841	38.846	101.571	-4223.63	5261.88	ERDAY3	42599_2599	
42599	2600	0.079	-0.654	3.257	1.841	2.524	-93.266	1452.06	847.75	ERDAY3	42599_2600	
42600	2600	-0.071	8.246	0.221	-2.278	-2.524	93.214	1442.4	853.84	ERDAY3	42600_2600	
42600	2601	0.071	-8.246	-0.221	2.278	0	0.722	9.59	-21.72	ERDAY3	42600_2601	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM		
									STRESS	STRESS		
SPAN 11 -- Day 148 minus Cumulative Affects thru Day 12	43298	3298	-2.963	-4.477	2.652	12.802	-68.259	-5616.87	3673.93	-4359.24	ERDAY3	43298_3298
	43298	3299	2.967	5.919	-2.652	-12.802	46.417	5574.063	2126.34	-3809.31	ERDAY3	43298_3299
	43299	3299	-2.943	-5.929	2.658	0.935	-46.376	-5574.08	2128.3	-3807.37	ERDAY3	43299_3299
	43299	3300	2.943	7.232	-2.658	-0.935	26.565	5525.043	748.72	-3289.2	ERDAY3	43299_3300
	43300	3300	-2.937	-7.232	2.664	-9.182	-26.565	-5524.25	1121.49	-2623.86	ERDAY3	43300_3300
	43300	3301	2.937	8.476	-2.664	9.182	7.632	5468.432	374.3	-2321.17	ERDAY3	43300_3301
	43301	3301	-2.949	-3.786	-0.197	14.097	-7.632	-5468.69	374.32	-2321.3	ERDAY3	43301_3301
	43301	3302	2.949	5.9	0.197	-14.097	10.013	5410.186	-627.83	-1921.78	ERDAY3	43301_3302
	43302	3302	-2.95	-5.9	-0.185	-6.514	-10.013	-5410.2	-627.83	-1921.8	ERDAY3	43302_3302
	43302	3303	2.95	8.034	0.185	6.514	12.279	5325.241	-1561.16	-1537.65	ERDAY3	43302_3303
	43303	3303	-2.94	-11.287	0.998	10.728	-12.279	-5325.43	-1561.22	-1537.69	ERDAY3	43303_3303
	43303	3304	2.94	13.534	-0.998	-10.728	-0.527	5166.18	-2297.61	-1198.14	ERDAY3	43303_3304
	43304	3304	-2.938	-13.534	1.007	-4.892	0.527	-5166.19	-2297.61	-1198.15	ERDAY3	43304_3304
	43304	3305	2.938	15.536	-1.007	4.892	-12.05	4999.856	-2880.97	-913.26	ERDAY3	43304_3305
	43305	3305	-2.937	-18.274	0.61	10.57	12.05	-5000.04	-2881.09	-913.29	ERDAY3	43305_3305
	43305	3306	2.937	20.59	-0.61	-10.57	-20.116	4742.892	-3313.04	-649.35	ERDAY3	43305_3306
	43306	3306	-2.934	-20.59	0.62	-7.031	20.116	-4742.9	-3313.04	-649.35	ERDAY3	43306_3306
	43306	3307	2.934	22.522	-0.62	7.031	-26.967	4504.861	-3602.7	-446.42	ERDAY3	43306_3307
	43307	3307	-2.93	-25.64	0.934	8.163	26.967	-4505.03	-3602.87	-446.42	ERDAY3	43307_3307
	43307	3308	2.93	27.84	-0.934	-8.163	-38.698	4168.945	-3715.83	-271.09	ERDAY3	43307_3308
	43308	3308	-2.926	-27.84	0.943	-5.811	38.698	-4168.95	-3715.82	-271.09	ERDAY3	43308_3308
	43308	3309	2.926	29.888	-0.943	5.811	-49.735	3831.169	-3745.98	-126.18	ERDAY3	43308_3309
	43309	3309	-2.919	-34.089	1.268	5.428	49.735	-3831.37	-3746.03	-126.21	ERDAY3	43309_3309
	43309	3310	2.919	36.165	-1.268	-5.428	-64.783	3414.503	-3576.29	-25.1	ERDAY3	43309_3310
	43310	3310	-2.915	-36.165	1.277	-4.571	64.783	-3414.5	-3576.28	-25.09	ERDAY3	43310_3310
	43310	3311	2.915	38.338	-1.277	4.571	-80.628	2952.086	-3319.14	61.2	ERDAY3	43310_3311
	43311	3311	-2.896	-37.363	3.658	2.822	80.628	-2952.15	-3319.25	61.26	ERDAY3	43311_3311
	43311	3312	2.896	39.482	-3.658	-2.822	-124.922	2486.923	-2846.43	67.66	ERDAY3	43311_3312
	43312	3312	-2.884	-39.482	3.668	-4.986	124.922	-2486.92	-2846.42	67.68	ERDAY3	43312_3312
	43312	3313	2.884	41.61	-3.668	4.986	-169.514	1993.894	-2293.64	55.05	ERDAY3	43312_3313
	43313	3313	-2.94	-53.791	-4.09	2.567	169.514	-1994.03	-2293.78	54.93	ERDAY3	43313_3313
	43313	3314	2.94	56.015	4.09	-2.567	-117.531	1296.156	-1499.32	32.54	ERDAY3	43313_3314
	43314	3314	-2.954	-56.015	-4.079	-2.273	117.531	-1296.16	-1499.34	32.53	ERDAY3	43314_3314
43314	3315	2.954	58.228	4.079	2.273	-65.931	573.479	-623.86	-10.49	ERDAY3	43314_3315	
43315	3315	-2.815	-64.602	-8.057	-7.848	65.931	-573.684	-623.66	-10.33	ERDAY3	43315_3315	
43315	3316	2.815	66.034	8.057	7.848	0	39.168	18.08	-39.97	ERDAY3	43315_3316	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113	44039	4039	-0.367	-8.521	0.111	0.853	-15.19	99.982	-1590.96	3260.94	ERDAY15 44039_4039
	44039	4040	0.367	8.521	-0.111	-0.853	13.892	-200.088	1747.06	2844.27	ERDAY15 44039_4040
	44040	4040	-0.369	-0.604	-0.076	0.894	-13.892	200.09	1751.44	2840.95	ERDAY15 44040_4040
	44040	4041	0.369	0.604	0.076	-0.894	14.524	-205.077	-3675.73	6998.4	ERDAY15 44040_4041
	44041	4041	-0.368	-0.604	-0.077	0.797	-14.524	205.077	-3675.73	6998.41	ERDAY15 44041_4041
	44041	4042	0.368	0.604	0.077	-0.797	15.742	-214.666	726.25	3909.14	ERDAY15 44041_4042
	44042	4042	-0.361	1.525	0.728	0.886	-15.742	214.666	727.36	3908.38	ERDAY15 44042_4042
	44042	4043	0.361	-1.526	-0.728	-0.886	7.041	-196.442	-5041.82	7839.78	ERDAY15 44042_4043
	44043	4043	-0.361	1.526	0.728	0.872	-7.041	196.442	-5041.82	7839.78	ERDAY15 44043_4043
	44043	4044	0.361	-1.526	-0.728	-0.872	-1.652	-178.235	241.15	3515.81	ERDAY15 44043_4044
	44044	4044	-0.367	1.155	0.038	0.625	1.652	178.209	247.89	3510.16	ERDAY15 44044_4044
	44044	4045	0.367	-1.155	-0.038	-0.625	-2.114	-164.415	-5185.2	7282.4	ERDAY15 44044_4045
	44045	4045	-0.367	1.155	0.038	0.625	2.114	164.415	-5185.2	7282.4	ERDAY15 44045_4045
	44045	4046	0.367	-1.155	-0.038	-0.625	-2.577	-150.623	442.89	2792.22	ERDAY15 44045_4046
	44046	4046	-0.367	1.151	-0.038	0.198	2.577	150.629	442.89	2792.33	ERDAY15 44046_4046
	44046	4047	0.367	-1.152	0.038	-0.198	-2.127	-136.879	-4767.78	6399.34	ERDAY15 44046_4047
	44047	4047	-0.367	1.152	-0.038	0.198	2.127	136.879	-4767.78	6399.34	ERDAY15 44047_4047
	44047	4048	0.367	-1.151	0.038	-0.198	-1.677	-123.129	1073.51	1750.78	ERDAY15 44047_4048
	44048	4048	-0.369	1.344	-0.261	-0.179	1.677	123.109	1079.93	1745.54	ERDAY15 44048_4048
	44048	4049	0.369	-1.343	0.261	0.179	1.438	-107.053	-3732.83	5007.46	ERDAY15 44048_4049
	44049	4049	-0.369	1.343	-0.261	-0.186	-1.438	107.053	-3732.83	5007.46	ERDAY15 44049_4049
	44049	4050	0.369	-1.344	0.261	0.186	4.549	-91.01	2515.01	7.64	ERDAY15 44049_4050
	44050	4050	-0.369	0.457	-0.328	-0.418	-4.549	91.058	2504.32	16.62	ERDAY15 44050_4050
44050	4051	0.369	-0.458	0.328	0.418	9.753	-83.812	-1739.42	3036.26	ERDAY15 44050_4051	
44051	4051	-0.369	0.458	-0.328	-0.368	-9.753	83.813	-1743.85	3039.17	ERDAY15 44051_4051	
44051	4052	0.369	-0.457	0.328	0.368	12.462	-80.04	3749.46	-1143.14	ERDAY15 44051_4052	
44052	4052	-0.367	3.813	-0.495	-0.155	-12.462	80.04	3753.65	-1146.3	ERDAY15 44052_4052	
44052	4053	0.367	-3.813	0.495	0.155	18.281	-35.225	-257.39	920.94	ERDAY15 44052_4053	
44053	4053	-0.361	-0.392	-0.496	-0.144	-18.371	37.131	-366.56	1042.42	ERDAY16 44053_4053	
44053	4054	0.361	0.392	0.496	0.144	24.933	-42.321	4517.64	-2498.93	ERDAY16 44053_4054	
44054	4054	-0.372	-0.029	0.958	0.086	-24.933	42.302	4511.21	-2494.84	ERDAY16 44054_4054	
44054	4055	0.372	0.029	-0.958	-0.086	12.961	-42.663	-1126.14	1724.3	ERDAY16 44054_4055	
44055	4055	-0.372	-0.029	0.958	0.086	-12.961	42.663	-1126.14	1724.3	ERDAY16 44055_4055	
44055	4056	0.372	0.029	-0.958	-0.086	0.988	-43.024	4963.76	-2817.99	ERDAY16 44055_4056	
44056	4056	-0.38	-0.03	-1.191	0.173	-0.988	43.007	4963.7	-2819.81	ERDAY16 44056_4056	
44056	4057	0.38	0.03	1.191	-0.173	12.301	-43.295	-1017.84	1654.96	ERDAY16 44056_4057	
44057	4057	-0.38	-0.03	-1.191	0.154	-12.301	43.296	-1018.94	1655.66	ERDAY16 44057_4057	
44057	4058	0.38	0.03	1.191	-0.154	21.537	-43.53	-887.85	1562.59	ERDAY16 44057_4058	
44058	4058	-0.38	-0.03	-1.191	0.154	-21.537	43.53	-887.85	1562.59	ERDAY16 44058_4058	
44058	4059	0.38	0.03	1.191	-0.154	30.773	-43.766	3746.67	-1895.29	ERDAY16 44058_4059	
44059	4059	-0.372	0.325	1.139	0.291	-30.773	43.763	3746.51	-1895.18	ERDAY16 44059_4059	
44059	4060	0.372	-0.326	-1.139	-0.291	21.651	-41.155	-1216.65	1759.04	ERDAY16 44059_4060	
44060	4060	-0.373	0.326	1.139	0.237	-21.651	41.155	-1216.66	1759.03	ERDAY16 44060_4060	
44060	4061	0.373	-0.326	-1.139	-0.237	12.543	-38.549	-1374.93	1823.27	ERDAY16 44060_4061	
44061	4061	-0.372	0.326	1.139	0.284	-12.543	38.549	-1374.92	1823.27	ERDAY16 44061_4061	
44061	4062	0.372	-0.326	-1.139	-0.284	3.433	-35.944	3262.55	-1695.7	ERDAY16 44061_4062	
44062	4062	-0.375	0.211	0.638	0.438	-3.433	35.939	3264.92	-1697.75	ERDAY16 44062_4062	
44062	4063	0.375	-0.212	-0.638	-0.438	-0.395	-34.667	-771.63	1291.87	ERDAY16 44062_4063	
44063	4063	-0.376	0.212	0.637	0.381	0.395	34.668	-771.64	1291.88	ERDAY16 44063_4063	
44063	4064	0.376	-0.212	-0.637	-0.381	-4.219	-33.396	-2106.21	2262.66	ERDAY16 44063_4064	
44064	4064	-0.375	0.212	0.638	0.432	4.219	33.395	-2106.2	2262.65	ERDAY16 44064_4064	
44064	4065	0.375	-0.212	-0.638	-0.432	-8.04	-32.126	-743.03	1217.81	ERDAY16 44064_4065	
44065	4065	-0.375	0.212	0.638	0.436	8.04	32.126	-743.03	1217.81	ERDAY16 44065_4065	
44065	4066	0.375	-0.212	-0.638	-0.436	-11.867	-30.854	3322.14	-1845.92	ERDAY16 44065_4066	
44066	4066	-0.375	0.318	0.515	0.476	11.867	30.853	3322.63	-1846.38	ERDAY16 44066_4066	
44066	4067	0.375	-0.318	-0.515	-0.476	-15.993	-28.309	-1289.81	1547.14	ERDAY16 44066_4067	
44067	4067	-0.375	0.318	0.515	0.475	15.993	28.309	-1289.81	1547.14	ERDAY16 44067_4067	
44067	4068	0.375	-0.318	-0.515	-0.475	-20.115	-25.767	-1100.25	1352.82	ERDAY16 44067_4068	
44068	4068	-0.374	0.318	0.516	0.508	20.115	25.767	-1100.24	1352.8	ERDAY16 44068_4068	
44068	4069	0.374	-0.318	-0.516	-0.508	-24.245	-23.223	3891.22	-2429.4	ERDAY16 44068_4069	
44069	4069	-0.376	-0.044	0.961	0.627	24.245	23.205	3888.73	-2428.27	ERDAY16 44069_4069	
44069	4070	0.376	0.044	-0.961	-0.627	-31.688	-23.547	-679.67	992.17	ERDAY16 44069_4070	
44070	4070	-0.376	-0.044	0.961	0.63	31.688	23.547	-679.67	992.17	ERDAY16 44070_4070	
44070	4071	0.376	0.044	-0.961	-0.63	-39.14	-23.889	-747.98	1050.28	ERDAY16 44070_4071	
44071	4071	-0.376	-0.044	0.961	0.621	39.14	23.89	-748.7	1050.74	ERDAY16 44071_4071	
44071	4072	0.376	0.044	-0.961	-0.621	-48.267	-24.308	5304.42	-3463.96	ERDAY16 44071_4072	
44072	4072	-0.414	0.068	-1.582	0.714	48.267	24.302	5304.65	-3464.85	ERDAY16 44072_4072	
44072	4073	0.414	-0.068	1.582	-0.714	-28.494	-23.445	-1237.84	1406.46	ERDAY16 44072_4073	
44073	4073	-0.413	0.068	-1.583	0.695	28.494	23.446	-1237.83	1406.48	ERDAY16 44073_4073	
44073	4074	0.413	-0.069	1.583	-0.695	-8.715	-22.589	3922.22	-2467.28	ERDAY16 44073_4074	
44074	4074	-0.376	3.015	0.414	0.994	8.715	22.595	3925	-2468.53	ERDAY16 44074_4074	
44074	4075	0.376	-3.016	-0.414	-0.994	-14.195	17.362	2824.14	-2474.11	ERDAY16 44074_4075	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 7 -- Day 148 minus Cumulative Affects thru Day 54	44151	4151	-0.434	-8.179	0.327	0.676	-7.236	109.441	-2172.51	3928.86	ERDAY9	44151_4151
	44151	4152	0.434	8.179	-0.327	-0.676	3.389	-205.55	668.07	3797.27	ERDAY9	44151_4152
	44152	4152	-0.433	-0.519	0.273	0.9	-3.389	205.552	668.04	3797.33	ERDAY9	44152_4152
	44152	4153	0.433	0.519	-0.273	-0.9	1.142	-209.834	-4014.73	7386	ERDAY9	44152_4153
	44153	4153	-0.433	-0.519	0.272	0.795	-1.142	209.832	-3996.42	7374.46	ERDAY9	44153_4153
	44153	4154	0.433	0.519	-0.272	-0.795	-2.598	-216.965	-447.77	4870.92	ERDAY9	44153_4154
	44154	4154	-0.432	1.362	0.156	0.595	2.598	216.962	-447.73	4870.84	ERDAY9	44154_4154
	44154	4155	0.432	-1.362	-0.156	-0.595	-4.316	-201.98	-5241.31	8141.8	ERDAY9	44154_4155
	44155	4155	-0.431	1.362	0.156	0.779	4.316	201.98	-5241.3	8141.78	ERDAY9	44155_4155
	44155	4156	0.431	-1.362	-0.156	-0.779	-6.037	-186.998	-932.82	4611.98	ERDAY9	44155_4156
	44156	4156	-0.432	0.91	0.172	0.23	6.037	186.995	-932.74	4611.86	ERDAY9	44156_4156
	44156	4157	0.432	-0.909	-0.172	-0.23	-7.751	-177.888	-4837.26	7340.37	ERDAY9	44156_4157
	44157	4157	-0.432	0.909	0.172	0.408	7.751	177.888	-4837.26	7340.36	ERDAY9	44157_4157
	44157	4158	0.432	-0.91	-0.172	-0.408	-9.472	-168.782	-1204.31	4437.13	ERDAY9	44157_4158
	44158	4158	-0.428	0.976	0.011	-0.22	9.472	168.831	-1214.39	4445.71	ERDAY9	44158_4158
	44158	4159	0.428	-0.976	-0.011	0.22	-9.582	-159.056	-4472.18	6677.14	ERDAY9	44158_4159
	44159	4159	-0.428	0.976	0.011	-0.062	9.582	159.056	-4472.18	6677.15	ERDAY9	44159_4159
	44159	4160	0.428	-0.977	-0.011	0.062	-9.698	-149.281	-192.51	3276.84	ERDAY9	44159_4160
	44160	4160	-0.423	1.153	-0.374	-0.537	9.698	149.276	-192.41	3276.71	ERDAY9	44160_4160
	44160	4161	0.423	-1.153	0.374	0.537	-5.575	-136.592	-4018.69	5872.59	ERDAY9	44160_4161
	44161	4161	-0.423	1.153	-0.374	-0.539	5.575	136.592	-4018.69	5872.59	ERDAY9	44161_4161
	44161	4162	0.423	-1.153	0.374	0.539	-1.457	-123.92	1248.27	1674.54	ERDAY9	44161_4162
	44162	4162	-0.423	0.085	-0.468	-0.725	1.457	123.87	1256.72	1667.16	ERDAY9	44162_4162
	44162	4163	0.423	-0.084	0.468	0.725	4.985	-122.706	-2162.85	4198.02	ERDAY9	44162_4163
	44163	4163	-0.422	0.084	-0.469	-0.901	-4.985	122.703	-2152.17	4191.16	ERDAY9	44163_4163
	44163	4164	0.422	-0.085	0.469	0.901	8.855	-122.005	2632.96	602.3	ERDAY9	44163_4164
	44164	4164	-0.424	3.905	-0.414	-0.491	-8.855	122.03	2626.34	607.73	ERDAY9	44164_4164
	44164	4165	0.424	-3.905	0.414	0.491	13.713	-76.147	-863.39	2262.59	ERDAY9	44164_4165
PIER 7 -- Day 148 minus Cumulative Affects thru Day 61	44165	4165	-0.39	-0.625	-0.416	-0.55	-13.749	77.307	-926.98	2336.17	ERDAY10	44165_4165
	44165	4166	0.39	0.625	0.416	0.55	19.253	-85.581	4333.59	-1421.7	ERDAY10	44165_4166
	44166	4166	-0.407	0.026	1.851	-0.174	-19.253	85.614	4338.51	-1424.76	ERDAY10	44166_4166
	44166	4167	0.407	-0.026	-1.851	0.174	-3.886	-85.29	-1517.19	2942.58	ERDAY10	44166_4167
	44167	4167	-0.407	0.026	1.851	-0.174	3.886	85.29	-1517.19	2942.58	ERDAY10	44167_4167
	44167	4168	0.407	-0.026	-1.851	0.174	-27.023	-84.966	4720.24	-1723.35	ERDAY10	44167_4168
	44168	4168	-0.34	-0.125	-1.454	-0.18	27.023	85.037	4725.7	-1725.09	ERDAY10	44168_4168
	44168	4169	0.34	0.124	1.454	0.18	-13.209	-86.222	-1455.74	2916.9	ERDAY10	44168_4169
	44169	4169	-0.341	-0.124	-1.454	-0.108	13.209	86.221	-1450.84	2913.72	ERDAY10	44169_4169
	44169	4170	0.341	0.125	1.454	0.108	-1.941	-87.189	-1319.91	2835.99	ERDAY10	44169_4170
	44170	4170	-0.341	-0.125	-1.454	-0.108	1.941	87.189	-1319.91	2835.99	ERDAY10	44170_4170
	44170	4171	0.341	0.124	1.454	0.108	9.327	-88.156	3465.94	-718.37	ERDAY10	44170_4171
	44171	4171	-0.361	0.297	0.117	-0.032	-9.327	88.157	3465.87	-718.46	ERDAY10	44171_4171
	44171	4172	0.361	-0.296	-0.117	0.032	8.392	-85.784	-1700.28	3090.74	ERDAY10	44171_4172
	44172	4172	-0.361	0.296	0.117	-0.032	-8.392	85.784	-1700.28	3090.74	ERDAY10	44172_4172
	44172	4173	0.361	-0.297	-0.117	0.032	7.457	-83.411	-1906.22	3195.31	ERDAY10	44172_4173
	44173	4173	-0.361	0.297	0.117	-0.032	-7.457	83.411	-1906.22	3195.31	ERDAY10	44173_4173
	44173	4174	0.361	-0.296	-0.117	0.032	6.522	-81.038	2848.05	-404.77	ERDAY10	44173_4174
	44174	4174	-0.361	0.169	0.179	0.032	-6.522	81.055	2843	-400.63	ERDAY10	44174_4174
	44174	4175	0.361	-0.168	-0.179	-0.032	5.452	-80.046	-1319.48	2687.29	ERDAY10	44174_4175
	44175	4175	-0.361	0.168	0.179	0.032	-5.452	80.046	-1319.48	2687.29	ERDAY10	44175_4175
	44175	4176	0.361	-0.168	-0.179	-0.032	4.382	-79.038	-2691.87	3691.36	ERDAY10	44175_4176
	44176	4176	-0.361	0.168	0.179	0.032	-4.382	79.038	-2691.87	3691.36	ERDAY10	44176_4176
	44176	4177	0.361	-0.168	-0.179	-0.032	3.313	-78.03	-1274.18	2611.6	ERDAY10	44176_4177
	44177	4177	-0.361	0.168	0.179	0.032	-3.313	78.03	-1274.18	2611.6	ERDAY10	44177_4177
	44177	4178	0.361	-0.168	-0.179	-0.032	2.243	-77.022	2933.59	-551.99	ERDAY10	44177_4178
	44178	4178	-0.358	0.215	0.025	0.077	-2.243	77.039	2928.55	-547.79	ERDAY10	44178_4178
	44178	4179	0.358	-0.215	-0.025	-0.077	2.038	-75.326	-1775.82	2930.23	ERDAY10	44178_4179
	44179	4179	-0.358	0.215	0.025	0.077	-2.038	75.326	-1775.82	2930.23	ERDAY10	44179_4179
	44179	4180	0.358	-0.214	-0.025	-0.077	1.834	-73.609	-1529	2710.27	ERDAY10	44179_4180
	44180	4180	-0.358	0.214	0.026	0.17	-1.834	73.609	-1529	2710.26	ERDAY10	44180_4180
	44180	4181	0.358	-0.214	-0.026	-0.17	1.626	-71.893	3677.91	-1214.25	ERDAY10	44180_4181
	44181	4181	-0.366	-0.009	1.785	0.136	-1.626	71.933	3682.3	-1216.6	ERDAY10	44181_4181
	44181	4182	0.366	0.008	-1.785	-0.136	-12.207	-71.998	-1036.74	2309.28	ERDAY10	44181_4182
	44182	4182	-0.363	-0.008	1.785	0.229	12.207	71.998	-1036.72	2309.28	ERDAY10	44182_4182
	44182	4183	0.363	0.009	-1.785	-0.229	-26.043	-72.062	-1100.7	2358.41	ERDAY10	44182_4183
	44183	4183	-0.365	-0.009	1.785	0.164	26.043	72.061	-1094.53	2354.34	ERDAY10	44183_4183
	44183	4184	0.365	0.008	-1.785	-0.164	-43.002	-72.141	5189.94	-2336.97	ERDAY10	44183_4184
	44184	4184	-0.314	0.012	-2.17	0.198	43.002	72.141	5190.2	-2336.68	ERDAY10	44184_4184
	44184	4185	0.314	-0.011	2.17	-0.198	-15.873	-71.999	-1553.86	2696.55	ERDAY10	44184_4185
	44185	4185	-0.314	0.011	-2.17	0.198	15.873	71.999	-1553.86	2696.55	ERDAY10	44185_4185
	44185	4186	0.314	-0.011	2.17	-0.198	11.255	-71.858	3836.07	-1331.35	ERDAY10	44185_4186
44186	4186	-0.345	2.728	0.282	0.535	-11.255	71.861	3835.82	-1331.38	ERDAY10	44186_4186	
44186	4187	0.345	-2.729	-0.282	-0.535	7.515	-35.709	2346.53	-969.71	ERDAY10	44186_4187	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 8 -- Day 148 minus Cumulative Affects thru Day 40	44187	4187	-0.576	-8.068	0.293	0.421	-7.559	125.09	-2825.13	4733.54	ERDAY7	44187_4187
	44187	4188	0.576	8.068	-0.293	-0.421	4.118	-219.897	183.46	4454.89	ERDAY7	44187_4188
	44188	4188	-0.575	0.762	0.275	0.542	-4.118	219.898	183.42	4454.93	ERDAY7	44188_4188
	44188	4189	0.575	-0.762	-0.275	-0.542	1.854	-213.613	-4614.02	7907	ERDAY7	44188_4189
	44189	4189	-0.575	0.762	0.274	0.439	-1.854	213.62	-4622.81	7843.8	ERDAY7	44189_4189
	44189	4190	0.575	-0.762	-0.274	-0.439	-1.914	-203.153	-379.92	4424.38	ERDAY7	44189_4190
	44190	4190	-0.563	1.048	-0.718	0.272	1.914	203.15	-379.83	4424.36	ERDAY7	44190_4190
	44190	4191	0.563	-1.048	0.718	-0.272	5.986	-191.62	-5475.07	8043.28	ERDAY7	44190_4191
	44191	4191	-0.563	1.048	-0.717	0.447	-5.986	191.619	-5475.07	8043.27	ERDAY7	44191_4191
	44191	4192	0.563	-1.048	0.717	-0.447	13.88	-180.088	-780.99	4261.23	ERDAY7	44191_4192
	44192	4192	-0.582	0.833	0.798	-0.273	-13.88	180.082	-781	4260.95	ERDAY7	44192_4192
	44192	4193	0.582	-0.833	-0.798	0.273	5.857	-171.71	-4951.2	7244.41	ERDAY7	44192_4193
	44193	4193	-0.582	0.833	0.798	-0.273	-5.857	171.71	-4951.2	7244.41	ERDAY7	44193_4193
	44193	4194	0.582	-0.833	-0.798	0.273	-2.167	-163.339	-949.79	4049.93	ERDAY7	44193_4194
	44194	4194	-0.573	0.817	0.453	-0.68	2.167	163.377	-959.65	4058.23	ERDAY7	44194_4194
	44194	4195	0.573	-0.817	-0.453	0.68	-6.715	-155.171	-4496.6	6566.29	ERDAY7	44194_4195
	44195	4195	-0.573	0.817	0.453	-0.832	6.715	155.17	-4496.6	6566.27	ERDAY7	44195_4195
	44195	4196	0.573	-0.817	-0.453	0.832	-11.263	-146.955	130.37	2902.03	ERDAY7	44195_4196
	44196	4196	-0.533	1.08	-1.533	-0.891	11.263	146.918	140.28	2894.14	ERDAY7	44196_4196
	44196	4197	0.533	-1.08	1.533	0.891	5.604	-135.04	-3992.79	5778.59	ERDAY7	44196_4197
	44197	4197	-0.532	1.08	-1.534	-1.014	-5.604	135.039	-3992.77	5778.57	ERDAY7	44197_4197
	44197	4198	0.532	-1.079	1.534	1.014	22.476	-123.159	1663.49	1262.05	ERDAY7	44197_4198
	44198	4198	-0.556	-0.142	-0.334	-1.156	-22.476	123.157	1663.38	1261.88	ERDAY7	44198_4198
44198	4199	0.556	0.141	0.334	1.156	27.077	-125.099	-2087.07	4136.58	ERDAY7	44198_4199	
44199	4199	-0.556	-0.141	-0.334	-1.094	-27.077	125.097	-2079.23	4129.63	ERDAY7	44199_4199	
44199	4200	0.556	0.141	0.334	1.094	29.836	-126.263	3020.4	296.6	ERDAY7	44199_4200	
44200	4200	-0.553	4.148	-0.64	-0.433	-29.836	126.276	3013.32	302.29	ERDAY7	44200_4200	
44200	4201	0.553	-4.149	0.64	0.433	37.355	-77.566	-863.5	2249.64	ERDAY7	44200_4201	
PIER 8 -- Day 148 minus Cumulative Affects thru Day 47	44201	4201	-0.546	-0.633	-0.635	-0.375	-37.504	80.785	-1048.27	2454.82	ERDAY8	44201_4201
	44201	4202	0.546	0.633	0.635	0.375	45.925	-89.172	4619.32	-1661.78	ERDAY8	44201_4202
	44202	4202	-0.583	0.018	1.252	0.035	-45.925	89.181	4619.12	-1661.75	ERDAY8	44202_4202
	44202	4203	0.583	-0.018	-1.252	-0.035	30.279	-88.953	-1704.01	3115.51	ERDAY8	44202_4203
	44203	4203	-0.583	0.018	1.252	0.035	-30.279	88.953	-1704.01	3115.51	ERDAY8	44203_4203
	44203	4204	0.583	-0.018	-1.252	-0.035	14.634	-88.725	5128.27	-2056	ERDAY8	44203_4204
	44204	4204	-0.537	-0.164	-1.08	0.319	-14.634	88.731	5128.45	-2055.65	ERDAY8	44204_4204
	44204	4205	0.537	0.164	1.08	-0.319	24.895	-90.292	-1579.39	3048.69	ERDAY8	44204_4205
	44205	4205	-0.538	-0.164	-1.079	0.397	-24.895	90.288	-1568.78	3039.05	ERDAY8	44205_4205
	44205	4206	0.538	0.165	1.079	-0.397	33.261	-91.562	-1412.42	2946.42	ERDAY8	44205_4206
	44206	4206	-0.536	-0.165	-1.081	0.278	-33.261	91.562	-1412.42	2946.44	ERDAY8	44206_4206
	44206	4207	0.536	0.164	1.081	-0.278	41.633	-92.835	3815.52	-984.16	ERDAY8	44206_4207
	44207	4207	-0.57	0.259	0.619	0.672	-41.633	92.839	3815.17	-984.12	ERDAY8	44207_4207
	44207	4208	0.57	-0.259	-0.619	-0.672	36.681	-90.768	-1758.44	3191.99	ERDAY8	44207_4208
	44208	4208	-0.571	0.259	0.619	0.559	-36.681	90.769	-1758.45	3192	ERDAY8	44208_4208
	44208	4209	0.571	-0.259	-0.619	-0.559	31.733	-88.699	-1928.15	3278.65	ERDAY8	44208_4209
	44209	4209	-0.571	0.259	0.619	0.559	-31.733	88.699	-1928.15	3278.65	ERDAY8	44209_4209
	44209	4210	0.571	-0.259	-0.619	-0.559	26.786	-86.629	3306.17	-724.27	ERDAY8	44209_4210
	44210	4210	-0.573	0.143	0.807	0.821	-26.786	86.644	3299.68	-718.65	ERDAY8	44210_4210
	44210	4211	0.573	-0.143	-0.807	-0.821	21.944	-85.79	-1235.92	2696.47	ERDAY8	44210_4211
	44211	4211	-0.573	0.143	0.807	0.818	-21.944	85.79	-1235.93	2696.47	ERDAY8	44211_4211
	44211	4212	0.573	-0.142	-0.807	-0.818	17.111	-84.937	-2731.82	3811.29	ERDAY8	44211_4212
	44212	4212	-0.573	0.142	0.807	0.82	-17.111	84.937	-2731.82	3811.29	ERDAY8	44212_4212
44212	4213	0.573	-0.142	-0.807	-0.82	12.269	-84.082	-1193.03	2629.54	ERDAY8	44212_4213	
44213	4213	-0.573	0.142	0.807	0.82	-12.269	84.082	-1193.03	2629.54	ERDAY8	44213_4213	
44213	4214	0.573	-0.143	-0.807	-0.82	7.427	-83.228	3385.51	-852.55	ERDAY8	44213_4214	
44214	4214	-0.576	0.199	1.083	0.991	-7.427	83.226	3391.9	-857.85	ERDAY8	44214_4214	
44214	4215	0.576	-0.198	-1.083	-0.991	-1.236	-81.641	-1808.51	3045.63	ERDAY8	44214_4215	
44215	4215	-0.576	0.198	1.083	0.991	1.236	81.641	-1808.51	3045.63	ERDAY8	44215_4215	
44215	4216	0.576	-0.198	-1.083	-0.991	-9.9	-80.056	-1605.06	2859.68	ERDAY8	44215_4216	
44216	4216	-0.576	0.198	1.083	0.991	9.9	80.056	-1605.06	2859.68	ERDAY8	44216_4216	
44216	4217	0.576	-0.198	-1.083	-0.991	-18.563	-78.471	4002.26	-1415.7	ERDAY8	44216_4217	
44217	4217	-0.572	0.015	1.273	1.077	18.563	78.495	4007.6	-1418.86	ERDAY8	44217_4217	
44217	4218	0.572	-0.014	-1.273	-1.077	-28.434	-78.383	-1139.58	2474.06	ERDAY8	44217_4218	
44218	4218	-0.57	0.014	1.275	1.178	28.434	78.382	-1139.56	2474.03	ERDAY8	44218_4218	
44218	4219	0.57	-0.014	-1.275	-1.178	-38.312	-78.27	-1215.31	2529.11	ERDAY8	44218_4219	
44219	4219	-0.571	0.014	1.274	1.096	38.312	78.27	-1212.55	2526.56	ERDAY8	44219_4219	
44219	4220	0.571	-0.015	-1.274	-1.096	-50.415	-78.132	5618.64	-2646.93	ERDAY8	44219_4220	
44220	4220	-0.555	0.06	-0.869	0.84	50.415	78.081	5616.62	-2649.61	ERDAY8	44220_4220	
44220	4221	0.555	-0.06	0.869	-0.84	-39.553	-77.336	-1728.52	2895.11	ERDAY8	44220_4221	
44221	4221	-0.555	0.06	-0.869	0.84	39.553	77.336	-1728.52	2895.11	ERDAY8	44221_4221	
44221	4222	0.555	-0.06	0.869	-0.84	-28.691	-76.59	4128.53	-1553.31	ERDAY8	44221_4222	
44222	4222	-0.563	2.47	-3.316	1.342	28.691	76.563	4122.19	-1549.3	ERDAY8	44222_4222	
44222	4223	0.563	-2.47	3.316	-1.342	15.247	-43.841	2031.97	-627.24	ERDAY8	44222_4223	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 9 - Day 148 minus Cumulative Affects thru Day 26	44223	4223	-0.692	-7.996	-3.869	2.147	-20.472	121.707	-2466.14	4340.42	ERDAY5	44223_4223
	44223	4224	0.692	7.997	3.869	-2.147	65.934	-215.665	1253.74	3420.06	ERDAY5	44223_4224
	44224	4224	-0.639	0.858	4.193	0.809	-65.934	215.662	1246.91	3425.65	ERDAY5	44224_4224
	44224	4225	0.639	-0.859	-4.193	-0.809	31.383	-208.591	-4483.34	7620.39	ERDAY5	44224_4225
	44225	4225	-0.637	0.859	4.192	0.844	-31.383	208.587	-4465.14	7602.73	ERDAY5	44225_4225
	44225	4226	0.637	-0.859	-4.192	-0.844	-34.406	-195.122	1173.62	3060.34	ERDAY5	44225_4226
	44226	4226	-0.608	0.913	0.01	0.392	34.406	195.125	1170.81	3062.74	ERDAY5	44226_4226
	44226	4227	0.608	-0.913	-0.01	-0.392	-34.527	-184.196	-5306.28	7748.82	ERDAY5	44226_4227
	44227	4227	-0.608	0.913	0.013	1.469	34.527	184.191	-5306.24	7748.68	ERDAY5	44227_4227
	44227	4228	0.608	-0.913	-0.013	-1.469	-34.69	-173.262	870.9	2849.57	ERDAY5	44227_4228
	44228	4228	-0.652	0.804	3.236	-0.332	34.69	173.189	877.41	2842.85	ERDAY5	44228_4228
	44228	4229	0.652	-0.804	-3.236	0.332	-73.446	-163.558	-5241.86	7284.01	ERDAY5	44228_4229
	44229	4229	-0.652	0.804	3.236	-0.332	73.446	163.558	-5241.86	7284.01	ERDAY5	44229_4229
	44229	4230	0.652	-0.804	-3.236	0.332	-112.201	-153.926	1300.01	2134.75	ERDAY5	44229_4230
	44230	4230	-0.338	0.721	-6.564	-0.779	112.201	153.908	1302.86	2134.72	ERDAY5	44230_4230
	44230	4231	0.338	-0.721	6.564	0.779	-31.951	-145.093	-4747.79	6540.32	ERDAY5	44230_4231
	44231	4231	-0.391	0.721	-6.56	0.411	31.951	145.095	-4748.04	6540.12	ERDAY5	44231_4231
	44231	4232	0.391	-0.721	6.56	-0.411	48.22	-136.283	2389.82	955.97	ERDAY5	44231_4232
	44232	4232	-0.573	0.509	0.076	-1.542	-48.22	136.228	2399.72	945.76	ERDAY5	44232_4232
	44232	4233	0.573	-0.509	-0.076	1.542	47.314	-130.135	-3863.44	5567.15	ERDAY5	44232_4233
	44233	4233	-0.573	0.509	0.075	-1.666	-47.314	130.129	-3850.61	5554.24	ERDAY5	44233_4233
	44233	4234	0.573	-0.508	-0.075	1.666	46.412	-124.019	2613.02	529.5	ERDAY5	44233_4234
	44234	4234	-0.572	2.987	-0.04	-0.542	-46.412	124.047	2614.08	529.16	ERDAY5	44234_4234
	44234	4235	0.572	-2.986	0.04	0.542	46.834	-91.814	-1159.86	2743.85	ERDAY5	44234_4235
44235	4235	-0.556	-1.089	0.206	0.347	-49.031	90.048	-1056.42	2630.93	ERDAY6	44235_4235	
44235	4236	0.556	1.088	-0.206	-0.347	46.988	-100.853	2524.91	131.92	ERDAY6	44235_4236	
44236	4236	-1.143	-0.025	12.595	-0.774	-46.988	100.822	2527.52	126.05	ERDAY6	44236_4236	
44236	4237	1.143	0.025	-12.595	0.774	-79.685	-101.076	-1458.2	3153.94	ERDAY6	44236_4237	
44237	4237	-1.138	-0.025	12.596	-0.735	79.685	101.076	-1458.18	3153.96	ERDAY6	44237_4237	
44237	4238	1.138	0.026	-12.596	0.735	-214.061	-101.346	4722.34	-1527.93	ERDAY6	44237_4238	
44238	4238	0.547	-0.075	-11.185	0.145	214.061	101.394	4732.06	-1524.02	ERDAY6	44238_4238	
44238	4239	-0.547	0.076	11.185	-0.145	-72.998	-102.344	-2998.45	4357.91	ERDAY6	44238_4239	
44239	4239	0.478	-0.076	-11.189	0.842	72.998	102.345	-2990.76	4349.06	ERDAY6	44239_4239	
44239	4240	-0.478	0.075	11.189	-0.842	59.976	-103.241	3446.85	-520.93	ERDAY6	44239_4240	
44240	4240	-0.4	0.257	2.831	-0.045	-59.976	103.131	3442.69	-525.82	ERDAY6	44240_4240	
44240	4241	0.4	-0.257	-2.831	0.045	32.612	-100.646	-1980.08	3541.82	ERDAY6	44240_4241	
44241	4241	-0.4	0.257	2.831	-0.052	-32.612	100.646	-1980.08	3541.82	ERDAY6	44241_4241	
44241	4242	0.4	-0.257	-2.831	0.052	4.454	-98.09	1648.2	735.71	ERDAY6	44241_4242	
44242	4242	-0.298	0.139	1.027	0.543	-4.454	98.124	1652.57	733.35	ERDAY6	44242_4242	
44242	4243	0.298	-0.139	-1.027	-0.543	-5.864	-96.73	-2650.6	3972.73	ERDAY6	44242_4243	
44243	4243	-0.299	0.139	1.027	0.482	5.864	96.731	-2650.6	3972.74	ERDAY6	44243_4243	
44243	4244	0.299	-0.139	-1.027	-0.482	-15.707	-95.401	2127.11	318.46	ERDAY6	44243_4244	
44244	4244	-0.236	0.102	-0.079	0.219	15.707	95.348	2122.18	321.98	ERDAY6	44244_4244	
44244	4245	0.236	-0.101	0.079	-0.219	-14.973	-94.407	-2511.97	3821.74	ERDAY6	44244_4245	
44245	4245	-0.237	0.101	-0.078	0.819	14.973	94.404	-2511.97	3821.65	ERDAY6	44245_4245	
44245	4246	0.237	-0.102	0.078	-0.819	-14.163	-93.345	1894.25	454.87	ERDAY6	44245_4246	
44246	4246	-0.265	0.136	0.636	0.441	14.163	93.333	1891.15	454.47	ERDAY6	44246_4246	
44246	4247	0.265	-0.136	-0.636	-0.441	-20.629	-91.952	-1756.35	3196.25	ERDAY6	44246_4247	
44247	4247	-0.265	0.136	0.637	0.457	20.629	91.951	-1756.35	3196.26	ERDAY6	44247_4247	
44247	4248	0.265	-0.136	-0.637	-0.457	-26.649	-90.666	3604.18	-899.66	ERDAY6	44247_4248	
44248	4248	-0.232	-0.12	-0.246	-0.37	26.649	90.606	3637.18	-931.59	ERDAY6	44248_4248	
44248	4249	0.232	0.12	0.246	0.37	-23.371	-92.212	-2539.55	3790.46	ERDAY6	44248_4249	
44249	4249	-0.235	-0.12	-0.242	1.014	23.371	92.207	-2535.4	3785.45	ERDAY6	44249_4249	
44249	4250	0.235	0.12	0.242	-1.014	-20.68	-93.543	5205.41	-2069.48	ERDAY6	44249_4250	
44250	4250	-0.247	0.068	0.189	0.124	20.68	93.525	5212.55	-2081.48	ERDAY6	44250_4250	
44250	4251	0.247	-0.069	-0.189	-0.124	-23.128	-92.636	-1571.81	3055.65	ERDAY6	44250_4251	
44251	4251	-0.247	0.069	0.189	0.078	23.128	92.636	-1571.81	3055.64	ERDAY6	44251_4251	
44251	4252	0.247	-0.068	-0.189	-0.078	-24.754	-92.044	2744.64	-235.94	ERDAY6	44251_4252	
44252	4252	-0.195	2.025	-1.94	0.712	24.754	92.058	2743.37	-233.84	ERDAY6	44252_4252	
44252	4253	0.195	-2.025	1.94	-0.712	-2.101	-68.397	87.36	1310.91	ERDAY6	44252_4253	
44253	4253	-0.207	2.025	-1.938	1.121	2.101	68.392	87.36	1310.74	ERDAY6	44253_4253	
44253	4254	0.207	-2.026	1.938	-1.121	17.16	-48.262	7986.19	-5093.71	ERDAY6	44253_4254	

PIER 9 - Day 148 minus Cumulative Affects thru Day 33

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM			
									STRESS	STRESS			
SPAN 10 -- Day 148 minus Cumulative Affects thru Day 5	44254	4254	-0.488	-3.724	2.279	-1.966	-17.547	161.2	1456.44	2113.82	ERDAY2	44254_4254	
	44254	4255	0.488	3.724	-2.279	1.966	-11.175	-208.147	-5907.08	8648	ERDAY2	44254_4255	
	44255	4255	-0.489	-3.724	2.278	-2.087	11.175	208.145	-5900.62	8640.64	ERDAY2	44255_4255	
	44255	4256	0.489	3.725	-2.278	2.087	-38.264	-252.426	1696.78	3749.75	ERDAY2	44255_4256	
	44256	4256	-0.426	0.044	-2.552	-2.518	38.264	252.451	1708.72	3741.64	ERDAY2	44256_4256	
	44256	4257	0.426	-0.044	2.552	2.518	-9.308	-251.957	-5608.19	9294.28	ERDAY2	44256_4257	
	44257	4257	-0.446	0.044	-2.549	-0.615	9.308	251.969	-5608.37	9294.5	ERDAY2	44257_4257	
	44257	4258	0.446	-0.043	2.549	0.615	-20.534	-251.459	325.88	4772.94	ERDAY2	44257_4258	
	44258	4258	-0.459	-0.914	-2.716	-1.929	-20.534	251.463	326.82	4772.21	ERDAY2	44258_4258	
	44258	4259	0.459	0.914	2.716	1.929	52.148	-262.097	-6300.74	10023.14	ERDAY2	44258_4259	
	44259	4259	-0.461	-0.914	-2.716	-1.734	-52.148	262.099	-6300.76	10023.17	ERDAY2	44259_4259	
	44259	4260	0.461	0.913	2.716	1.734	83.157	-272.531	342.24	5181.45	ERDAY2	44259_4260	
	44260	4260	-0.464	-0.767	-4.192	-3.742	-83.157	272.543	339.34	5183.86	ERDAY2	44260_4260	
	44260	4261	0.464	0.766	4.192	3.742	131.649	-281.409	-6000.09	10180.43	ERDAY2	44260_4261	
	44261	4261	-0.512	-0.766	-4.186	-0.475	-131.649	281.433	-6000.47	10180.86	ERDAY2	44261_4261	
	44261	4262	0.512	0.767	4.186	0.475	179.687	-290.228	917.02	5097.76	ERDAY2	44261_4262	
	44262	4262	-0.372	-0.811	5.807	-5.123	-179.687	290.281	923.57	5094.79	ERDAY2	44262_4262	
	44262	4263	0.372	0.81	-5.807	5.123	105.963	-300.576	-5629.3	10282.16	ERDAY2	44262_4263	
	44263	4263	-0.373	-0.81	5.807	-5.137	-105.963	300.576	-5629.3	10282.16	ERDAY2	44263_4263	
	44263	4264	0.373	0.811	-5.807	5.137	39.219	-309.896	2326.74	4420.01	ERDAY2	44263_4264	
	44264	4264	-0.713	2.766	-20.008	-2.833	-39.219	309.933	2362.2	4378.21	ERDAY2	44264_4264	
	44264	4265	0.713	-2.765	20.008	2.833	295.616	-274.495	-4569.06	8945.3	ERDAY2	44264_4265	
	44265	4265	-0.805	2.765	-20.004	-1.563	-295.616	274.505	-4569.49	8945.19	ERDAY2	44265_4265	
	44265	4266	0.805	-2.766	20.004	1.563	532.713	-241.727	3645.36	2040.9	ERDAY2	44265_4266	
	PIER 10 -- Day 148 minus Cumulative Affects thru Day 19	44266	4266	0.114	-0.645	13.151	4.615	-318.296	76.694	-534.31	1936.94	ERDAY4	44266_4266
		44266	4267	-0.114	0.645	-13.151	-4.615	181.454	-83.407	-581.12	2106.45	ERDAY4	44266_4267
44267		4267	0.114	-0.645	13.151	4.62	-181.454	83.407	-581.11	2106.45	ERDAY4	44267_4267	
44267		4268	-0.114	0.645	-13.151	-4.62	61.65	-89.284	-622.1	2254.86	ERDAY4	44267_4268	
44268		4268	0.016	-2.512	4.586	0.446	-61.65	89.347	6009.25	-2791.35	ERDAY4	44268_4268	
44268		4269	-0.016	2.513	-4.586	-0.446	0.524	-122.836	-875.47	3115.05	ERDAY4	44268_4269	
44269		4269	0.068	-2.513	4.587	1.847	-0.524	122.823	-875.1	3114.99	ERDAY4	44269_4269	
44269		4270	-0.068	2.513	-4.587	-1.847	-48.101	-149.466	6541.51	-1996.83	ERDAY4	44269_4270	
44270		4270	-0.021	6.183	-1.989	0.888	48.101	149.443	6532.26	-1989.29	ERDAY4	44270_4270	
44270		4271	0.021	-6.183	1.989	-0.888	-20.709	-64.305	-4467.56	4684.99	ERDAY4	44270_4271	
44271		4271	-0.02	6.183	-1.989	0.877	20.709	64.306	-4467.56	4684.99	ERDAY4	44271_4271	
44271		4272	0.02	-6.184	1.989	-0.877	0	0.064	13.12	-8.24	ERDAY4	44271_4272	
44372		4372	-0.027	-5.591	-1.035	0.556	0	-0.025	9.86	-5.64	ERDAY4	44372_4372	
44372		4373	0.027	5.591	1.035	-0.556	12.807	-69.161	-3679.59	4185.31	ERDAY4	44372_4373	
44373		4373	-0.028	-5.591	-1.035	0.591	-12.807	69.16	-3679.58	4185.31	ERDAY4	44373_4373	
44373		4374	0.028	5.59	1.035	-0.591	25.068	-135.397	3338.22	307.03	ERDAY4	44373_4374	
44374		4374	0.003	1.779	1.42	0.817	-25.068	135.364	3325.32	315.28	ERDAY4	44374_4374	
44374		4375	-0.003	-1.779	-1.42	-0.817	8.522	-114.649	-1819.83	3734.84	ERDAY4	44374_4375	
44375		4375	0.003	1.779	1.421	0.886	-8.522	114.649	-1819.83	3734.82	ERDAY4	44375_4375	
44375		4376	-0.003	-1.779	-1.421	-0.886	-6.102	-96.338	1931.9	549.95	ERDAY4	44375_4376	
44376		4376	0.034	-0.253	-0.134	0.208	6.102	96.333	1942.95	541.44	ERDAY4	44376_4376	
44376		4377	-0.034	0.254	0.134	-0.208	-4.589	-99.206	-2235.57	3726.12	ERDAY4	44376_4377	
44377		4377	0.033	-0.254	-0.134	1.406	4.589	99.197	-2235.42	3725.91	ERDAY4	44377_4377	
44377		4378	-0.033	0.253	0.134	-1.406	-3.102	-102.013	2840.49	-12.2	ERDAY4	44377_4378	
44378		4378	0.037	0.009	0.168	0.918	3.102	102.022	2841.62	-6.94	ERDAY4	44378_4378	
44378		4379	-0.037	-0.009	-0.168	-0.918	-5.089	-101.922	-2186.56	3751.7	ERDAY4	44378_4379	
44379	4379	0.037	0.009	0.169	0.882	5.089	101.923	-2177.56	3746.2	ERDAY4	44379_4379		
44379	4380	-0.037	-0.008	-0.169	-0.882	-7.147	-101.82	3425.02	-444.38	ERDAY4	44379_4380		
44380	4380	0.035	-0.156	0.087	0.534	7.147	101.823	3429.5	-447.04	ERDAY4	44380_4380		
44380	4381	-0.035	0.156	-0.087	-0.534	-8.09	-103.52	-880.84	2810.49	ERDAY4	44380_4381		
44381	4381	0.036	-0.156	0.086	1.308	8.09	103.512	-880.74	2810.35	ERDAY4	44381_4381		
44381	4382	-0.036	0.156	-0.086	-1.308	-8.933	-105.034	2687.39	174.35	ERDAY4	44381_4382		
44382	4382	0.019	1.605	-0.705	1.498	8.933	105.033	2677.51	181.1	ERDAY4	44382_4382		
44382	4383	-0.019	-1.605	0.705	-1.498	-0.704	-86.317	-1853.01	3180.49	ERDAY4	44382_4383		
44383	4383	0.019	1.605	-0.705	1.538	0.704	86.316	-1853.01	3180.47	ERDAY4	44383_4383		
44383	4384	-0.019	-1.605	0.705	-1.538	7.54	-67.565	3662.48	-1331.22	ERDAY4	44383_4384		

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 11 -- Day 148 minus Cumulative Affects thru Day 12	44384	4384	-0.001	1.797	-0.137	2.039	-7.852	110.999	1154.61	1441.59	ERDAY3	44384_4384
	44384	4385	0.001	-1.796	0.137	-2.039	9.557	-88.54	-2948.09	4043.62	ERDAY3	44384_4385
	44385	4385	-0.001	1.796	-0.136	2.088	-9.557	88.538	-2944.72	4041.49	ERDAY3	44385_4385
	44385	4386	0.001	-1.796	0.136	-2.088	10.951	-70.193	2188.39	-175.13	ERDAY3	44385_4386
	44386	4386	0	-0.556	0.42	1.541	-10.951	70.167	2203.94	-187.52	ERDAY3	44386_4386
	44386	4387	0	0.556	-0.42	-1.541	5.932	-76.813	-3634.7	4314.01	ERDAY3	44386_4387
	44387	4387	0.004	-0.556	0.42	2.211	-5.932	76.796	-3634.55	4313.59	ERDAY3	44387_4387
	44387	4388	-0.004	0.556	-0.42	-2.211	0.787	-83.608	1231.69	817.69	ERDAY3	44387_4388
	44388	4388	0.005	-0.021	0.621	1.679	-0.787	83.581	1256.33	798.59	ERDAY3	44388_4388
	44388	4389	-0.005	0.022	-0.621	-1.679	-7.129	-83.851	-4323.23	4974.35	ERDAY3	44388_4389
	44389	4389	0.005	-0.022	0.621	1.662	7.129	83.851	-4323.23	4974.36	ERDAY3	44389_4389
	44389	4390	-0.005	0.021	-0.621	-1.662	-14.258	-84.093	812.33	1141.04	ERDAY3	44389_4390
	44390	4390	0.008	-0.157	0.386	0.805	14.258	84.098	808.7	1143.86	ERDAY3	44390_4390
	44390	4391	-0.008	0.158	-0.386	-0.805	-19.348	-86.17	-4653.1	5268.96	ERDAY3	44390_4391
	44391	4391	0.011	-0.158	0.386	1.51	19.348	86.161	-4653	5268.73	ERDAY3	44391_4391
	44391	4392	-0.011	0.157	-0.386	-1.51	-23.616	-87.898	544.69	1419.93	ERDAY3	44391_4392
	44392	4392	0.008	-0.225	0.114	0.457	23.616	87.904	546.39	1418.77	ERDAY3	44392_4392
	44392	4393	-0.008	0.225	-0.114	-0.457	-25.028	-90.692	-4679.31	5382.28	ERDAY3	44392_4393
	44393	4393	0.008	-0.225	0.114	0.491	25.028	90.692	-4679.31	5382.28	ERDAY3	44393_4393
	44393	4394	-0.008	0.225	-0.114	-0.491	-26.373	-93.347	798.75	1342.96	ERDAY3	44393_4394
	44394	4394	0.017	-0.037	1.528	-0.705	26.373	93.371	787.98	1351.45	ERDAY3	44394_4394
	44394	4395	-0.017	-0.037	-1.528	0.705	-44.499	-92.929	-4773.57	5499.01	ERDAY3	44394_4395
	44395	4395	0.032	0.037	1.528	0.196	44.499	92.932	-4773.56	5499.14	ERDAY3	44395_4395
	44395	4396	-0.032	-0.037	-1.528	-0.196	-63.331	-92.472	363.92	1649.85	ERDAY3	44395_4396
	44396	4396	0.001	-1.69	-2.545	-0.985	63.331	92.449	381.71	1635.74	ERDAY3	44396_4396
	44396	4397	-0.001	1.689	2.545	0.985	-32.561	-112.88	-3187.31	4726.63	ERDAY3	44396_4397
	44397	4397	0.002	-1.689	-2.545	-1.032	32.561	112.88	-3187.31	4726.61	ERDAY3	44397_4397
	44397	4398	-0.002	1.69	2.545	1.032	-1.741	-133.344	3964.88	-194.93	ERDAY3	44397_4398
	44398	4398	0.017	-4.436	-0.057	-0.992	1.741	133.414	3951.27	-183.48	ERDAY3	44398_4398
	44398	4399	-0.017	-4.435	0.057	0.992	-1.01	-77.243	-5801.99	5942.24	ERDAY3	44398_4399
	44399	4399	0.017	4.435	-0.058	-0.735	1.01	77.246	-5802.06	5942.29	ERDAY3	44399_4399
	44399	4400	-0.017	-4.436	0.058	0.735	-0.281	-21.252	-3843.56	3318.28	ERDAY3	44399_4400
	44400	4400	0.018	4.436	-0.058	-0.715	0.281	21.253	-3843.57	3318.29	ERDAY3	44400_4400
44400	4401	-0.018	-4.436	0.058	0.715	0	0.238	5.29	-3.69	ERDAY3	44400_4401	
PIER 10 -- Day 148 minus Cumulative Affects thru Day 19	44572	4572	-0.002	-5.579	-0.049	0.702	0	-0.023	0.88	-0.16	ERDAY4	44572_4572
	44572	4573	0.002	5.58	0.049	-0.702	0.61	-69.062	-3732.68	4221.67	ERDAY4	44572_4573
	44573	4573	-0.002	-5.58	-0.049	0.727	-0.61	69.061	-3732.68	4221.67	ERDAY4	44573_4573
	44573	4574	0.002	5.58	0.049	-0.727	1.188	-134.687	3158.38	425.56	ERDAY4	44573_4574
	44574	4574	-0.001	1.758	0.028	0.594	-1.188	134.722	3163.59	422.73	ERDAY4	44574_4574
	44574	4575	0.001	-1.758	-0.028	-0.594	0.864	-114.581	-1715.64	3655.27	ERDAY4	44574_4575
	44575	4575	-0.001	1.758	0.028	0.64	-0.864	114.581	-1715.64	3655.27	ERDAY4	44575_4575
	44575	4576	0.001	-1.759	-0.028	-0.64	0.577	-96.675	2047.91	469.92	ERDAY4	44575_4576
	44576	4576	-0.001	-0.207	0.047	0.103	-0.577	96.676	2052.13	467.03	ERDAY4	44576_4576
	44576	4577	0.001	0.207	-0.047	-0.103	0.049	-99.026	-2235.49	3722.48	ERDAY4	44576_4577
	44577	4577	0	-0.207	0.046	1.384	-0.049	99.016	-2235.49	3722.14	ERDAY4	44577_4577
	44577	4578	0	0.207	-0.046	-1.384	-0.476	-101.352	2922.12	-87.03	ERDAY4	44577_4578
	44578	4578	0.013	-0.091	0.64	0.8	0.476	101.354	2919.42	-90.73	ERDAY4	44578_4578
	44578	4579	-0.013	0.091	-0.64	-0.8	-7.903	-102.41	-2065.63	3659.57	ERDAY4	44578_4579
	44579	4579	0.013	-0.091	0.64	0.729	7.903	102.411	-2056.27	3653.82	ERDAY4	44579_4579
	44579	4580	-0.013	0.091	-0.64	-0.729	-15.805	-103.536	3519.88	-491.57	ERDAY4	44579_4580
	44580	4580	-0.004	0.136	-0.597	0.539	15.805	103.537	3521.1	-492.14	ERDAY4	44580_4580
	44580	4581	0.004	-0.136	0.597	-0.539	-9.325	-102.064	-861.3	2753.6	ERDAY4	44580_4581
	44581	4581	-0.007	0.136	-0.597	1.108	9.325	102.059	-861.26	2753.47	ERDAY4	44581_4581
	44581	4582	0.007	-0.136	0.597	-1.108	-3.514	-100.739	2595.83	141.62	ERDAY4	44581_4582
44582	4582	-0.006	1.376	-0.308	1.135	3.514	100.751	2601.96	137.43	ERDAY4	44582_4582	
44582	4583	0.006	-1.376	0.308	-1.135	0.005	-84.994	-2010.99	3259.71	ERDAY4	44582_4583	
44583	4583	-0.006	1.376	-0.307	1.205	-0.005	84.993	-2010.99	3259.69	ERDAY4	44583_4583	
44583	4584	0.006	-1.375	0.307	-1.205	3.626	-68.783	3334.42	-1072.22	ERDAY4	44583_4584	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM		
									STRESS	STRESS		
SPAN 11 - Day 148 minus Cumulative Affects thru Day 12	44584	4584	0.003	1.74	-0.629	1.462	-3.867	109.565	993.24	1523.52	ERDAY3	44584_4584
	44584	4585	-0.003	-1.739	0.629	-1.462	11.671	-87.989	-3073.16	4116.68	ERDAY3	44584_4585
	44585	4585	0.003	1.739	-0.629	1.475	-11.671	87.988	-3070.04	4114.71	ERDAY3	44585_4585
	44585	4586	-0.003	-1.739	0.629	-1.475	18.117	-70.168	2059.46	-88.37	ERDAY3	44585_4586
	44586	4586	0.014	-0.522	0.8	1.262	-18.117	70.158	2042.87	-75.82	ERDAY3	44586_4586
	44586	4587	-0.014	0.523	-0.8	-1.262	8.676	-76.324	-3724	4362.12	ERDAY3	44586_4587
	44587	4587	0.02	-0.523	0.799	1.795	-8.676	76.313	-3723.89	4361.87	ERDAY3	44587_4587
	44587	4588	-0.02	0.522	-0.799	-1.795	-1.182	-82.752	1140.3	859.77	ERDAY3	44587_4588
	44588	4588	0.016	-0.087	0.387	1.402	1.182	82.754	1121.68	873.81	ERDAY3	44588_4588
	44588	4589	-0.016	0.087	-0.387	-1.402	-6.066	-83.852	-4405.45	5027.55	ERDAY3	44588_4589
	44589	4589	0.016	-0.087	0.387	1.297	6.066	83.854	-4405.46	5027.59	ERDAY3	44589_4589
	44589	4590	-0.016	0.087	-0.387	-1.297	-10.519	-84.855	711.41	1223.96	ERDAY3	44589_4590
	44590	4590	0.019	-0.173	0.376	0.665	10.519	84.852	718.99	1218.31	ERDAY3	44590_4590
	44590	4591	-0.019	0.173	-0.376	-0.665	-15.435	-87.119	-4694.21	5311.12	ERDAY3	44590_4591
	44591	4591	0.022	-0.173	0.375	1.341	15.435	87.111	-4694.13	5310.93	ERDAY3	44591_4591
	44591	4592	-0.022	0.173	-0.375	-1.341	-19.581	-89.022	491.95	1474.44	ERDAY3	44591_4592
	44592	4592	0.02	-0.264	0.316	0.55	19.581	89.03	493.88	1473.14	ERDAY3	44592_4592
	44592	4593	-0.02	0.264	-0.316	-0.55	-23.444	-92.252	-4738.74	5450.78	ERDAY3	44592_4593
	44593	4593	0.02	-0.264	0.316	0.477	23.444	92.253	-4738.74	5450.79	ERDAY3	44593_4593
	44593	4594	-0.02	0.263	-0.316	-0.477	-27.202	-95.387	674.15	1470.11	ERDAY3	44593_4594
	44594	4594	0.024	0.068	0.872	-0.451	27.202	95.399	650.82	1487.66	ERDAY3	44594_4594
	44594	4595	-0.024	-0.068	-0.872	0.451	-37.548	-94.586	-4657.49	5438.27	ERDAY3	44594_4595
	44595	4595	0.031	0.068	0.871	0.317	37.548	94.586	-4657.45	5438.35	ERDAY3	44595_4595
	44595	4596	-0.031	-0.069	-0.871	-0.317	-48.22	-93.747	679.12	1432.39	ERDAY3	44595_4596
	44596	4596	0.002	-1.665	-2.007	-0.266	48.22	93.76	673.23	1436.66	ERDAY3	44596_4596
	44596	4597	-0.002	1.665	2.007	0.266	-23.978	-113.869	-3543.29	5004.8	ERDAY3	44596_4597
	44597	4597	0.004	-1.665	-2.007	-0.376	23.978	113.869	-3543.27	5004.81	ERDAY3	44597_4597
	44597	4598	-0.004	1.665	2.007	0.376	0.196	-133.923	2883.05	617.26	ERDAY3	44597_4598
	44598	4598	-0.001	5.003	0.008	-0.483	-0.196	133.907	2890.79	611.32	ERDAY3	44598_4598
	44598	4599	0.001	-5.003	-0.008	0.483	0.104	-70.688	-5015.82	5210.82	ERDAY3	44598_4599
44599	4599	-0.001	5.003	0.007	-0.271	-0.104	70.689	-5015.82	5210.87	ERDAY3	44599_4599	
44599	4600	0.001	-5.003	-0.007	0.271	0.011	-7.782	-1281.71	1116.47	ERDAY3	44599_4600	
44600	4600	-0.001	5.003	0.007	-0.259	-0.011	7.781	-1281.68	1116.49	ERDAY3	44600_4600	
44600	4601	0.001	-5.003	-0.007	0.259	0	0.059	-5.09	-0.12	ERDAY3	44600_4601	

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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM		
									STRESS	STRESS		
SPAN 11 - Day 148 minus Cumulative Affects thru Day 12	45296	5296	4.781	-28.114	0.957	13.864	-39.778	-6903.08	2609.52	-4695.2	ERDAY3	45296_5296
	45296	5297	-4.781	28.841	-0.957	-13.864	35.809	6784.928	1810.15	-4346.28	ERDAY3	45296_5297
	45297	5297	4.782	-28.841	0.951	6.173	-35.809	-6786.22	1900.52	-3408.73	ERDAY3	45297_5297
	45297	5298	-4.782	30.461	-0.951	-6.173	26.997	6511.561	859.16	-2909	ERDAY3	45297_5298
	45298	5298	4.785	-30.461	0.94	-9.32	-26.997	-6511.56	859.17	-2908.99	ERDAY3	45298_5298
	45298	5299	-4.785	32.066	-0.94	9.32	18.382	6225.012	-126.63	-2425.44	ERDAY3	45298_5299
	45299	5299	4.781	-27.34	0.365	13.96	-18.382	-6225.49	-126.65	-2425.62	ERDAY3	45299_5299
	45299	5300	-4.781	29.382	-0.365	-13.96	14.125	5894.641	-1125.52	-1919.62	ERDAY3	45299_5300
	45300	5300	4.782	-29.382	0.346	-8.897	-14.125	-5894.65	-1125.52	-1919.62	ERDAY3	45300_5300
	45300	5301	-4.782	31.551	-0.346	8.897	9.833	5517.022	-2108.08	-1401.25	ERDAY3	45300_5301
	45301	5301	4.791	-30.757	0.909	11.595	-9.833	-5517.47	-2108.24	-1401.35	ERDAY3	45301_5301
	45301	5302	-4.791	32.946	-0.909	-11.595	-1.548	5119.061	-2831.46	-972.16	ERDAY3	45301_5302
	45302	5302	4.794	-32.946	0.891	-8.08	1.548	-5119.07	-2831.44	-972.17	ERDAY3	45302_5302
	45302	5303	-4.794	34.965	-0.891	8.08	-11.836	4727.126	-3425.49	-594.05	ERDAY3	45302_5303
	45303	5303	4.795	-32.165	0.727	10.495	11.836	-4727.47	-3425.76	-594.1	ERDAY3	45303_5303
	45303	5304	-4.795	34.442	-0.727	-10.495	-21.292	4294.116	-3806.49	-279.72	ERDAY3	45303_5304
	45304	5304	4.798	-34.442	0.705	-8.144	21.292	-4294.12	-3806.48	-279.72	ERDAY3	45304_5304
	45304	5305	-4.798	36.375	-0.705	8.144	-29.091	3902.941	-4059.54	-29.98	ERDAY3	45304_5305
	45305	5305	4.803	-33.398	0.995	7.217	29.091	-3903.23	-4059.82	-29.97	ERDAY3	45305_5305
	45305	5306	-4.803	35.508	-0.995	-7.217	-41.081	3487.845	-4072.09	138.92	ERDAY3	45305_5306
	45306	5306	4.806	-35.508	0.979	-4.124	41.081	-3487.85	-4072.07	138.92	ERDAY3	45306_5306
	45306	5307	-4.806	37.605	-0.979	4.124	-52.812	3049.763	-4008.18	288.18	ERDAY3	45306_5307
	45307	5307	4.804	-35.713	-0.006	6.335	52.812	-3049.99	-4008.47	288.17	ERDAY3	45307_5307
	45307	5308	-4.804	37.792	0.006	-6.335	-52.739	2613.277	-3687.12	340.19	ERDAY3	45307_5308
	45308	5308	4.804	-37.792	-0.025	-4.011	52.739	-2613.28	-3687.13	340.18	ERDAY3	45308_5308
	45308	5309	-4.804	39.923	0.025	4.011	-52.431	2140.225	-3280.54	374.56	ERDAY3	45308_5309
	45309	5309	4.88	-34.702	7.022	3.817	52.431	-2140.36	-3280.59	374.72	ERDAY3	45309_5309
	45309	5310	-4.88	36.81	-7.022	-3.817	-137.033	1709.564	-2615.63	295.35	ERDAY3	45309_5310
	45310	5310	4.906	-36.81	7.004	-2.519	137.033	-1709.57	-2615.57	295.4	ERDAY3	45310_5310
	45310	5311	-4.906	38.909	-7.004	2.519	-221.065	1255.317	-1877.18	197.71	ERDAY3	45310_5311
45311	5311	4.766	-52.015	-9.424	2.261	221.065	-1255.38	-1877.53	197.48	ERDAY3	45311_5311	
45311	5312	-4.766	54.221	9.424	-2.261	-102.314	586.059	-895.41	93.31	ERDAY3	45311_5312	
45312	5312	4.721	-54.221	-9.447	-0.494	102.314	-586.064	-895.47	93.24	ERDAY3	45312_5312	
45312	5313	-4.721	56.116	9.447	0.494	0	-11.465	15.74	-12.69	ERDAY3	45312_5313	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113	46039	6039	-0.553	-8.327	-0.22	-0.572	2.664	96.863	-1603.31	3199.8	ERDAY15 46039_6039
	46039	6040	0.553	8.326	0.22	0.572	-0.081	-194.715	1724.26	2744.19	ERDAY15 46039_6040
	46040	6040	-0.561	-0.647	-0.906	-1.522	0.081	194.73	1728.56	2741.19	ERDAY15 46040_6040
	46040	6041	0.561	0.647	0.906	1.522	7.387	-200.068	-3611.43	6840.78	ERDAY15 46040_6041
	46041	6041	-0.562	-0.647	-0.904	-1.335	-7.387	200.07	-3611.45	6840.81	ERDAY15 46041_6041
	46041	6042	0.562	0.647	0.904	1.335	21.483	-210.154	688.18	3838.29	ERDAY15 46041_6042
	46042	6042	-0.558	1.558	0.292	-0.719	-21.483	210.156	689.23	3837.59	ERDAY15 46042_6042
	46042	6043	0.558	-1.558	-0.292	0.719	18.005	-191.593	-5010.26	7709.86	ERDAY15 46042_6043
	46043	6043	-0.558	1.558	0.291	-0.894	-18.005	191.592	-5010.26	7709.84	ERDAY15 46043_6043
	46043	6044	0.558	-1.557	-0.291	0.894	14.537	-173.042	292.72	3363.83	ERDAY15 46043_6044
	46044	6044	-0.56	1.055	-0.095	-0.053	-14.537	173.015	298.43	3358.96	ERDAY15 46044_6044
	46044	6045	0.56	-1.054	0.095	0.053	15.668	-160.445	-5140.55	7160.98	ERDAY15 46044_6045
	46045	6045	-0.56	1.054	-0.095	-0.053	-15.668	160.445	-5140.55	7160.98	ERDAY15 46045_6045
	46045	6046	0.56	-1.055	0.095	0.053	16.8	-147.876	431.18	2738.27	ERDAY15 46045_6046
	46046	6046	-0.56	1.14	0.032	0.694	-16.8	147.874	431.24	2738.2	ERDAY15 46046_6046
	46046	6047	0.56	-1.14	-0.032	-0.694	16.421	-134.287	-4742.32	6320.85	ERDAY15 46046_6047
	46047	6047	-0.56	1.14	0.032	0.685	-16.421	134.287	-4742.32	6320.85	ERDAY15 46047_6047
	46047	6048	0.56	-1.14	-0.032	-0.685	16.045	-120.711	1094.26	1679.42	ERDAY15 46047_6048
	46048	6048	-0.558	1.291	0.315	1.273	-16.045	120.73	1088.48	1684.18	ERDAY15 46048_6048
	46048	6049	0.558	-1.291	-0.315	-1.273	12.284	-105.36	-3734.84	4968.2	ERDAY15 46048_6049
	46049	6049	-0.558	1.291	0.316	1.369	-12.284	105.359	-3734.83	4968.17	ERDAY15 46049_6049
	46049	6050	0.558	-1.291	-0.316	-1.369	8.516	-89.976	2453.56	26.46	ERDAY15 46049_6050
	46050	6050	-0.554	0.393	0.41	1.62	-8.516	90.017	2442.08	35.97	ERDAY15 46050_6050
	46050	6051	0.554	-0.393	-0.41	-1.62	2.135	-83.908	-1732.06	3027.2	ERDAY15 46050_6051
	46051	6051	-0.554	0.393	0.41	1.594	-2.135	83.911	-1736.53	3030.15	ERDAY15 46051_6051
	46051	6052	0.554	-0.393	-0.41	-1.594	-1.248	-80.668	3663.14	-1071.17	ERDAY15 46051_6052
46052	6052	-0.551	3.827	-0.127	1.234	1.248	80.667	3657.88	-1067.19	ERDAY15 46052_6052	
46052	6053	0.551	-3.828	0.127	-1.234	0.236	-35.71	-303.9	960.29	ERDAY15 46052_6053	
PIER 4 -- Day 148 minus Cumulative Affects thru Day 120	46053	6053	-0.541	-0.398	-0.12	1.218	-0.304	37.39	-399.7	1067.33	ERDAY16 46053_6053
	46053	6054	0.541	0.398	0.12	-1.218	1.887	-42.662	4520.01	-2498.84	ERDAY16 46053_6054
	46054	6054	-0.541	-0.036	-1.599	0.904	-1.887	42.653	4519.53	-2498.69	ERDAY16 46054_6054
	46054	6055	0.541	0.035	1.599	-0.904	21.886	-43.094	-1134.94	1734.91	ERDAY16 46054_6055
	46055	6055	-0.54	-0.035	-1.6	0.867	-21.886	43.095	-1134.94	1734.94	ERDAY16 46055_6055
	46055	6056	0.54	0.035	1.6	-0.867	41.876	-43.536	4933.04	-2789.3	ERDAY16 46055_6056
	46056	6056	-0.541	-0.022	1.084	0.787	-41.876	43.554	4933.23	-2787.51	ERDAY16 46056_6056
	46056	6057	0.541	0.023	-1.084	-0.787	31.572	-43.765	-1044.71	1682.95	ERDAY16 46056_6057
	46057	6057	-0.541	-0.023	1.084	0.793	-31.572	43.765	-1045.81	1683.66	ERDAY16 46057_6057
	46057	6058	0.541	0.022	-1.084	-0.793	23.169	-43.936	-901.58	1579.44	ERDAY16 46057_6058
	46058	6058	-0.541	-0.022	1.084	0.789	-23.169	43.936	-901.59	1579.44	ERDAY16 46058_6058
	46058	6059	0.541	0.022	-1.084	-0.789	14.778	-44.108	3738.86	-1884.19	ERDAY16 46058_6059
	46059	6059	-0.526	0.311	0.985	0.572	-14.778	44.129	3742.84	-1885.88	ERDAY16 46059_6059
	46059	6060	0.526	-0.311	-0.985	-0.572	6.887	-41.636	-1229.41	1777.51	ERDAY16 46059_6060
	46060	6060	-0.525	0.311	0.986	0.62	-6.887	41.636	-1229.39	1777.5	ERDAY16 46060_6060
	46060	6061	0.525	-0.311	-0.986	-0.62	-0.999	-39.145	-1394.7	1849.39	ERDAY16 46060_6061
	46061	6061	-0.526	0.311	0.985	0.57	0.999	39.146	-1394.73	1849.39	ERDAY16 46061_6061
	46061	6062	0.526	-0.312	-0.985	-0.57	-8.879	-36.655	3237.67	-1663.43	ERDAY16 46061_6062
	46062	6062	-0.527	0.206	0.659	0.492	8.879	36.66	3234.62	-1660.95	ERDAY16 46062_6062
	46062	6063	0.527	-0.206	-0.659	-0.492	-12.833	-35.427	-795.83	1324.92	ERDAY16 46062_6063
	46063	6063	-0.527	0.206	0.659	0.497	12.833	35.427	-795.83	1324.92	ERDAY16 46063_6063
	46063	6064	0.527	-0.206	-0.659	-0.497	-16.794	-34.193	-2132.07	2297.71	ERDAY16 46063_6064
	46064	6064	-0.527	0.206	0.659	0.497	16.794	34.193	-2132.07	2297.71	ERDAY16 46064_6064
	46064	6065	0.527	-0.205	-0.659	-0.497	-20.755	-32.958	-765.14	1250.78	ERDAY16 46064_6065
	46065	6065	-0.527	0.205	0.659	0.493	20.755	32.958	-765.14	1250.79	ERDAY16 46065_6065
	46065	6066	0.527	-0.206	-0.659	-0.493	-24.71	-31.726	3295.97	-1809.09	ERDAY16 46065_6066
	46066	6066	-0.524	0.3	0.744	0.311	24.71	31.715	3301.69	-1813.71	ERDAY16 46066_6066
	46066	6067	0.524	-0.3	-0.744	-0.311	-30.665	-29.315	-1312.04	1583.74	ERDAY16 46066_6067
	46067	6067	-0.524	0.3	0.744	0.308	30.665	29.315	-1312.04	1583.74	ERDAY16 46067_6067
	46067	6068	0.524	-0.3	-0.744	-0.308	-36.613	-26.918	-1122.26	1392.24	ERDAY16 46067_6068
	46068	6068	-0.524	0.3	0.744	0.308	36.613	26.918	-1122.26	1392.24	ERDAY16 46068_6068
	46068	6069	0.524	-0.3	-0.744	-0.308	-42.562	-24.521	3862.26	-2381.74	ERDAY16 46068_6069
	46069	6069	-0.525	-0.022	-1.377	0.11	42.562	24.563	3868.24	-2384.42	ERDAY16 46069_6069
	46069	6070	0.525	0.022	1.377	-0.11	-31.88	-24.73	-704.65	1035.76	ERDAY16 46069_6070
	46070	6070	-0.525	-0.022	-1.377	0.109	31.88	24.73	-704.65	1035.76	ERDAY16 46070_6070
	46070	6071	0.525	0.022	1.377	-0.109	-21.211	-24.897	-770.01	1088.06	ERDAY16 46070_6071
46071	6071	-0.523	-0.022	-1.378	0.082	21.211	24.898	-770.79	1088.55	ERDAY16 46071_6071	
46071	6072	0.523	0.021	1.378	-0.082	-8.12	-25.103	5284.6	-3432.27	ERDAY16 46071_6072	
46072	6072	-0.5	0.035	1.121	-0.049	8.12	25.102	5285	-3432.52	ERDAY16 46072_6072	
46072	6073	0.5	-0.035	-1.121	0.049	-22.142	-24.659	-1252.39	1443.56	ERDAY16 46072_6073	
46073	6073	-0.5	0.035	1.121	-0.049	22.142	24.659	-1252.39	1443.56	ERDAY16 46073_6073	
46073	6074	0.5	-0.036	-1.121	0.049	-36.163	-24.217	3916.52	-2428.24	ERDAY16 46073_6074	
46074	6074	-0.511	2.977	-0.095	-0.507	36.163	24.234	3918.84	-2429.5	ERDAY16 46074_6074	
46074	6075	0.511	-2.977	0.095	0.507	-34.913	15.217	2728.81	-2357.95	ERDAY16 46074_6075	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
PIER 10 - Day 148 minus Cumulative Affects thru Day 19	46572	6572	0.002	-5.603	0.037	0.561	0	0.001	-4.71	4.21	ERDAY4	46572_6572
	46572	6573	-0.002	5.603	-0.037	-0.561	-0.467	-69.404	-3668.6	4180.54	ERDAY4	46572_6573
	46573	6573	0.002	-5.603	0.037	0.567	0.467	69.404	-3668.6	4180.54	ERDAY4	46573_6573
	46573	6574	-0.002	5.603	-0.037	-0.567	-0.902	-134.071	3068.49	479.76	ERDAY4	46573_6574
	46574	6574	-0.001	1.908	-0.136	0.335	0.902	134.066	3066.22	480.66	ERDAY4	46574_6574
	46574	6575	0.001	-1.907	0.136	-0.335	0.575	-113.294	-1916.7	3777.7	ERDAY4	46574_6575
	46575	6575	-0.001	1.907	-0.136	0.329	-0.575	113.294	-1916.7	3777.7	ERDAY4	46575_6575
	46575	6576	0.001	-1.908	0.136	-0.329	1.909	-94.523	1076.83	1150.37	ERDAY4	46575_6576
	46576	6576	-0.012	-0.583	0.671	-0.248	-1.909	94.513	1074.67	1151.83	ERDAY4	46576_6576
	46576	6577	0.012	0.584	-0.671	0.248	-6.033	-101.42	-1935.02	3545.75	ERDAY4	46576_6577
	46577	6577	-0.003	-0.584	0.671	1.084	6.033	101.415	-1935.01	3545.55	ERDAY4	46577_6577
	46577	6578	0.003	0.584	-0.671	-1.084	-13.737	-108.114	4982.96	-1489.95	ERDAY4	46577_6578
	46578	6578	-0.019	0.31	-0.165	0.172	13.737	108.189	5090.15	-1577.06	ERDAY4	46578_6578
	46578	6579	0.019	-0.31	0.165	-0.172	-11.618	-104.19	-1618.77	3355.66	ERDAY4	46578_6579
	46579	6579	-0.018	0.31	-0.164	0.22	11.618	104.19	-1618.77	3355.67	ERDAY4	46579_6579
	46579	6580	0.018	-0.31	0.164	-0.22	-9.831	-100.822	2217.12	418.22	ERDAY4	46579_6580
	46580	6580	-0.018	0.332	-0.203	-0.194	9.831	100.823	2223.81	412.91	ERDAY4	46580_6580
	46580	6581	0.018	-0.332	0.203	0.194	-7.677	-97.289	-1570.76	3176.53	ERDAY4	46580_6581
	46581	6581	-0.02	0.332	-0.202	0.539	7.677	97.288	-1570.76	3176.47	ERDAY4	46581_6581
	46581	6582	0.02	-0.332	0.202	-0.539	-5.694	-94.034	2289.85	222.93	ERDAY4	46581_6582
46582	6582	-0.021	0.772	-0.21	0.177	5.694	94.079	2273.11	236.2	ERDAY4	46582_6582	
46582	6583	0.021	-0.771	0.21	-0.177	-3.343	-85.438	-2424.03	3568.79	ERDAY4	46582_6583	
46583	6583	-0.021	0.771	-0.21	0.266	3.343	85.438	-2424.03	3568.78	ERDAY4	46583_6583	
46583	6584	0.021	-0.772	0.21	-0.266	-0.889	-76.415	2538.69	-328.18	ERDAY4	46583_6584	
SPAN 11 - Day 148 minus Cumulative Affects thru Day 12	46584	6584	-0.001	2.139	-1.064	0.372	0.658	113.392	436.29	2012.79	ERDAY3	46584_6584
	46584	6585	0.001	-2.139	1.064	-0.372	10.843	-90.26	-3499.93	4475.43	ERDAY3	46584_6585
	46585	6585	-0.001	2.139	-1.064	0.374	-10.843	90.26	-3499.93	4475.43	ERDAY3	46585_6585
	46585	6586	0.001	-2.14	1.064	-0.374	23.217	-65.374	1821.21	-17.27	ERDAY3	46585_6586
	46586	6586	0.022	-0.644	0.799	0.489	-23.217	65.385	1829.75	-23.24	ERDAY3	46586_6586
	46586	6587	-0.022	0.644	-0.799	-0.489	14.121	-72.714	-3808.74	4342.87	ERDAY3	46586_6587
	46587	6587	0.027	-0.644	0.8	0.944	-14.121	72.71	-3808.7	4342.78	ERDAY3	46587_6587
	46587	6588	-0.027	0.644	-0.8	-0.944	4.101	-80.785	951.88	952.03	ERDAY3	46587_6588
	46588	6588	0.017	-0.165	0.171	0.933	-4.101	80.774	929.9	968.22	ERDAY3	46588_6588
	46588	6589	-0.017	0.165	-0.171	-0.933	2.011	-82.794	-4437.03	5021.34	ERDAY3	46588_6589
	46589	6589	0.017	-0.165	0.171	0.894	-2.011	82.795	-4437.04	5021.35	ERDAY3	46589_6589
	46589	6590	-0.017	0.165	-0.171	-0.894	0.033	-84.705	652.51	1257	ERDAY3	46589_6590
	46590	6590	0.024	-0.234	0.488	0.746	-0.033	84.712	632.83	1271.88	ERDAY3	46590_6590
	46590	6591	-0.024	0.233	-0.488	-0.746	-6.241	-87.717	-4638.99	5274.33	ERDAY3	46590_6591
	46591	6591	0.028	-0.233	0.488	1.398	6.241	87.709	-4638.9	5274.14	ERDAY3	46591_6591
	46591	6592	-0.028	0.233	-0.488	-1.398	-11.623	-90.287	487.27	1496.24	ERDAY3	46591_6592
	46592	6592	0.024	-0.263	0.239	1.141	11.623	90.285	522.32	1469.9	ERDAY3	46592_6592
	46592	6593	-0.024	0.263	-0.239	-1.141	-14.429	-93.369	-4643.67	5394.89	ERDAY3	46592_6593
	46593	6593	0.024	-0.263	0.239	1.159	14.429	93.369	-4643.67	5394.89	ERDAY3	46593_6593
	46593	6594	-0.024	0.263	-0.239	-1.159	-17.337	-96.568	647.68	1506.38	ERDAY3	46593_6594
46594	6594	0.031	-0.111	0.665	0.777	17.337	96.572	647.87	1506.54	ERDAY3	46594_6594	
46594	6595	-0.031	0.11	-0.665	-0.777	-25.235	-97.889	-4278.15	5215.56	ERDAY3	46594_6595	
46595	6595	0.035	-0.11	0.664	1.496	25.235	97.88	-4278.01	5215.39	ERDAY3	46595_6595	
46595	6596	-0.035	0.111	-0.664	-1.496	-33.222	-99.213	1244.84	1115.19	ERDAY3	46595_6596	
46596	6596	0.007	-1.154	-1.324	1.22	33.222	99.219	1254.23	1107.33	ERDAY3	46596_6596	
46596	6597	-0.007	1.154	1.324	-1.22	-17.312	-113.088	-3945	5280.65	ERDAY3	46596_6597	
46597	6597	0.009	-1.154	-1.324	1.175	17.312	113.089	-3944.99	5280.68	ERDAY3	46597_6597	
46597	6598	-0.009	1.154	1.324	-1.175	-1.581	-126.801	1306.52	1639.8	ERDAY3	46597_6598	
46598	6598	0.023	7.565	-0.095	1.012	1.581	126.823	1305.76	1641.74	ERDAY3	46598_6598	
46598	6599	-0.023	-7.565	0.095	-1.012	-0.397	-32.065	-1607.61	1855.72	ERDAY3	46598_6599	
46599	6599	0.023	7.565	-0.094	1.076	0.397	32.063	-1607.55	1855.71	ERDAY3	46599_6599	
46599	6600	-0.023	-7.565	0.094	-1.076	0	-0.328	-16.08	8.66	ERDAY3	46599_6600	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 3 -- Day 148 minus Cumulative Affects thru Day 127	47000	7000	-0.081	12.71	5.729	-4.302	0	-5.053	2.32	-3.88	ERDAY17	47000_7000
	47000	7001	0.081	-12.709	-5.729	4.302	-60.194	138.586	-2165.05	422.83	ERDAY17	47000_7001
	47001	7001	-0.081	12.709	5.729	-4.301	60.194	-138.586	-2165.05	422.83	ERDAY17	47001_7001
	47001	7002	0.081	-12.709	-5.729	4.301	-114.028	258.01	-3965.83	772.48	ERDAY17	47001_7002
	47002	7002	-0.114	7.384	-5.127	-2.875	114.028	-257.991	-3965.91	772.44	ERDAY17	47002_7002
	47002	7003	0.114	-7.384	5.127	2.875	-51.949	347.393	-5814.94	1150.66	ERDAY17	47002_7003
	47003	7003	-0.119	7.384	-5.127	-3.196	51.949	-347.39	-5814.95	1150.66	ERDAY17	47003_7003
	47003	7004	0.119	-7.384	5.127	3.196	10.171	436.856	-7449.37	1478.95	ERDAY17	47003_7004
	47004	7004	-0.105	7.019	0.579	-2.111	-10.171	-436.832	-7449.42	1479	ERDAY17	47004_7004
	47004	7005	0.105	-7.02	-0.579	2.111	3.165	521.802	-8598.36	1697.01	ERDAY17	47004_7005
	47005	7005	-0.104	7.02	0.579	-3.022	-3.165	-521.797	-8598.36	1697.01	ERDAY17	47005_7005
	47005	7006	0.104	-7.02	-0.579	3.022	-3.849	606.818	-9532.22	1864.97	ERDAY17	47005_7006
	47006	7006	-0.105	4.694	0.139	-0.68	3.849	-606.84	-9532.27	1864.96	ERDAY17	47006_7006
	47006	7007	0.105	-4.694	-0.139	0.68	-5.532	663.697	-10018.9	1945.23	ERDAY17	47006_7007
	47007	7007	-0.105	4.694	0.139	-1.837	5.532	-663.694	-10018.9	1945.23	ERDAY17	47007_7007
	47007	7008	0.105	-4.695	-0.139	1.837	-7.217	720.585	-10289.9	1975.32	ERDAY17	47007_7008
	47008	7008	-0.105	1.918	-0.074	0.709	7.217	-720.6	-10289.9	1975.32	ERDAY17	47008_7008
	47008	7009	0.105	-1.918	0.074	-0.709	-6.315	743.823	-10122	1922.82	ERDAY17	47008_7009
	47009	7009	-0.106	1.918	-0.074	-0.586	6.315	-743.823	-10122	1922.83	ERDAY17	47009_7009
	47009	7010	0.106	-1.918	0.074	0.586	-5.415	767.06	-9738.01	1820.1	ERDAY17	47009_7010
	47010	7010	-0.104	-0.618	0.182	1.906	5.415	-767.03	-9738.14	1820.14	ERDAY17	47010_7010
	47010	7011	0.104	0.618	-0.182	-1.906	-7.617	759.549	-8918.53	1633.89	ERDAY17	47010_7011
	47011	7011	-0.103	-0.618	0.182	0.662	7.617	-759.551	-8918.53	1633.89	ERDAY17	47011_7011
	47011	7012	0.103	0.617	-0.182	-0.662	-9.821	752.072	-7883.25	1397.49	ERDAY17	47011_7012
	47012	7012	-0.106	-3.285	-0.479	2.81	9.821	-752.082	-7883.32	1397.49	ERDAY17	47012_7012
	47012	7013	0.106	3.285	0.479	-2.81	-4.018	712.3	-6408.4	1077.54	ERDAY17	47012_7013
	47013	7013	-0.106	-3.285	-0.479	1.572	4.018	-712.304	-6408.4	1077.54	ERDAY17	47013_7013
	47013	7014	0.106	3.285	0.479	-1.572	1.785	672.498	-4716.62	707.18	ERDAY17	47013_7014
	47014	7014	-0.099	-1.096	1.221	2.64	-1.785	-672.49	-4716.66	707.21	ERDAY17	47014_7014
	47014	7015	0.099	1.096	-1.221	-2.64	-17.564	655.117	-1796.73	38.29	ERDAY17	47014_7015
47015	7015	-0.088	-1.097	1.221	1.018	17.574	-655.174	-1934.89	203.49	ERDAY17	47015_7015	
47015	7016	0.089	1.097	-1.221	-1.018	-27.66	646.112	-126.16	-450.99	ERDAY17	47015_7016	
PIER 3 -- Day 148 minus Cumulative Affects thru Day 134	47016	7016	-0.538	-9.936	1.176	2.202	22.112	123.154	-1011.02	441.38	ERDAY18	47016_7016
	47016	7017	0.538	9.935	-1.176	-2.202	-35.935	-239.932	1658.09	-469.87	ERDAY18	47016_7017
	47017	7017	-0.293	-9.945	1.177	1.886	36.006	240.004	1518.65	-498.34	ERDAY18	47017_7017
	47017	7018	0.292	9.945	-1.177	-1.886	-51.626	-371.919	3544.09	-1248.46	ERDAY18	47017_7018
	47018	7018	0.114	-11.685	-2.349	1.603	51.733	371.912	3529.25	-1263.22	ERDAY18	47018_7018
	47018	7019	-0.114	11.685	2.349	-1.603	-22.273	-518.408	4668.54	-1690.78	ERDAY18	47018_7019
	47019	7019	0.414	-11.678	-2.348	2.248	22.432	518.398	4657.52	-1701.8	ERDAY18	47019_7019
	47019	7020	-0.415	11.678	2.348	-2.248	7.066	-665.115	4976.76	-1850.94	ERDAY18	47019_7020
	47020	7020	-61.856	-0.323	4.356	0.117	-91.766	167.115	5171.26	1362.86	ERDAY18	47020_7020
	47020	7021	61.856	0.324	-4.356	-0.117	50.38	-170.191	4192.97	1761.95	ERDAY18	47020_7021
	47021	7021	-61.853	-0.324	4.393	-0.843	-50.38	155.247	5880.09	2798.11	ERDAY18	47021_7021
	47021	7022	61.853	0.323	-4.393	0.843	16.342	-157.756	4960.79	3117.33	ERDAY18	47021_7022
	47022	7022	-61.847	-0.323	4.472	-0.641	-16.342	157.757	4960.85	3117.38	ERDAY18	47022_7022
	47022	7023	61.847	0.323	-4.472	0.641	-18.307	-160.265	4142.41	3401.83	ERDAY18	47022_7023
	47023	7023	-61.827	-0.674	-0.486	-0.221	18.307	160.257	4142.46	3401.96	ERDAY18	47023_7023
	47023	7024	61.827	0.674	0.486	0.221	-14.421	-165.651	3655.74	3574.69	ERDAY18	47023_7024
	47024	7024	-61.828	-0.674	-0.417	-0.038	14.421	165.651	3655.75	3574.69	ERDAY18	47024_7024
	47024	7025	61.828	0.673	0.417	0.038	-11.089	-171.037	3277.09	3710.16	ERDAY18	47024_7025
	47025	7025	-61.828	-0.673	-0.417	-0.038	11.089	171.037	3277.09	3710.16	ERDAY18	47025_7025
	47025	7026	61.828	0.674	0.417	0.038	-7.757	-176.422	3005.75	3808.63	ERDAY18	47025_7026
	47026	7026	-61.828	-1.759	-0.382	-0.144	7.757	176.411	3005.69	3808.65	ERDAY18	47026_7026
	47026	7027	61.828	1.76	0.382	0.144	-5.464	-186.976	3055.12	3801.27	ERDAY18	47026_7027
	47027	7027	-61.828	-1.76	-0.393	-0.177	5.464	186.976	3055.13	3801.27	ERDAY18	47027_7027
	47027	7028	61.828	1.76	0.393	0.177	-3.109	-197.524	3164.83	3773.1	ERDAY18	47027_7028
	47028	7028	-61.829	-1.76	-0.28	0.186	3.109	197.525	3164.83	3773.1	ERDAY18	47028_7028
	47028	7029	61.829	1.76	0.28	-0.186	-1.433	-208.089	3335.14	3724.06	ERDAY18	47028_7029
	47029	7029	-61.829	-1.76	-0.28	0.186	1.433	208.089	3335.14	3724.06	ERDAY18	47029_7029
	47029	7030	61.829	1.76	0.28	-0.186	0.245	-218.652	3565.92	3654.17	ERDAY18	47029_7030
	47030	7030	-61.828	-2.841	0.055	0.004	-0.245	218.652	3565.92	3654.17	ERDAY18	47030_7030
	47030	7031	61.828	2.842	-0.055	-0.004	-0.195	-241.362	4208.3	3453.49	ERDAY18	47030_7031
47031	7031	-61.828	-2.842	0.063	0.036	0.195	241.362	4208.3	3453.49	ERDAY18	47031_7031	
47031	7032	61.828	2.841	-0.063	-0.036	-0.701	-264.101	4958.91	3215.54	ERDAY18	47031_7032	
47032	7032	-61.828	-2.841	0.14	0.364	0.701	264.101	4958.91	3215.53	ERDAY18	47032_7032	
47032	7033	61.828	2.842	-0.14	-0.364	-1.819	-286.837	5816.91	2940.54	ERDAY18	47032_7033	
47033	7033	-61.851	-3.37	-2.576	0.59	1.819	286.839	5816.8	2940.38	ERDAY18	47033_7033	
47033	7034	61.851	3.369	2.576	-0.59	18.144	-312.95	6998.03	2557.05	ERDAY18	47033_7034	
47034	7034	-61.847	-3.369	-2.655	0.188	-18.144	312.95	6998.06	2557.09	ERDAY18	47034_7034	
47034	7035	61.847	3.369	2.655	-0.188	38.727	-339.065	8280.25	2138.95	ERDAY18	47034_7035	
47035	7035	-61.852	-3.369	-2.537	0.193	-38.727	354.791	5963.31	1141.21	ERDAY18	47035_7035	
47035	7036	61.852	3.37	2.537	-0.193	62.824	-386.793	7268.11	632.88	ERDAY18	47035_7036	
47036	7036	-7.554	10.512	1.549	-1.522	-11.761	858.834	6026.31	-2242.38	ERDAY18	47036_7036	
47036	7037	7.554	-10.512	-1.549	1.522	-7.706	-726.746	6460.33	-2364.55	ERDAY18	47036_7037	
47037	7037	-7.826	10.311	1.556	-1.146	7.62	726.748	6469.3	-2355.58	ERDAY18	47037_7037	
47037	7038	7.826	-10.311	-1.556	1.146	-27.125	-597.506	6364.59	-2308.19	ERDAY18	47037_7038	
47038	7038	-8.221	7.86	-0.704	-3.264	27.16	597.533	6376.64	-2296.3	ERDAY18	47038_7038	
47038	7039	8.22	-7.859	0.704	3.264	-17.818	-493.248	5621.55	-2027.7	ERDAY18	47038_7039	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113	47039	7039	-19.585	85.275	0.237	16.219	15.804	11373.09	-5044.19	9491.8	ERDAY15 47039_7039
	47039	7040	19.585	-85.275	-0.237	-16.219	-18.588	-10370.6	-6791.32	10244.11	ERDAY15 47039_7040
	47040	7040	-21.106	75.421	-0.024	-14.667	19.127	10371	-6787.52	10248.61	ERDAY15 47040_7040
	47040	7041	21.106	-75.422	0.024	14.667	-18.927	-9748.98	-7587.78	10279.4	ERDAY15 47040_7041
	47041	7041	-21.769	75.233	0.017	3.592	18.798	9742.779	-9044.72	13134.99	ERDAY15 47041_7041
	47041	7042	21.769	-75.233	-0.017	-3.592	-19.059	-8582.21	-10722.4	12542.21	ERDAY15 47041_7042
	47042	7042	-21.771	70.734	-1.335	-8.157	19.059	8582.31	-10722.6	12542.35	ERDAY15 47042_7042
	47042	7043	21.771	-70.734	1.335	8.157	-3.181	-7740.56	-11332.5	11894.13	ERDAY15 47042_7043
	47043	7043	-21.773	70.734	-1.298	4.799	3.181	7740.567	-11332.5	11894.14	ERDAY15 47043_7043
	47043	7044	21.773	-70.735	1.298	-4.799	12.262	-6898.95	-11663.9	11145.84	ERDAY15 47043_7044
	47044	7044	-21.768	68.53	0.192	-2.698	-12.262	6898.97	-11663.9	11145.88	ERDAY15 47044_7044
	47044	7045	21.768	-68.529	-0.192	2.698	9.978	-6082.97	-11357.1	10194.42	ERDAY15 47044_7045
	47045	7045	-21.768	68.529	0.208	1.94	-9.978	6082.969	-11357.1	10194.42	ERDAY15 47045_7045
	47045	7046	21.768	-68.53	-0.208	-1.94	7.499	-5267.71	-10771.9	9143.63	ERDAY15 47045_7046
	47046	7046	-21.769	65.568	-0.027	-2.589	-7.499	5267.7	-10771.9	9143.62	ERDAY15 47046_7046
	47046	7047	21.769	-65.568	0.027	2.589	7.821	-4487.14	-9559.87	7903.07	ERDAY15 47046_7047
	47047	7047	-21.77	65.568	0.009	4.922	-7.821	4487.134	-9559.87	7903.07	ERDAY15 47047_7047
	47047	7048	21.77	-65.568	-0.009	-4.922	7.709	-3706.68	-8069.27	6562.47	ERDAY15 47047_7048
	47048	7048	-21.77	62.715	-0.006	1.142	-7.709	3706.675	-8069.28	6562.46	ERDAY15 47048_7048
	47048	7049	21.77	-62.715	0.006	-1.142	7.773	-2960.24	-5945.89	5029.3	ERDAY15 47048_7049
	47049	7049	-21.77	62.715	0.012	3.621	-7.773	2960.233	-5945.89	5029.3	ERDAY15 47049_7049
	47049	7050	21.77	-62.715	-0.012	-3.621	7.621	-2213.85	-3544.02	3396.02	ERDAY15 47049_7050
	47050	7050	-21.769	62.152	0.945	2.172	-7.621	2213.82	-3544	3395.98	ERDAY15 47050_7050
	47050	7051	21.769	-62.152	-0.945	-2.172	-6.954	-1255.34	498.32	954.01	ERDAY15 47050_7051
	47051	7051	-22.289	61.966	0.981	4.313	6.991	1257.483	310.76	928.11	ERDAY15 47051_7051
	47051	7052	22.289	-61.967	-0.981	-4.313	-15.086	-746.458	2291.91	-269.06	ERDAY15 47051_7052
	47052	7052	-23.143	56.288	0.907	2.467	15.113	746.424	2277.3	-283.64	ERDAY15 47052_7052
	47052	7053	23.143	-56.289	-0.907	-2.467	-25.785	-84.41	5039.36	-1844.04	ERDAY15 47052_7053
	47053	7053	-26.436	60.651	0.741	2.403	16.572	-352.167	3812.56	-1822.39	ERDAY16 47053_7053
	47053	7054	26.437	-60.651	-0.741	-2.403	-26.401	1156.793	5247.22	-2699.42	ERDAY16 47053_7054
47054	7054	-27.852	58.891	-1.645	4.082	26.627	-1156.75	5231.26	-2715.25	ERDAY16 47054_7054	
47054	7055	27.852	-58.891	1.645	-4.082	-6.018	1894.763	5902.16	-3114.83	ERDAY16 47054_7055	
47055	7055	-29.376	58.146	-1.608	0.916	5.818	-1894.77	5889.68	-3127.32	ERDAY16 47055_7055	
47055	7056	29.376	-58.146	1.608	-0.916	14.368	2625.027	5886.99	-3173.02	ERDAY16 47055_7056	
47056	7056	150.708	19.368	5.831	0.573	-146.644	219.273	6219.69	1378	ERDAY16 47056_7056	
47056	7057	-150.708	-19.368	-5.831	-0.573	91.217	-35.15	5249.59	1622.85	ERDAY16 47056_7057	
47057	7057	150.714	19.368	5.657	0.308	-91.217	43.254	5487.39	1812.55	ERDAY16 47057_7057	
47057	7058	-150.714	-19.368	-5.657	-0.308	47.368	106.867	4758.79	1976.12	ERDAY16 47057_7058	
47058	7058	150.721	19.368	5.463	0.171	-47.368	-106.868	4758.82	1976.17	ERDAY16 47058_7058	
47058	7059	-150.721	-19.368	-5.463	-0.171	5.027	256.974	4108.82	2109.97	ERDAY16 47058_7059	
47059	7059	150.715	18.722	0.888	1.308	-5.027	-256.966	4108.82	2109.93	ERDAY16 47059_7059	
47059	7060	-150.715	-18.721	-0.888	-1.308	-2.075	406.572	3698.19	2153.41	ERDAY16 47059_7060	
47060	7060	150.716	18.721	0.687	0.765	2.075	-406.574	3698.2	2153.42	ERDAY16 47060_7060	
47060	7061	-150.716	-18.721	-0.687	-0.765	-7.574	556.353	3370.72	2165.25	ERDAY16 47060_7061	
47061	7061	150.717	18.721	0.5	0.07	7.574	-556.354	3370.72	2165.26	ERDAY16 47061_7061	
47061	7062	-150.717	-18.721	-0.5	-0.07	-11.568	706.12	3126.91	2145.39	ERDAY16 47061_7062	
47062	7062	150.718	17.763	1.096	1.765	11.568	-706.14	3126.86	2145.4	ERDAY16 47062_7062	
47062	7063	-150.718	-17.764	-1.096	-1.765	-18.151	812.806	3126.28	2065.67	ERDAY16 47062_7063	
47063	7063	150.719	17.764	0.846	0.415	18.151	-812.809	3126.29	2065.68	ERDAY16 47063_7063	
47063	7064	-150.719	-17.764	-0.846	-0.415	-23.23	919.463	3172.83	1968.1	ERDAY16 47063_7064	
47064	7064	150.719	17.764	0.864	0.52	23.23	-919.463	3172.83	1968.1	ERDAY16 47064_7064	
47064	7065	-150.719	-17.764	-0.864	-0.52	-28.404	1025.94	3266.3	1852.89	ERDAY16 47064_7065	
47065	7065	150.719	17.764	0.846	0.403	28.404	-1025.94	3266.3	1852.89	ERDAY16 47065_7065	
47065	7066	-150.719	-17.764	-0.846	-0.403	-33.483	1132.595	3407	1719.63	ERDAY16 47065_7066	
47066	7066	150.723	16.531	0.818	0.878	33.483	-1132.6	3407.05	1719.63	ERDAY16 47066_7066	
47066	7067	-150.723	-16.531	-0.818	-0.878	-40.024	1264.799	3836.23	1457.92	ERDAY16 47066_7067	
47067	7067	150.723	16.531	0.818	0.878	40.024	-1264.8	3836.23	1457.92	ERDAY16 47067_7067	
47067	7068	-150.723	-16.53	-0.818	-0.878	-46.565	1397.001	4349.01	1164.52	ERDAY16 47067_7068	
47068	7068	150.723	16.53	0.806	0.762	46.565	-1397	4349.01	1164.53	ERDAY16 47068_7068	
47068	7069	-150.723	-16.53	-0.806	-0.762	-53.014	1529.369	4946.19	839.03	ERDAY16 47068_7069	
47069	7069	150.686	16.581	-2.99	2.584	53.014	-1529.39	4946.14	838.82	ERDAY16 47069_7069	
47069	7070	-150.686	-16.581	2.99	-2.584	-29.856	1657.828	5778.49	427.15	ERDAY16 47069_7070	
47070	7070	150.681	16.581	-3.183	0.448	29.856	-1657.83	5778.47	427.12	ERDAY16 47070_7070	
47070	7071	-150.681	-16.581	3.183	-0.448	-5.195	1786.26	6689.18	-14.23	ERDAY16 47070_7071	
47071	7071	150.682	16.581	-3.199	0.033	5.195	-1797.63	6382.1	-161.44	ERDAY16 47071_7071	
47071	7072	-150.682	-16.581	3.199	-0.033	25.188	1955.132	7557.89	-730.72	ERDAY16 47071_7072	
47072	7072	18.094	-17.003	1.863	1.306	12.229	-5085.81	6570.31	-4152.72	ERDAY16 47072_7072	
47072	7073	18.094	17.002	-1.863	-1.306	-35.643	4872.127	6981.11	-4700.68	ERDAY16 47072_7073	
47073	7073	-17.643	-17.468	1.877	-3.5	35.956	-4872.12	6991.33	-4690.47	ERDAY16 47073_7073	
47073	7074	17.643	17.468	-1.877	3.5	-59.479	4653.108	6870.95	-5089.89	ERDAY16 47073_7074	
47074	7074	-17.46	-22.232	-1.307	0.675	59.089	-4653.21	6883.83	-5077.26	ERDAY16 47074_7074	
47074	7075	17.46	22.231	1.307	-0.675	-41.754	4358.419	6096.05	-5162.86	ERDAY16 47074_7075	

SPAN 4 -- Day 148 minus Cumulative Affects thru Day 113

PIER 4 -- Day 148 minus Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 5 -- Day 148 minus Cumulative Affects thru Day 99	47075	7075	-15.38	57.002	-1.486	9.559	45.159	7659.599	-6291.17	8438.24	ERDAY13	47075_7075
	47075	7076	15.379	-57.003	1.486	-9.559	-27.687	-6989.64	-8795.98	9415.87	ERDAY13	47075_7076
	47076	7076	-16.358	46.335	0.106	-6.744	27.972	6989.902	-8789.14	9423.36	ERDAY13	47076_7076
	47076	7077	16.359	-46.335	-0.106	6.744	-28.85	-6607.47	-10055	9689.65	ERDAY13	47076_7077
	47077	7077	-16.749	46.196	0.126	0.73	28.792	6613.467	-8952.52	7569.02	ERDAY13	47077_7077
	47077	7078	16.749	-46.195	-0.126	-0.73	-30.552	-5967.57	-10196.5	7442.46	ERDAY13	47077_7078
	47078	7078	-16.753	44.201	-0.634	-4.275	30.552	5967.58	-10196.5	7442.48	ERDAY13	47078_7078
	47078	7079	16.753	-44.201	0.634	4.275	-23.447	-5472.68	-10751.9	7228.59	ERDAY13	47078_7079
	47079	7079	-16.753	44.201	-0.621	0.344	23.447	5472.679	-10751.9	7228.59	ERDAY13	47079_7079
	47079	7080	-16.753	-44.201	0.621	-0.344	-16.508	-4978.24	-11118.6	6959.62	ERDAY13	47079_7080
	47080	7080	-16.752	41.816	-0.148	-3.181	16.508	4978.283	-11118.7	6959.68	ERDAY13	47080_7080
	47080	7081	16.752	-41.816	0.148	3.181	-14.855	-4510.57	-11087.9	6594.21	ERDAY13	47080_7081
	47081	7081	-16.752	41.816	-0.132	1.053	14.855	4510.57	-11087.9	6594.21	ERDAY13	47081_7081
	47081	7082	16.752	-41.816	0.132	-1.053	-13.375	-4042.46	-10868.8	6173.12	ERDAY13	47081_7082
	47082	7082	-16.753	38.77	-0.116	-1.457	13.375	4042.5	-10868.9	6173.17	ERDAY13	47082_7082
	47082	7083	16.753	-38.771	0.116	1.457	-11.982	-3576.29	-10193.9	5619.5	ERDAY13	47082_7083
	47083	7083	-16.752	38.771	-0.102	1.513	11.982	3576.285	-10193.9	5619.5	ERDAY13	47083_7083
	47083	7084	16.752	-38.771	0.102	-1.513	-10.755	-3110.09	-9301.75	5002.01	ERDAY13	47083_7084
	47084	7084	-16.754	35.762	-0.211	-0.002	10.755	3110.111	-9301.82	5002.04	ERDAY13	47084_7084
	47084	7085	16.754	-35.762	0.211	0.002	-8.397	-2709.84	-8063.75	4333.12	ERDAY13	47084_7085
	47085	7085	-16.754	35.762	-0.196	2.303	8.397	2709.841	-8063.75	4333.12	ERDAY13	47085_7085
	47085	7086	16.754	-35.762	0.196	-2.303	-6.202	-2309.95	-6638.92	3609.59	ERDAY13	47085_7086
	47086	7086	-16.754	32.884	-0.246	0.326	6.202	2309.917	-6638.9	3609.56	ERDAY13	47086_7086
	47086	7087	16.754	-32.884	0.246	-0.326	-3.448	-1941.89	-4817.28	2793.68	ERDAY13	47086_7087
	47087	7087	-16.755	32.884	-0.216	3.793	3.448	1941.887	-4817.27	2793.68	ERDAY13	47087_7087
	47087	7088	16.755	-32.884	0.216	-3.793	-1.028	-1573.89	-2807.66	1922.56	ERDAY13	47087_7088
	47088	7088	-16.752	32.456	0.537	1.637	1.028	1573.899	-2807.67	1922.57	ERDAY13	47088_7088
	47088	7089	16.752	-32.456	-0.537	-1.637	-8.258	-1137.29	143.6	722.39	ERDAY13	47088_7089
	47089	7089	-17.031	32.31	0.569	3.606	8.29	1134.099	18.31	804.35	ERDAY13	47089_7089
	47089	7090	17.031	-32.31	-0.569	-3.606	-12.984	-867.626	1683.11	-0.13	ERDAY13	47089_7090
47090	7090	-17.412	26.139	0.813	1.586	12.995	867.578	1670.81	-12.44	ERDAY13	47090_7090	
47090	7091	17.412	-26.139	-0.813	-1.586	-22.554	-560.351	3951.35	-1048.88	ERDAY13	47090_7091	
PIER 5 -- Day 148 minus Cumulative Affects thru Day 106	47091	7091	-20.247	29.929	0.601	2.26	16.681	213.162	3710.33	-1447.49	ERDAY14	47091_7091
	47091	7092	20.248	-29.93	-0.601	-2.26	-24.652	183.91	5161.63	-2190.43	ERDAY14	47091_7092
	47092	7092	-20.838	27.728	-1.922	2.276	24.748	-183.939	5146.6	-2205.37	ERDAY14	47092_7092
	47092	7093	20.838	-27.727	1.922	-2.276	-0.655	531.488	5806.91	-2550.11	ERDAY14	47092_7093
	47093	7093	-21.557	27.174	-1.893	1.412	0.627	-531.491	5795.22	-2561.8	ERDAY14	47093_7093
	47093	7094	21.557	-27.174	1.893	-1.412	23.144	872.876	5777.71	-2611.45	ERDAY14	47093_7094
	47094	7094	-49.516	12.12	4.035	-0.308	-97.421	441.182	5943.01	1425.98	ERDAY14	47094_7094
	47094	7095	49.516	-12.12	-4.035	0.308	59.057	-325.962	5082.81	1686.88	ERDAY14	47094_7095
	47095	7095	-49.52	12.12	3.991	-0.172	-59.057	327.946	5157.3	2115.95	ERDAY14	47095_7095
	47095	7096	49.52	-12.121	-3.991	0.172	28.149	-234.075	4570.35	2246.01	ERDAY14	47095_7096
	47096	7096	-49.525	12.121	3.925	0.14	-28.149	234.075	4570.38	2246.03	ERDAY14	47096_7096
	47096	7097	49.525	-12.12	-3.925	-0.14	-2.286	-140.087	4049.4	2353.57	ERDAY14	47096_7097
	47097	7097	-49.528	11.611	0.001	0.047	2.286	140.087	4049.41	2353.59	ERDAY14	47097_7097
	47097	7098	49.528	-11.611	-0.001	-0.047	-2.292	-47.265	3729.17	2393.67	ERDAY14	47097_7098
	47098	7098	-49.529	11.611	-0.063	0.108	2.292	47.264	3729.17	2393.68	ERDAY14	47098_7098
	47098	7099	49.529	-11.611	0.063	-0.108	-1.786	45.669	3479.61	2409.63	ERDAY14	47098_7099
	47099	7099	-49.529	11.611	-0.125	0.051	1.786	-45.669	3479.61	2409.62	ERDAY14	47099_7099
	47099	7100	49.529	-11.611	0.125	-0.051	-0.785	138.599	3301.16	2401.39	ERDAY14	47099_7100
	47100	7100	-49.529	10.616	0.222	0.07	0.785	-138.588	3301.23	2401.41	ERDAY14	47100_7100
	47100	7101	49.529	-10.616	-0.222	-0.07	-2.113	202.208	3320.17	2347.75	ERDAY14	47100_7101
	47101	7101	-49.53	10.616	0.136	-0.278	2.113	-202.209	3320.16	2347.75	ERDAY14	47101_7101
	47101	7102	49.53	-10.615	-0.136	0.278	-2.933	265.931	3379.1	2280.41	ERDAY14	47101_7102
	47102	7102	-49.529	10.615	0.301	0.608	2.933	-265.931	3379.09	2280.41	ERDAY14	47102_7102
	47102	7103	49.529	-10.616	-0.301	-0.608	-4.743	329.661	3478.03	2199.44	ERDAY14	47102_7103
	47103	7103	-49.529	10.616	0.222	0.077	4.743	-329.662	3478.04	2199.46	ERDAY14	47103_7103
	47103	7104	49.529	-10.615	-0.222	-0.077	-6.071	393.282	3616.71	2105.06	ERDAY14	47103_7104
	47104	7104	-49.529	9.441	0.708	0.56	6.071	-393.294	3616.69	2105.06	ERDAY14	47104_7104
	47104	7105	49.529	-9.441	-0.708	-0.56	-11.738	468.86	4004.98	1916.85	ERDAY14	47104_7105
	47105	7105	-49.53	9.441	0.646	-0.026	11.738	-468.86	4004.98	1916.87	ERDAY14	47105_7105
	47105	7106	49.53	-9.441	-0.646	0.026	-16.911	544.422	4464.36	1704.47	ERDAY14	47105_7106
47106	7106	-49.53	9.441	0.648	-0.006	16.911	-544.422	4464.36	1704.47	ERDAY14	47106_7106	
47106	7107	49.53	-9.441	-0.648	0.006	-22.091	619.89	4994.13	1468.2	ERDAY14	47106_7107	
47107	7107	-49.512	9.207	-3.22	0.68	22.091	-619.893	4994.08	1468.12	ERDAY14	47107_7107	
47107	7108	49.512	-9.207	3.22	-0.68	2.871	691.283	5719	1168.47	ERDAY14	47107_7108	
47108	7108	-49.512	9.207	-3.22	0.68	-2.871	-691.283	5719	1168.47	ERDAY14	47108_7108	
47108	7109	49.512	-9.208	3.22	-0.68	27.833	762.671	6510.65	846.12	ERDAY14	47108_7109	
47109	7109	-49.51	9.208	-3.269	-0.25	-27.833	-765.312	6437.25	350.29	ERDAY14	47109_7109	
47109	7110	49.51	-9.207	3.269	0.25	58.863	852.725	7545.89	-152.97	ERDAY14	47109_7110	
47110	7110	-17.033	-2.41	1.739	0.536	-6.417	-2358.81	6588.74	-3369.18	ERDAY14	47110_7110	
47110	7111	17.034	2.411	-1.739	-0.536	-15.444	2328.518	7106.04	-3774.42	ERDAY14	47110_7111	
47111	7111	-16.962	-2.853	1.767	-3.58	15.733	-2328.51	7115.67	-3764.79	ERDAY14	47111_7111	
47111	7112	16.962	2.853	-1.767	3.58	-37.878	2292.727	7125.5	-4033.79	ERDAY14	47111_7112	
47112	7112	-17.102	-7.121	-0.691	-1.793	37.639	-2292.76	7137.78	-4021.73	ERDAY14	47112_7112	
47112	7113	17.101	7.122	0.691	1.793	-28.478	2198.33	6482.81	-4022.63	ERDAY14	47112_7113	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS			
SPAN 6 -- Day 148 minus Cumulative Affects thru Day 85	47113	7113	-12.094	72.884	-0.711	7.742	18.731	9887.735	-4875.82	8657.34	ERDAY11	47113_7113	
	47113	7114	12.094	-72.884	0.711	-7.742	-10.368	-9030.87	-6705.41	9361.76	ERDAY11	47113_7114	
	47114	7114	-13.363	63.678	-0.05	-5.505	10.606	9031.175	-6700.29	9367.42	ERDAY11	47114_7114	
	47114	7115	13.363	-63.678	0.05	5.505	-10.197	-8505.7	-7604.06	9442.81	ERDAY11	47114_7115	
	47115	7115	-13.913	63.56	-0.042	-0.807	10.148	8506.304	-9253.67	10317.04	ERDAY11	47115_7115	
	47115	7116	13.913	-63.56	0.042	0.807	-9.563	-7618.2	-11101.4	10101.63	ERDAY11	47115_7116	
	47116	7116	-13.914	60.107	-0.465	-5.049	9.563	7618.207	-11101.4	10101.65	ERDAY11	47116_7116	
	47116	7117	13.914	-60.107	0.465	5.049	-4.364	-6945.49	-12035.7	9793.73	ERDAY11	47116_7117	
	47117	7117	-13.914	60.107	-0.452	1.045	4.364	6945.493	-12035.7	9793.73	ERDAY11	47117_7117	
	47117	7118	13.914	-60.107	0.452	-1.045	0.693	-6273.39	-12739.1	9414.51	ERDAY11	47117_7118	
	47118	7118	-13.915	57.571	0.119	-1.066	-0.693	6273.327	-12739	9414.42	ERDAY11	47118_7118	
	47118	7119	13.915	-57.571	-0.119	1.066	-0.636	-5629.02	-12947	8905.8	ERDAY11	47118_7119	
	47119	7119	-13.915	57.571	0.119	-1.066	0.636	5629.022	-12947	8905.8	ERDAY11	47119_7119	
	47119	7120	13.915	-57.572	-0.119	1.066	-1.966	-4984.72	-12924.5	8325.51	ERDAY11	47119_7120	
	47120	7120	-13.914	54.434	-0.049	-3.409	1.966	4984.795	-12924.6	8325.61	ERDAY11	47120_7120	
	47120	7121	13.914	-54.434	0.049	3.409	-1.379	-4330.43	-12340.6	7561.66	ERDAY11	47120_7121	
	47121	7121	-13.915	54.434	-0.026	3.795	1.379	4330.433	-12340.6	7561.66	ERDAY11	47121_7121	
	47121	7122	13.915	-54.434	0.026	-3.795	-1.07	-3676.09	-11490.8	6715.02	ERDAY11	47121_7122	
	47122	7122	-13.915	51.068	-0.01	0.035	1.07	3676.085	-11490.8	6715.01	ERDAY11	47122_7122	
	47122	7123	13.915	-51.068	0.01	-0.035	-0.967	-3104.59	-10185.2	5800.31	ERDAY11	47122_7123	
	47123	7123	-13.914	51.068	0.003	2.809	0.967	3104.59	-10185.2	5800.31	ERDAY11	47123_7123	
	47123	7124	13.914	-51.069	-0.003	-2.809	-1.003	-2533.1	-8649.25	4813.94	ERDAY11	47123_7124	
	47124	7124	-13.914	47.607	0.025	0.641	1.003	2533.101	-8649.26	4813.95	ERDAY11	47124_7124	
	47124	7125	13.914	-47.607	-0.025	-0.641	-1.29	-2000.35	-6614.38	3706.83	ERDAY11	47124_7125	
	47125	7125	-13.914	47.607	0.05	4.215	1.29	2000.348	-6614.38	3706.82	ERDAY11	47125_7125	
	47125	7126	13.914	-47.607	-0.05	-4.215	-1.856	-1467.61	-4349.19	2528.06	ERDAY11	47125_7126	
	47126	7126	-13.911	46.258	0.846	2.549	1.856	1467.651	-4349.24	2528.12	ERDAY11	47126_7126	
	47126	7127	13.911	-46.258	-0.846	-2.549	-13.286	-842.23	-939.95	910.95	ERDAY11	47126_7127	
	47127	7127	-14.3	46.139	0.864	3.336	13.315	838.597	-970.49	1053.82	ERDAY11	47127_7127	
	47127	7128	14.3	-46.139	-0.864	-3.336	-20.444	-457.936	1263.45	-160.14	ERDAY11	47127_7128	
	47128	7128	-14.874	39.077	1.413	3.597	20.509	457.887	1248.3	-175.31	ERDAY11	47128_7128	
	47128	7129	14.873	-39.078	-1.413	-3.597	-37.114	1.417	4381.88	-1748.01	ERDAY11	47128_7129	
	PIER 6 -- Day 148 minus Cumulative Affects thru Day 92	47129	7129	-19.88	44.214	2.34	1.655	45.383	-491.31	3381.18	-1839.07	ERDAY12	47129_7129
		47129	7130	19.879	-44.213	-2.34	-1.655	-76.421	1077.877	4986.44	-2698.11	ERDAY12	47129_7130
		47130	7130	-20.814	41.969	-5.601	2.904	76.676	-1077.92	4971.11	-2713.48	ERDAY12	47130_7130
		47130	7131	20.814	-41.969	5.601	-2.904	-6.472	1604.023	5734.5	-3084.88	ERDAY12	47130_7131
		47131	7131	-22.201	41.254	-5.588	1.591	6.445	-1604.03	5718.9	-3100.5	ERDAY12	47131_7131
		47131	7132	22.201	-41.254	5.588	-1.591	59.212	2088.716	5656.71	-3065.06	ERDAY12	47131_7132
		47132	7132	105.087	10.052	7.445	1.05	-156.178	171.923	5752.14	1460.47	ERDAY12	47132_7132
		47132	7133	-105.087	-10.052	-7.445	-1.05	79.34	-68.186	4772.03	1780.91	ERDAY12	47132_7133
47133		7133	105.077	10.052	7.582	-0.674	-79.34	90.844	6339.01	2641.64	ERDAY12	47133_7133	
47133		7134	-105.077	-10.052	-7.582	0.674	20.585	-12.94	5494	2869.71	ERDAY12	47133_7134	
47134		7134	105.057	10.052	7.852	-0.706	-20.585	12.939	5493.98	2869.7	ERDAY12	47134_7134	
47134		7135	-105.057	-10.052	-7.852	0.706	-40.346	65.066	4743.89	3063.8	ERDAY12	47134_7135	
47135		7135	105.073	10.998	-1.341	0.379	40.346	-65.058	4743.96	3063.81	ERDAY12	47135_7135	
47135		7136	-105.073	-10.998	1.341	-0.379	-29.63	152.939	4289.94	3142.95	ERDAY12	47135_7136	
47136		7136	105.071	10.998	-1.474	0.186	29.63	-152.938	4289.94	3142.94	ERDAY12	47136_7136	
47136		7137	-105.071	-10.999	1.474	-0.186	-17.843	240.929	3937.42	3185.75	ERDAY12	47136_7137	
47137		7137	105.071	10.999	-1.474	0.186	17.843	-240.929	3937.42	3185.75	ERDAY12	47137_7137	
47137		7138	-105.071	-10.999	1.474	-0.186	-6.057	328.919	3687.01	3192.11	ERDAY12	47137_7138	
47138		7138	105.063	9.992	0.233	0.776	6.057	-328.932	3686.94	3192.07	ERDAY12	47138_7138	
47138		7139	-105.063	-9.991	-0.233	-0.776	-7.453	388.882	3717.17	3124.72	ERDAY12	47138_7139	
47139		7139	105.063	9.991	0.058	0.128	7.453	-388.883	3717.18	3124.73	ERDAY12	47139_7139	
47139		7140	-105.063	-9.991	-0.058	-0.128	-7.797	448.832	3804.86	3036.88	ERDAY12	47139_7140	
47140		7140	105.063	9.991	0.058	0.128	7.797	-448.832	3804.86	3036.88	ERDAY12	47140_7140	
47140		7141	-105.063	-9.992	-0.058	-0.128	-8.143	508.783	3949.99	2928.53	ERDAY12	47140_7141	
47141		7141	105.063	9.992	0.058	0.128	8.143	-508.783	3949.99	2928.53	ERDAY12	47141_7141	
47141		7142	-105.063	-9.991	-0.058	-0.128	-8.488	568.732	4152.56	2799.69	ERDAY12	47141_7142	
47142		7142	105.058	8.748	0.557	1.018	8.488	-568.746	4152.51	2799.66	ERDAY12	47142_7142	
47142		7143	-105.058	-8.748	-0.557	-1.018	-12.943	638.727	4721.61	2530.54	ERDAY12	47142_7143	
47143		7143	105.059	8.748	0.425	0.22	12.943	-638.728	4721.62	2530.55	ERDAY12	47143_7143	
47143		7144	-105.059	-8.747	-0.425	-0.22	-16.348	708.709	5392.84	2224.99	ERDAY12	47143_7144	
47144		7144	105.059	8.747	0.425	0.22	16.348	-708.709	5392.84	2224.99	ERDAY12	47144_7144	
47144		7145	-105.059	-8.748	-0.425	-0.22	-19.752	778.691	6166.18	1882.98	ERDAY12	47144_7145	
47145		7145	105.085	8.823	-3.149	0.596	19.752	-778.697	6166.24	1883.08	ERDAY12	47145_7145	
47145		7146	-105.085	-8.823	3.149	-0.596	4.654	847.078	7242.79	1434.37	ERDAY12	47145_7146	
47146		7146	105.089	8.823	-3.014	1.69	-4.654	-847.076	7242.8	1434.38	ERDAY12	47146_7146	
47146		7147	-105.089	-8.823	3.014	-1.69	28.009	915.458	8415.19	951.47	ERDAY12	47146_7147	
47147		7147	105.085	8.823	-3.138	0.01	-28.009	-935.273	6584.04	344.42	ERDAY12	47147_7147	
47147		7148	-105.085	-8.823	3.138	-0.01	57.824	1019.095	7832.73	-224.37	ERDAY12	47147_7148	
47148		7148	16.852	-12.871	1.662	0.346	-10.133	-3570.6	6894.15	-4016.03	ERDAY12	47148_7148	
47148		7149	16.852	12.871	-1.662	-0.346	-10.746	3408.88	7464.51	-4537.7	ERDAY12	47148_7149	
47149	7149	-16.509	-13.307	1.674	-2.654	10.955	-3408.88	7474.52	-4527.68	ERDAY12	47149_7149		
47149	7150	16.509	13.307	-1.674	2.654	-31.941	3242.069	7513.67	-4887.53	ERDAY12	47149_7150		
47150	7150	-16.396	-18.649	-1.041	-0.917	31.738	-3242.12	7526.54	-4874.73	ERDAY12	47150_7150		
47150	7151	16.397	18.649	1.041	0.917	-17.92	2994.706	6882.74	-4908.47	ERDAY12	47150_7151		

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 7 -- Day 148 minus Cumulative Affects thru Day 54	47151	7151	-5.338	72.827	0.375	2.522	29.01	8806.837	-5875.27	9864.21	ERDAY9	47151_7151
	47151	7152	5.338	-72.827	-0.375	-2.522	-33.412	-7950.85	-8144.52	10723.6	ERDAY9	47151_7152
	47152	7152	-6.588	61.658	-1.754	2.706	33.442	7950.784	-8138.66	10729.4	ERDAY9	47152_7152
	47152	7153	6.588	-61.658	1.754	-2.706	-18.972	-7442.08	-9188.55	10811.03	ERDAY9	47152_7153
	47153	7153	-7.104	61.6	-1.761	-4.466	18.995	7441.256	-10096	11924.34	ERDAY9	47153_7153
	47153	7154	7.104	-61.601	1.761	4.466	5.214	-6594.23	-11519.8	11504.47	ERDAY9	47153_7154
	47154	7154	-7.113	57.555	0.221	-1.39	-5.214	6594.237	-11519.8	11504.44	ERDAY9	47154_7154
	47154	7155	7.113	-57.555	-0.221	1.39	2.792	-5961.12	-11992.8	10970.59	ERDAY9	47154_7155
	47155	7155	-7.113	57.555	0.221	-1.39	-2.792	5961.121	-11992.8	10970.59	ERDAY9	47155_7155
	47155	7156	7.113	-57.556	-0.221	1.39	0.369	-5328.01	-12202.4	10338.74	ERDAY9	47155_7156
	47156	7156	-7.111	55.828	-0.272	1.86	-0.369	5328.008	-12202.4	10338.75	ERDAY9	47156_7156
	47156	7157	7.111	-55.828	0.272	-1.86	3.082	-4769.72	-11850.1	9581.71	ERDAY9	47156_7157
	47157	7157	-7.111	55.828	-0.278	-2.909	-3.082	4769.717	-11850.1	9581.71	ERDAY9	47157_7157
	47157	7158	7.111	-55.829	0.278	2.909	5.865	-4211.42	-11280.1	8743.67	ERDAY9	47157_7158
	47158	7158	-7.114	53.228	0.068	2.271	-5.865	4211.379	-11280.1	8743.57	ERDAY9	47158_7158
	47158	7159	7.114	-53.228	-0.068	-2.271	5.188	-3678.55	-10217.9	7750.94	ERDAY9	47158_7159
	47159	7159	-7.114	53.228	0.061	-1.426	-5.188	3678.552	-10217.9	7750.94	ERDAY9	47159_7159
	47159	7160	7.114	-53.229	-0.061	1.426	4.582	-3146.26	-8939.06	6678.26	ERDAY9	47159_7160
	47160	7160	-7.115	50.378	0.281	2.595	-4.582	3146.252	-8939.04	6678.24	ERDAY9	47160_7160
	47160	7161	7.115	-50.378	-0.281	-2.595	1.495	-2592.09	-6941.96	5313.78	ERDAY9	47160_7161
	47161	7161	-7.115	50.378	0.274	0.239	-1.495	2592.092	-6941.96	5313.78	ERDAY9	47161_7161
	47161	7162	7.115	-50.377	-0.274	-0.239	-1.519	-2037.93	-4681.52	3851.3	ERDAY9	47161_7162
	47162	7162	-7.117	49.3	0.622	1.452	1.519	2037.939	-4681.55	3851.32	ERDAY9	47162_7162
	47162	7163	7.117	-49.301	-0.622	-1.452	-10.07	-1360.05	-978.49	1713.3	ERDAY9	47162_7163
	47163	7163	-7.525	49.239	0.629	2.724	10.093	1360.464	-933.59	1571.25	ERDAY9	47163_7163
	47163	7164	7.525	-49.24	-0.629	-2.724	-15.281	-954.218	1136.71	384.96	ERDAY9	47163_7164
47164	7164	-8.138	42.158	1.086	1.645	15.302	954.265	1122.15	370.41	ERDAY9	47164_7164	
47164	7165	8.138	-42.159	-1.086	-1.645	-28.063	-458.754	4111.66	-1221.64	ERDAY9	47164_7165	
47165	7165	-14.3	48.865	0.878	1.774	25.504	-120.958	3709.19	-1749.78	ERDAY10	47165_7165	
47165	7166	14.3	-48.865	-0.878	-1.774	-37.144	768.728	5440.3	-2767.62	ERDAY10	47165_7166	
47166	7166	-15.3	46.03	-1.886	2.503	37.3	-768.756	5422.71	-2785.17	ERDAY10	47166_7166	
47166	7167	15.3	-46.03	1.886	-2.503	-13.651	1345.723	6286.3	-3269.55	ERDAY10	47166_7167	
47167	7167	-16.497	45.615	-1.877	1.075	13.603	-1345.73	6273.07	-3282.79	ERDAY10	47167_7167	
47167	7168	16.496	-45.615	1.877	-1.075	9.979	1918.794	6316.59	-3349.14	ERDAY10	47167_7168	
47168	7168	111.82	13.208	5.165	-0.145	-109.078	414.93	6687.45	1730.27	ERDAY10	47168_7168	
47168	7169	-111.82	-13.208	-5.165	0.145	60.008	-289.452	5447.87	2130.36	ERDAY10	47168_7169	
47169	7169	111.826	13.208	5.036	-0.923	-60.008	314.156	6990.76	3080.04	ERDAY10	47169_7169	
47169	7170	-111.826	-13.208	-5.036	0.923	20.978	-211.793	5870.45	3376.48	ERDAY10	47169_7170	
47170	7170	111.826	13.208	5.036	-0.923	-20.978	211.793	5870.45	3376.48	ERDAY10	47170_7170	
47170	7171	-111.826	-13.208	-5.036	0.923	-18.053	-109.431	4862.47	3632.99	ERDAY10	47170_7171	
47171	7171	111.862	12.811	-0.254	-0.116	18.053	109.427	4862.5	3633.11	ERDAY10	47171_7171	
47171	7172	-111.862	-12.812	0.254	0.116	-16.022	-6.936	4228.08	3756.63	ERDAY10	47171_7172	
47172	7172	111.862	12.812	-0.114	-0.124	16.022	6.936	4228.08	3756.63	ERDAY10	47172_7172	
47172	7173	-111.862	-12.811	0.114	0.124	-15.11	95.554	3713.35	3837.57	ERDAY10	47172_7173	
47173	7173	111.862	12.811	-0.254	-0.244	15.11	-95.555	3713.35	3837.58	ERDAY10	47173_7173	
47173	7174	-111.862	-12.811	0.254	0.244	-13.079	198.045	3318.33	3875.95	ERDAY10	47173_7174	
47174	7174	111.859	12.026	0.091	-0.043	13.079	-198.057	3318.27	3875.95	ERDAY10	47174_7174	
47174	7175	-111.859	-12.026	-0.091	0.043	-13.623	270.212	3300.14	3810.5	ERDAY10	47174_7175	
47175	7175	111.859	12.026	0.277	0.408	13.623	-270.212	3300.13	3810.49	ERDAY10	47175_7175	
47175	7176	-111.859	-12.025	-0.277	-0.408	-15.284	342.369	3349.33	3721.1	ERDAY10	47175_7176	
47176	7176	111.859	12.025	0.091	-0.163	15.284	-342.369	3349.33	3721.1	ERDAY10	47176_7176	
47176	7177	-111.859	-12.026	-0.091	0.163	-15.828	414.524	3465.86	3607.76	ERDAY10	47176_7177	
47177	7177	111.859	12.026	0.091	-0.163	15.828	-414.524	3465.86	3607.76	ERDAY10	47177_7177	
47177	7178	-111.859	-12.025	-0.091	0.163	-16.371	486.68	3649.71	3470.48	ERDAY10	47177_7178	
47178	7178	111.856	11.041	0.496	0.021	16.371	-486.693	3649.66	3470.46	ERDAY10	47178_7178	
47178	7179	-111.856	-11.041	-0.496	-0.021	-20.335	575.019	4266.73	3162.99	ERDAY10	47178_7179	
47179	7179	111.855	11.041	0.636	0.74	20.335	-575.018	4266.72	3162.99	ERDAY10	47179_7179	
47179	7180	-111.855	-11.041	-0.636	-0.74	-25.418	663.345	5003.51	2812.93	ERDAY10	47179_7180	
47180	7180	111.856	11.041	0.496	-0.089	25.418	-663.346	5003.51	2812.94	ERDAY10	47180_7180	
47180	7181	-111.856	-11.041	-0.496	0.089	-29.382	751.671	5859.98	2420.32	ERDAY10	47180_7181	
47181	7181	111.894	11.262	-4.953	0.694	29.382	-751.674	5860.03	2420.45	ERDAY10	47181_7181	
47181	7182	-111.894	-11.261	4.953	-0.694	9.011	838.949	7087.59	1896.9	ERDAY10	47181_7182	
47182	7182	111.894	11.261	-4.953	0.694	-9.011	-838.949	7087.59	1896.9	ERDAY10	47182_7182	
47182	7183	-111.894	-11.261	4.953	-0.694	47.404	926.226	8427.46	1333.4	ERDAY10	47182_7183	
47183	7183	111.899	11.261	-4.824	0.907	-47.404	-946.079	6874.63	634.86	ERDAY10	47183_7183	
47183	7184	-111.899	-11.261	4.824	-0.907	93.24	1053.062	8390.35	-63.51	ERDAY10	47183_7184	
47184	7184	14.787	-16.765	2.005	-2.704	-0.515	-3687.48	7259.96	-4311.34	ERDAY10	47184_7184	
47184	7185	-14.787	16.765	-2.005	2.704	-24.667	3476.877	7673.97	-4785.65	ERDAY10	47184_7185	
47185	7185	-14.347	-17.144	1.994	-0.571	24.385	-3476.88	7685.59	-4774.04	ERDAY10	47185_7185	
47185	7186	14.348	17.144	-1.994	0.571	-49.38	3262.001	7417.25	-5016.72	ERDAY10	47185_7186	
47186	7186	-14.127	-21.98	-0.571	-1.333	49.328	-3261.99	7432.56	-5001.4	ERDAY10	47186_7186	
47186	7187	14.127	21.98	0.571	1.333	-41.741	2970.411	6362.41	-4852.85	ERDAY10	47186_7187	

SPAN 7 -- Day 148 minus Cumulative Affects thru Day 54

PIER 7 -- Day 148 minus Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 8 -- Day 148 minus Cumulative Affects thru Day 40	47187	7187	-6.771	73.472	-1.689	-4.822	25.638	8973.081	-7869.42	10734.23	ERDAY7	47187_7187
	47187	7188	6.771	-73.472	1.689	4.822	-5.787	-8109.52	-10413.2	11695.92	ERDAY7	47187_7188
	47188	7188	-8.025	61.058	-0.355	1.696	5.657	8109.51	-10407	11702.05	ERDAY7	47188_7188
	47188	7189	8.025	-61.059	0.355	-1.696	-2.724	-7605.75	-11515.1	11807.4	ERDAY7	47188_7189
	47189	7189	-8.525	60.99	-0.363	-5.639	2.738	7604.283	-10553.6	11633.92	ERDAY7	47189_7189
	47189	7190	8.525	-60.991	0.363	5.639	2.261	-6765.65	-11533.4	11117.72	ERDAY7	47189_7190
	47190	7190	-8.526	58.841	-0.197	-2.049	-2.261	6765.653	-11533.4	11117.72	ERDAY7	47190_7190
	47190	7191	8.526	-58.841	0.197	2.049	4.421	-6118.4	-11719.8	10510.43	ERDAY7	47190_7191
	47191	7191	-8.526	58.841	-0.197	-2.049	-4.421	6118.395	-11719.8	10510.43	ERDAY7	47191_7191
	47191	7192	8.526	-58.84	0.197	2.049	6.58	-5471.14	-11675	9818.35	ERDAY7	47191_7192
	47192	7192	-8.524	56.835	-0.624	-0.735	-6.58	5471.133	-11675	9818.34	ERDAY7	47192_7192
	47192	7193	8.524	-56.836	0.624	0.735	12.813	-4903.91	-11161.7	9038.07	ERDAY7	47192_7193
	47193	7193	-8.524	56.836	-0.624	-0.71	-12.813	4903.905	-11161.7	9038.07	ERDAY7	47193_7193
	47193	7194	8.524	-56.836	0.624	0.71	19.053	-4336.11	-10457.2	8187.11	ERDAY7	47193_7194
	47194	7194	-8.528	54.67	-0.143	-1.309	-19.053	4336.141	-10457.3	8187.15	ERDAY7	47194_7194
	47194	7195	8.528	-54.671	0.143	1.309	20.473	-3789.98	-9319.27	7199.85	ERDAY7	47194_7195
	47195	7195	-8.528	54.671	-0.134	2.484	-20.473	3789.977	-9319.27	7199.84	ERDAY7	47195_7195
	47195	7196	8.528	-54.67	0.134	-2.484	21.808	-3243.82	-7990.51	6142.6	ERDAY7	47195_7196
	47196	7196	-8.536	52.124	0.553	1.873	-21.808	3243.831	-7990.53	6142.6	ERDAY7	47196_7196
	47196	7197	8.536	-52.125	-0.553	-1.873	15.726	-2670.45	-6011.21	4818.45	ERDAY7	47196_7197
	47197	7197	-8.536	52.125	0.553	1.873	-15.726	2670.45	-6011.21	4818.45	ERDAY7	47197_7197
	47197	7198	8.536	-52.125	-0.553	-1.873	9.644	-2097.07	-3800.58	3409.5	ERDAY7	47197_7198
	47198	7198	-8.533	51.9	0.353	2.116	-9.644	2097.083	-3800.6	3409.52	ERDAY7	47198_7198
	47198	7199	8.533	-51.901	-0.353	-2.116	4.802	-1383.96	-279.97	1374.45	ERDAY7	47198_7199
47199	7199	-8.953	51.829	0.361	3.583	-4.772	1385.852	-245.49	1173.85	ERDAY7	47199_7199	
47199	7200	8.953	-51.83	-0.361	-3.583	1.796	-958.24	1967.36	77.69	ERDAY7	47199_7200	
47200	7200	-9.607	45.228	0.971	2.527	-1.766	958.235	1951.42	61.71	ERDAY7	47200_7200	
47200	7201	9.607	-45.229	-0.971	-2.527	-9.64	-426.65	5076.8	-1395.57	ERDAY7	47200_7201	
PIER 8 -- Day 148 minus Cumulative Affects thru Day 47	47201	7201	-12.51	52.762	0.586	2.788	5.182	-275.356	4050.5	-1692.48	ERDAY8	47201_7201
	47201	7202	12.51	-52.762	-0.586	-2.788	-12.945	975.284	5678.78	-2539.54	ERDAY8	47201_7202
	47202	7202	-13.635	50.73	-2.093	2.137	12.985	-975.275	5661.05	-2557.23	ERDAY8	47202_7202
	47202	7203	13.634	-50.73	2.093	-2.137	13.254	1611.085	6469.09	-2972.95	ERDAY8	47202_7203
	47203	7203	-14.924	50.366	-2.102	3.758	-13.069	-1611.08	6455.41	-2986.62	ERDAY8	47203_7203
	47203	7204	14.924	-50.365	2.102	-3.758	39.465	2243.712	6505.87	-3068.66	ERDAY8	47203_7204
	47204	7204	150.928	12.827	5.205	0.83	-157.711	555.229	6901.78	1921.09	ERDAY8	47204_7204
	47204	7205	-150.928	-12.827	-5.205	-0.83	108.261	-433.371	5718.83	2244.53	ERDAY8	47204_7205
	47205	7205	150.921	12.827	5.385	-1.255	-108.261	477.39	6733.37	3186.4	ERDAY8	47205_7205
	47205	7206	-150.921	-12.827	-5.385	1.255	66.529	-377.98	5752.17	3413.75	ERDAY8	47205_7206
	47206	7206	150.928	12.827	5.19	-0.767	-66.529	377.981	5752.19	3413.78	ERDAY8	47206_7206
	47206	7207	-150.928	-12.826	-5.19	0.767	26.307	-278.571	4868.33	3610.38	ERDAY8	47206_7207
	47207	7207	150.973	12.273	1.038	0.552	-26.307	278.587	4868.51	3610.58	ERDAY8	47207_7207
	47207	7208	-150.973	-12.273	-1.038	-0.552	18.002	-180.402	4295.21	3710.09	ERDAY8	47207_7208
	47208	7208	150.973	12.273	1.038	0.552	-18.002	180.402	4295.21	3710.09	ERDAY8	47208_7208
	47208	7209	-150.973	-12.273	-1.038	-0.552	9.696	-82.217	3825.64	3776.84	ERDAY8	47208_7209
	47209	7209	150.971	12.273	1.227	0.45	-9.696	82.217	3825.63	3776.83	ERDAY8	47209_7209
	47209	7210	-150.971	-12.273	-1.227	-0.45	-0.119	15.968	3459.8	3810.82	ERDAY8	47209_7210
	47210	7210	150.974	11.476	0.977	0.838	0.119	-15.963	3459.84	3810.86	ERDAY8	47210_7210
	47210	7211	-150.974	-11.475	-0.977	-0.838	-5.982	84.815	3428.64	3763.51	ERDAY8	47210_7211
	47211	7211	150.974	11.475	0.977	0.838	5.982	-84.815	3428.64	3763.51	ERDAY8	47211_7211
	47211	7212	-150.974	-11.475	-0.977	-0.838	-11.845	153.667	3455.8	3697.73	ERDAY8	47211_7212
	47212	7212	150.972	11.475	1.229	1.094	11.845	-153.666	3455.79	3697.72	ERDAY8	47212_7212
	47212	7213	-150.972	-11.476	-1.229	-1.094	-19.219	222.518	3541.3	3613.51	ERDAY8	47212_7213
	47213	7213	150.974	11.476	0.977	0.723	19.219	-222.52	3541.31	3613.52	ERDAY8	47213_7213
	47213	7214	-150.974	-11.475	-0.977	-0.723	-25.082	291.372	3685.16	3510.87	ERDAY8	47213_7214
	47214	7214	150.984	10.371	0.061	1.109	25.082	-291.367	3685.22	3510.94	ERDAY8	47214_7214
	47214	7215	-150.984	-10.371	-0.061	-1.109	-25.567	374.339	4203.52	3278.29	ERDAY8	47214_7215
	47215	7215	150.984	10.371	0.061	1.109	25.567	-374.339	4203.52	3278.29	ERDAY8	47215_7215
	47215	7216	-150.984	-10.371	-0.061	-1.109	-26.052	457.31	4825.54	3012.88	ERDAY8	47215_7216
	47216	7216	150.984	10.371	0.249	1.681	26.052	-457.307	4825.55	3012.88	ERDAY8	47216_7216
	47216	7217	-150.984	-10.372	-0.249	-1.681	-28.047	540.28	5551.31	2714.7	ERDAY8	47216_7217
47217	7217	151.003	10.136	-1.626	4.666	28.047	-540.242	5551.26	2714.9	ERDAY8	47217_7217	
47217	7218	-151.003	-10.136	1.626	-4.666	-15.446	618.798	6587.83	2322.21	ERDAY8	47217_7218	
47218	7218	151.003	10.136	-1.626	4.666	15.446	-618.798	6587.83	2322.21	ERDAY8	47218_7218	
47218	7219	-151.003	-10.136	1.626	-4.666	-2.846	697.354	7721.76	1898.78	ERDAY8	47218_7219	
47219	7219	150.981	10.136	-3.041	-2.594	2.846	-733.319	6815.35	1171.31	ERDAY8	47219_7219	
47219	7220	-150.981	-10.136	3.041	2.594	26.042	829.613	8212.04	628.19	ERDAY8	47219_7220	
47220	7220	17.397	-20.94	1.145	5.7	-2.97	-3962.21	7289.84	-3831.1	ERDAY8	47220_7220	
47220	7221	17.397	20.939	-1.145	-5.7	-11.408	3699.394	7647.02	-4184.76	ERDAY8	47220_7221	
47221	7221	-16.854	-21.377	1.194	-6.352	12.396	-3699.39	7659.14	-4172.64	ERDAY8	47221_7221	
47221	7222	16.854	21.376	-1.194	6.352	-27.366	3431.448	7389.36	-4341.03	ERDAY8	47221_7222	
47222	7222	-16.47	-25.24	2.542	-2.395	26.983	-3431.71	7405.65	-4325.76	ERDAY8	47222_7222	
47222	7223	16.47	25.24	-2.542	2.395	-60.71	3096.81	6401.46	-4185.94	ERDAY8	47222_7223	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 9 -- Day 148 minus Cumulative Affects thru Day 26	47223	7223	-25.067	67.626	-0.612	23.834	53.557	9156.166	-5763.53	8881.2	ERDAY5	47223_7223
	47223	7224	25.067	-67.626	0.612	-23.834	-46.368	-8361.77	-8421.32	9795.1	ERDAY5	47223_7224
	47224	7224	-26.161	57.051	0.044	-17.949	47.053	8363.216	-8414.41	9805.08	ERDAY5	47224_7224
	47224	7225	26.161	-57.051	-0.044	17.949	-47.413	-7892.33	-9694.42	9972.08	ERDAY5	47224_7225
	47225	7225	-26.615	56.841	0.141	10.555	47.267	7892.157	-8280.78	9125.44	ERDAY5	47225_7225
	47225	7226	26.615	-56.841	-0.141	-10.555	-49.376	-7041.37	-9438.53	8770.47	ERDAY5	47225_7226
	47226	7226	-26.625	55.483	-0.796	-11.157	49.376	7041.793	-9439.12	8770.98	ERDAY5	47226_7226
	47226	7227	26.625	-55.483	0.796	11.157	-40.132	-6397.21	-9735.04	8317.97	ERDAY5	47226_7227
	47227	7227	-26.628	55.483	-0.703	11.07	40.132	6397.214	-9735.06	8317.96	ERDAY5	47227_7227
	47227	7228	26.628	-55.484	0.703	-11.07	-31.97	-5753.11	-9797.62	7791.44	ERDAY5	47227_7228
	47228	7228	-26.626	53.553	-1.99	-10.277	31.97	5752.957	-9797.37	7791.24	ERDAY5	47228_7228
	47228	7229	26.626	-53.553	1.99	10.277	-8.858	-5131.19	-9308.33	7108.97	ERDAY5	47228_7229
	47229	7229	-26.634	53.553	-1.876	11.796	8.858	5131.186	-9308.35	7108.94	ERDAY5	47229_7229
	47229	7230	26.634	-53.553	1.876	-11.796	12.928	-4509.3	-8586.04	6352.68	ERDAY5	47229_7230
	47230	7230	-26.751	49.451	5.145	-7.124	-12.928	4508.723	-8585.29	6351.65	ERDAY5	47230_7230
	47230	7231	26.751	-49.452	-5.145	7.124	-49.395	-3909.63	-7255.57	5422.35	ERDAY5	47230_7231
	47231	7231	-26.73	49.452	5.254	8.816	49.395	3909.622	-7255.53	5422.39	ERDAY5	47231_7231
	47231	7232	26.73	-49.451	-5.254	-8.816	-113.104	-3309.9	-5670.22	4411.61	ERDAY5	47231_7232
	47232	7232	-26.584	54.643	-5.604	-5.571	113.104	3309.588	-5669.33	4411.47	ERDAY5	47232_7232
	47232	7233	26.584	-54.644	5.604	5.571	-95.928	-3142.12	-5121.86	4096.03	ERDAY5	47232_7233
	47233	7233	-26.912	54.486	-5.562	-1.163	95.923	3142.133	-4862.56	3831.07	ERDAY5	47233_7233
	47233	7234	26.912	-54.486	5.562	1.163	-62.773	-2817.4	-3759.77	3199.53	ERDAY5	47233_7234
	47234	7234	-27.511	54.19	-5.526	2.084	62.822	2817.401	-3766.99	3192.31	ERDAY5	47234_7234
	47234	7235	27.511	-54.19	5.526	-2.084	-16.491	-2362.99	-2102.64	2223.97	ERDAY5	47234_7235
47235	7235	-28.099	53.892	-5.482	5.754	16.618	2362.981	-2109.94	2216.65	ERDAY5	47235_7235	
47235	7236	28.098	-53.892	5.482	-5.754	14.42	-2057.82	-1004.67	1569.03	ERDAY5	47235_7236	
47236	7236	-33.343	39.493	6.955	0.544	-14.563	2067.378	-864.02	1139.59	ERDAY5	47236_7236	
47236	7237	33.343	-39.493	-6.955	-0.544	-60.081	-1643.52	360.61	439.19	ERDAY5	47236_7237	
PIER 9 -- Day 148 minus Cumulative Affects thru Day 33	47237	7237	-24.677	56.917	8.044	0.932	-43.124	-820.425	1801.48	-1039.96	ERDAY6	47237_7237
	47237	7238	24.678	-56.918	-8.044	-0.932	-33.372	1361.71	2524.17	-1394.96	ERDAY6	47237_7238
	47238	7238	-25.339	59.091	-7.309	5.383	33.796	-1361.36	2514.87	-1403.39	ERDAY6	47238_7238
	47238	7239	25.339	-59.091	7.309	-5.383	35.011	1917.633	3030.53	-1640.71	ERDAY6	47238_7239
	47239	7239	-25.433	59.059	-7.254	0.216	-35.436	-1917.63	3030.56	-1640.66	ERDAY6	47239_7239
	47239	7240	25.432	-59.059	7.254	-0.216	111.254	2534.952	3456.43	-1835.36	ERDAY6	47239_7240
	47240	7240	165.942	20.673	8.223	-2.311	-190.814	654.076	3408.4	2010.66	ERDAY6	47240_7240
	47240	7241	-165.942	-20.673	-8.223	2.311	127.238	-494.255	2786.44	2128.67	ERDAY6	47240_7241
	47241	7241	165.969	20.673	7.656	-1.19	-127.238	506.651	2977.17	2287.57	ERDAY6	47241_7241
	47241	7242	-165.969	-20.673	-7.656	1.19	61.743	-329.786	2329.21	2389.61	ERDAY6	47241_7242
	47242	7242	165.984	20.673	7.31	-0.505	-61.743	329.788	2329.33	2389.75	ERDAY6	47242_7242
	47242	7243	-165.984	-20.673	-7.31	0.505	1.752	-160.153	1788.32	2462.39	ERDAY6	47242_7243
	47243	7243	166.221	14.213	2.252	0.098	-1.752	160.144	1790.08	2464.15	ERDAY6	47243_7243
	47243	7244	-166.221	-14.213	-2.252	-0.098	-21.074	-16.116	1381.79	2509.82	ERDAY6	47243_7244
	47244	7244	166.226	14.213	1.858	0.136	21.074	16.115	1381.82	2509.85	ERDAY6	47244_7244
	47244	7245	-166.226	-14.213	-1.858	-0.136	-38.713	118.813	1108.32	2518.45	ERDAY6	47244_7245
	47245	7245	166.279	13.46	0.065	0.776	38.713	-118.768	1108.37	2518.15	ERDAY6	47245_7245
	47245	7246	-166.279	-13.46	-0.065	-0.776	-39.389	257.943	1083.67	2446.28	ERDAY6	47245_7246
	47246	7246	166.278	13.46	-0.357	0.122	39.389	-257.945	1083.69	2446.29	ERDAY6	47246_7246
	47246	7247	-166.278	-13.46	0.357	-0.122	-36.077	382.825	1168	2348.41	ERDAY6	47246_7247
	47247	7247	166.238	12.013	0.365	1.597	36.077	-382.748	1168.14	2348.34	ERDAY6	47247_7247
	47247	7248	-166.238	-12.013	-0.365	-1.597	-39.507	495.552	1512.21	2175.88	ERDAY6	47247_7248
	47248	7248	166.238	12.013	-0.311	-0.419	39.507	-495.555	1512.2	2175.88	ERDAY6	47248_7248
	47248	7249	-166.238	-12.012	0.311	0.419	-36.322	618.54	2004.87	1950.99	ERDAY6	47248_7249
	47249	7249	166.266	11.317	-1.748	1.765	36.322	-618.422	2005.3	1951.41	ERDAY6	47249_7249
	47249	7250	-166.266	-11.317	1.748	-1.765	-18.86	731.468	2759.83	1650.07	ERDAY6	47249_7250
	47250	7250	166.261	11.317	-2.192	-0.189	18.86	-731.471	2759.76	1649.99	ERDAY6	47250_7250
	47250	7251	-166.261	-11.317	2.192	0.189	2.252	840.452	3597.68	1324.82	ERDAY6	47250_7251
	47251	7251	166.108	8.454	3.627	6.871	-2.252	-840.25	3595.78	1323.79	ERDAY6	47251_7251
	47251	7252	-166.108	-8.454	-3.627	-6.871	-25.865	905.777	4464.47	1013.84	ERDAY6	47251_7252
	47252	7252	166.121	8.454	2.923	3.057	25.865	-907.381	4365.72	931.16	ERDAY6	47252_7252
	47252	7253	-166.121	-8.454	-2.923	-3.057	-53.618	987.647	5515.14	511.98	ERDAY6	47252_7253
	47253	7253	-16.601	-18.914	6.922	-9.936	9.68	-4307.96	4489.35	-2551.3	ERDAY6	47253_7253
	47253	7254	16.601	18.914	-6.922	9.936	-60.14	4170.089	4541.22	-2695.74	ERDAY6	47253_7254
	47254	7254	-16.421	-23.518	-2.647	4.788	58.658	-4169.55	4551.04	-2684.77	ERDAY6	47254_7254
	47254	7255	16.421	23.518	2.647	-4.788	-27.9	3896.244	4563.58	-2898.48	ERDAY6	47254_7255
	47255	7255	-15.943	-23.849	-2.613	-5.001	28.55	-3896.24	4570.39	-2891.67	ERDAY6	47255_7255
	47255	7256	15.944	23.849	2.613	5.001	-2.281	3656.456	4356.4	-3002.25	ERDAY6	47255_7256
47256	7256	-15.816	-29.931	0.397	5.973	1.719	-3656.2	4362.95	-2995.23	ERDAY6	47256_7256	
47256	7257	15.816	29.93	-0.397	-5.973	-5.45	3375.019	4016.81	-2984.17	ERDAY6	47256_7257	
47257	7257	-15.294	-30.2	0.429	-1.619	5.747	-3381.24	6375.86	-4359.33	ERDAY6	47257_7257	
47257	7258	15.293	30.2	-0.429	1.619	-8.808	3165.476	5666.47	-4173.22	ERDAY6	47257_7258	
47258	7258	-15.015	-30.339	0.446	-5.543	8.857	-3165.47	5671.93	-4167.75	ERDAY6	47258_7258	
47258	7259	15.016	30.339	-0.446	5.543	-11.132	3010.785	5057.25	-3951.62	ERDAY6	47258_7259	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM	ERDAY3	
									STRESS	STRESS		
SPAN 11 -- Day 148 minus Cumulative Affects thru Day 12	47296	7296	14.17	-44.831	1.306	10.711	-51.441	-7895.66	1988.44	-3839.23	ERDAY3	47296_7296
	47296	7297	-14.17	44.83	-1.306	-10.711	37.092	7403.119	844.34	-3214.74	ERDAY3	47296_7297
	47297	7297	14.174	-44.83	1.269	-8.788	-37.092	-7403.12	844.34	-3214.75	ERDAY3	47297_7297
	47297	7298	-14.174	44.83	-1.269	8.788	22.637	6892.338	-265.79	-2595.81	ERDAY3	47297_7298
	47298	7298	14.167	-38.459	0.649	13.54	-22.637	-6893.11	-265.82	-2596.09	ERDAY3	47298_7298
	47298	7299	-14.167	38.459	-0.649	-13.54	15.356	6461.291	-1109.48	-2108.46	ERDAY3	47298_7299
	47299	7299	14.17	-38.459	0.597	-10.049	-15.356	-6461.3	-1109.48	-2108.45	ERDAY3	47299_7299
	47299	7300	-14.17	38.459	-0.597	10.049	7.833	5976.513	-1966.68	-1594.79	ERDAY3	47299_7300
	47300	7300	14.176	-40.18	0.792	10.243	-7.833	-5977.22	-1966.88	-1594.98	ERDAY3	47300_7300
	47300	7301	-14.176	40.18	-0.792	-10.243	-1.82	5487.619	-2566.25	-1176.24	ERDAY3	47300_7301
	47301	7301	14.179	-40.18	0.746	-7.571	1.82	-5487.62	-2566.24	-1176.24	ERDAY3	47301_7301
	47301	7302	-14.179	40.18	-0.746	7.571	-10.512	5019.565	-3056.11	-807.15	ERDAY3	47301_7302
	47302	7302	14.186	-42.164	0.982	9.91	10.512	-5020.08	-3056.41	-807.23	ERDAY3	47302_7302
	47302	7303	-14.186	42.164	-0.982	-9.91	-23.063	4481.156	-3354.05	-482.31	ERDAY3	47302_7303
	47303	7303	14.189	-42.164	0.929	-6.812	23.063	-4481.16	-3354.04	-482.31	ERDAY3	47303_7303
	47303	7304	-14.189	42.164	-0.929	6.812	-33.329	4015.247	-3532.52	-231.02	ERDAY3	47303_7304
	47304	7304	14.195	-44.077	1.026	9.022	33.329	-4015.68	-3532.92	-231.02	ERDAY3	47304_7304
	47304	7305	-14.195	44.077	-1.026	-9.022	-45.182	3506.385	-3505.51	-39.91	ERDAY3	47304_7305
	47305	7305	14.199	-44.077	0.975	-3.43	45.182	-3506.4	-3505.5	-39.91	ERDAY3	47305_7305
	47305	7306	-14.199	44.077	-0.975	3.43	-57.148	2965.651	-3388.89	130.15	ERDAY3	47305_7306
	47306	7306	14.16	-44.61	-1.679	7.626	57.148	-2965.96	-3389.28	130.08	ERDAY3	47306_7306
	47306	7307	-14.16	44.61	1.679	-7.626	-37.193	2435.751	-3033.69	206.21	ERDAY3	47306_7307
	47307	7307	14.154	-44.61	-1.736	-2.119	37.193	-2435.76	-3033.71	206.19	ERDAY3	47307_7307
	47307	7308	-14.154	44.61	1.736	2.119	-16.47	1903.143	-2591.33	250.68	ERDAY3	47307_7308
	47308	7308	14.32	-45.947	9.805	5.702	16.47	-1903.34	-2591.26	250.94	ERDAY3	47308_7308
	47308	7309	-14.32	45.947	-9.805	-5.702	-134.14	1351.949	-1877.28	200.85	ERDAY3	47308_7309
	47309	7309	14.362	-45.947	9.744	-0.003	134.14	-1351.96	-1877.21	200.9	ERDAY3	47309_7309
	47309	7310	-14.362	45.946	-9.744	0.003	-249.297	808.989	-1089.86	119.93	ERDAY3	47309_7310
	47310	7310	13.989	-64.567	-18.637	3.214	249.297	-809.049	-1090.49	119.35	ERDAY3	47310_7310
	47310	7311	-13.989	64.567	18.637	-3.214	0	-54.622	0.87	51.02	ERDAY3	47310_7311

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
PIER 10 -- Day 148 minus Cumulative Affects thru Day 19	48572	8572	-0.003	-5.447	-0.085	0.591	0	-0.028	1.8	-1.69	ERDAY4	48572_8572
	48572	8573	0.003	5.447	0.085	-0.591	1.055	-67.519	-3805.33	4243.37	ERDAY4	48572_8573
	48573	8573	-0.003	-5.447	-0.085	0.602	-1.055	67.519	-3805.33	4243.36	ERDAY4	48573_8573
	48573	8574	0.003	5.447	0.085	-0.602	2.018	-129.18	2588.55	737.08	ERDAY4	48573_8574
	48574	8574	0.01	1.332	0.451	0.346	-2.018	129.177	2586.44	737.84	ERDAY4	48574_8574
	48574	8575	-0.01	-1.333	-0.451	-0.346	-2.631	-115.438	-927.13	3081.44	ERDAY4	48574_8575
	48575	8575	0.011	1.333	0.451	0.463	2.631	115.437	-927.13	3081.43	ERDAY4	48575_8575
	48575	8576	-0.011	-1.332	-0.451	-0.463	-6.913	-102.783	2749.48	69.77	ERDAY4	48575_8576
	48576	8576	0.005	-0.244	0.949	-0.472	6.913	102.775	2733.62	84.12	ERDAY4	48576_8576
	48576	8577	-0.005	0.244	-0.949	0.472	-17.921	-105.602	-2568.76	4108.39	ERDAY4	48576_8577
	48577	8577	0.017	-0.244	0.95	0.814	17.921	105.599	-2560.17	4103.06	ERDAY4	48577_8577
	48577	8578	-0.017	0.244	-0.95	-0.814	-29.663	-108.616	2691.76	239.23	ERDAY4	48577_8578
	48578	8578	-0.048	0.239	-1.177	-0.589	29.663	108.669	2694.17	238.75	ERDAY4	48578_8578
	48578	8579	0.048	-0.239	1.177	0.589	-15.4	-105.77	-2219.92	3852.47	ERDAY4	48578_8579
	48579	8579	-0.048	0.239	-1.177	-0.655	15.4	105.77	-2219.92	3852.45	ERDAY4	48579_8579
	48579	8580	0.048	-0.239	1.177	0.655	-1.994	-103.046	3032.53	-130.65	ERDAY4	48579_8580
	48580	8580	-0.009	0.383	0.378	-1.088	1.994	103.061	3072.41	-162.73	ERDAY4	48580_8580
	48580	8581	-0.009	-0.383	-0.378	1.088	-5.844	-99.155	-1568.07	3225.58	ERDAY4	48580_8581
	48581	8581	-0.006	0.383	0.378	-0.403	5.844	99.16	-1568.11	3225.73	ERDAY4	48581_8581
	48581	8582	0.006	-0.383	-0.378	0.403	-9.626	-95.324	1334.58	976.24	ERDAY4	48581_8582
48582	8582	-0.034	0.658	-0.604	-0.837	9.626	95.37	1327.07	982.36	ERDAY4	48582_8582	
48582	8583	0.034	-0.658	0.604	0.837	-3.07	-88.233	-2995.29	4065.92	ERDAY4	48582_8583	
48583	8583	-0.034	0.658	-0.604	-0.88	3.07	88.233	-2992.01	4063.86	ERDAY4	48583_8583	
48583	8584	0.034	-0.658	0.604	0.88	4.015	-80.523	2090.02	105.77	ERDAY4	48583_8584	
SPAN 11 -- Day 148 minus Cumulative Affects thru Day 12	48584	8584	-0.04	2.236	-1.099	-0.707	-4.285	113.769	173.19	2227.38	ERDAY3	48584_8584
	48584	8585	0.04	-2.237	1.099	0.707	16.722	-88.452	-3587.46	4513.51	ERDAY3	48584_8585
	48585	8585	-0.041	2.237	-1.098	-0.63	-16.722	88.453	-3587.48	4513.52	ERDAY3	48585_8585
	48585	8586	0.041	-2.237	1.098	0.63	28.722	-64.027	1672.37	76.14	ERDAY3	48585_8586
	48586	8586	-0.011	-0.429	0.656	-0.241	-28.722	64.034	1675.56	74.23	ERDAY3	48586_8586
	48586	8587	0.011	0.429	-0.656	0.241	21.551	-68.727	-3655.94	4156.26	ERDAY3	48586_8587
	48587	8587	-0.007	-0.429	0.656	0.255	-21.551	68.726	-3655.93	4156.29	ERDAY3	48587_8587
	48587	8588	0.007	0.429	-0.656	-0.255	13.19	-74.197	1183.59	652.55	ERDAY3	48587_8588
	48588	8588	-0.019	-0.166	0.097	0.735	-13.19	74.142	1140.24	683.85	ERDAY3	48588_8588
	48588	8589	0.019	0.167	-0.097	-0.735	12.032	-76.133	-4091.14	4635.06	ERDAY3	48588_8589
	48589	8589	-0.019	-0.167	0.096	0.714	-12.032	76.133	-4091.15	4635.06	ERDAY3	48589_8589
	48589	8590	0.019	0.166	-0.096	-0.714	10.899	-78.084	936.17	918.05	ERDAY3	48589_8590
	48590	8590	-0.011	-0.316	0.429	1.195	-10.899	78.08	938.05	916.64	ERDAY3	48590_8590
	48590	8591	0.011	0.316	-0.429	-1.195	5.482	-82.076	-4161.87	4811.15	ERDAY3	48590_8591
	48591	8591	-0.009	-0.316	0.429	1.761	-5.482	82.065	-4161.77	4810.89	ERDAY3	48591_8591
	48591	8592	0.009	0.316	-0.429	-1.761	0.751	-85.555	948.87	1063.47	ERDAY3	48591_8592
	48592	8592	-0.007	-0.27	0.516	2.204	-0.751	85.561	973.94	1044.85	ERDAY3	48592_8592
	48592	8593	0.007	0.269	-0.516	-2.204	-5.041	-88.586	-4099.36	4899.34	ERDAY3	48592_8593
	48593	8593	-0.007	-0.269	0.516	2.204	5.041	88.586	-4099.36	4899.34	ERDAY3	48593_8593
	48593	8594	0.007	0.27	-0.516	-2.204	-11.466	-91.941	1060.63	1112.28	ERDAY3	48593_8594
48594	8594	-0.013	-0.755	-0.12	2.491	11.466	91.948	1086.59	1092.96	ERDAY3	48594_8594	
48594	8595	0.013	0.756	0.12	-2.491	-10.034	-100.934	-3681.59	4842.92	ERDAY3	48594_8595	
48595	8595	-0.014	-0.756	-0.12	3.276	10.034	100.911	-3681.41	4842.31	ERDAY3	48595_8595	
48595	8596	0.014	0.755	0.12	-3.276	-8.616	-109.814	1804.45	926.63	ERDAY3	48595_8596	
48596	8596	-0.026	1.075	-0.323	3.303	8.616	109.764	1790.57	935.96	ERDAY3	48596_8596	
48596	8597	0.026	-1.076	0.323	-3.303	-4.748	-96.904	-3716.34	4785.37	ERDAY3	48596_8597	
48597	8597	-0.026	1.076	-0.323	3.272	4.748	96.905	-3716.35	4785.4	ERDAY3	48597_8597	
48597	8598	0.026	-1.075	0.323	-3.272	-0.961	-84.314	1036.5	972.19	ERDAY3	48597_8598	
48598	8598	0.034	12.487	-0.144	3.798	0.961	84.455	1027.77	981.82	ERDAY3	48598_8598	
48598	8599	-0.034	-12.486	0.144	-3.798	0	-1.178	-17.13	37.21	ERDAY3	48598_8599	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS		
SPAN 8 -- Day 148 minus Cumulative Affects thru Day 40	49187	9187	16.608	86.207	-0.546	-5.407	36.589	8851.093	-8284.5	11125.73	ERDAY7	49187_9187
	49187	9188	-16.436	-80.955	0.546	5.407	-30.171	-7868.73	-10098	11729.26	ERDAY7	49187_9188
	49188	9188	15.119	79.226	-1.599	-0.778	30.037	7868.728	-10095.5	11731.76	ERDAY7	49188_9188
	49188	9189	-15.077	-75.538	1.599	0.778	-16.84	-7230.31	-10766.4	11548.61	ERDAY7	49188_9189
	49189	9189	14.442	75.662	-1.589	-5.915	16.834	7232.689	-9861.67	11389.41	ERDAY7	49189_9189
	49189	9190	-14.442	-69.516	1.589	5.915	5.016	-6234.59	-10211.9	10488.43	ERDAY7	49189_9190
	49190	9190	14.441	71.462	-0.135	-0.009	-5.016	6234.59	-10211.9	10488.43	ERDAY7	49190_9190
	49190	9191	-14.441	-66.545	0.135	0.009	6.501	-5475.55	-10106	9664.1	ERDAY7	49190_9191
	49191	9191	14.441	66.545	-0.122	-4.987	-6.501	5475.549	-10106	9664.09	ERDAY7	49191_9191
	49191	9192	-14.441	-61.628	0.122	4.987	7.842	-4770.6	-9814.39	8826.28	ERDAY7	49191_9192
	49192	9192	14.441	64.049	-0.2	-3.002	-7.842	4770.598	-9814.39	8826.28	ERDAY7	49192_9192
	49192	9193	-14.441	-59.601	0.2	3.002	9.837	-4155.44	-9221.86	7968.78	ERDAY7	49192_9193
	49193	9193	14.441	59.601	-0.215	1.175	-9.837	4155.438	-9221.86	7968.78	ERDAY7	49193_9193
	49193	9194	-14.441	-55.154	0.215	-1.175	11.977	-3584.53	-8477.42	7100.26	ERDAY7	49193_9194
	49194	9194	14.441	57.532	-0.283	-0.639	-11.977	3584.537	-8477.42	7100.27	ERDAY7	49194_9194
	49194	9195	-14.441	-53.085	0.283	0.639	14.8	-3034.22	-7415.07	6134.18	ERDAY7	49194_9195
	49195	9195	14.441	53.085	-0.298	2.41	-14.8	3034.214	-7415.07	6134.18	ERDAY7	49195_9195
	49195	9196	-14.441	-48.642	0.298	-2.41	17.764	-2528.63	-6202.11	5158.06	ERDAY7	49195_9196
	49196	9196	14.438	50.755	0.153	1.615	-17.764	2528.647	-6202.13	5158.07	ERDAY7	49196_9196
	49196	9197	-14.438	-45.838	-0.153	-1.615	16.078	-1997.39	-4498.68	3972.04	ERDAY7	49196_9197
	49197	9197	14.438	45.838	0.14	3.431	-16.078	1997.385	-4498.68	3972.03	ERDAY7	49197_9197
	49197	9198	-14.438	-40.921	-0.14	-3.431	14.537	-1520.21	-2609.57	2772.52	ERDAY7	49197_9198
	49198	9198	14.424	39.469	1.944	3.824	-14.537	1520.226	-2609.62	2772.5	ERDAY7	49198_9198
	49198	9199	-14.424	-33.319	-1.944	-3.824	-12.215	-1019.45	206.43	1202.06	ERDAY7	49198_9199
	49199	9199	14.145	33.439	1.933	4.923	12.256	1016.009	234.11	1030.93	ERDAY7	49199_9199
	49199	9200	-14.188	-29.751	-1.933	-4.923	-28.211	-755.346	2003.16	216.68	ERDAY7	49199_9200
	49200	9200	13.747	29.221	-1.076	7.901	28.369	755.375	1991.29	204.85	ERDAY7	49200_9200
	49200	9201	-13.923	-23.969	1.076	-7.901	-15.721	-442.799	4375.76	-858.56	ERDAY7	49200_9201
	49201	9201	18.965	27.835	1.614	1.973	4.159	-96.808	3407.26	-1119.8	ERDAY8	49201_9201
	49201	9202	-19.331	-21.913	-1.614	-1.973	-25.574	426.791	4596.38	-1685.83	ERDAY8	49201_9202
	49202	9202	18.788	22.638	-2.528	3.387	25.766	-426.78	4584.7	-1697.49	ERDAY8	49202_9202
	49202	9203	-19.292	-17.05	2.528	-3.387	5.911	675.513	5094.76	-1945.94	ERDAY8	49202_9203
	49203	9203	18.848	17.542	-2.511	4.076	-5.768	-675.511	5085.15	-1955.54	ERDAY8	49203_9203
	49203	9204	-19.508	-11.955	2.511	-4.076	37.312	860.801	5053.41	-1981.6	ERDAY8	49203_9204
	49204	9204	87.22	38.877	4.913	-0.762	-140.656	1124.11	4862.66	2270.94	ERDAY8	49204_9204
	49204	9205	-87.22	-34.631	-4.913	0.762	93.979	-774.95	4193.11	2270.13	ERDAY8	49204_9205
49205	9205	87.225	34.631	4.822	-1.252	-93.979	798.566	4980.35	3091.3	ERDAY8	49205_9205	
49205	9206	-87.225	-31.166	-4.822	1.252	56.611	-543.605	4436.94	3058.37	ERDAY8	49205_9206	
49206	9206	87.225	31.166	4.822	-1.252	-56.611	543.605	4436.94	3058.37	ERDAY8	49206_9206	
49206	9207	-87.225	-27.702	-4.822	1.252	19.244	-315.491	3967.77	3023.39	ERDAY8	49206_9207	
49207	9207	87.244	27.519	1.117	-0.102	-19.244	315.499	3967.88	3023.51	ERDAY8	49207_9207	
49207	9208	-87.244	-23.942	-1.117	0.102	10.308	-109.657	3646.59	2958.81	ERDAY8	49207_9208	
49208	9208	87.245	23.942	1.008	0.035	-10.308	109.657	3646.59	2958.81	ERDAY8	49208_9208	
49208	9209	-87.245	-20.366	-1.008	-0.035	2.243	67.577	3404.42	2891.92	ERDAY8	49208_9209	
49209	9209	87.247	20.366	0.899	-0.049	-2.243	-67.577	3404.42	2891.92	ERDAY8	49209_9209	
49209	9210	-87.247	-16.79	-0.899	0.049	-4.949	216.203	3241.39	2822.83	ERDAY8	49209_9210	
49210	9210	87.248	17.492	0.987	1.637	4.949	-216.198	3241.34	2822.79	ERDAY8	49210_9210	
49210	9211	-87.248	-14.81	-0.987	-1.637	-10.872	313.108	3234.04	2745.61	ERDAY8	49210_9211	
49211	9211	87.249	14.81	0.842	1.115	10.872	-313.11	3234.05	2745.62	ERDAY8	49211_9211	
49211	9212	-87.249	-12.129	-0.842	-1.115	-15.924	393.928	3271.26	2667.19	ERDAY8	49211_9212	
49212	9212	87.25	12.129	0.697	0.459	15.924	-393.93	3271.26	2667.19	ERDAY8	49212_9212	
49212	9213	-87.25	-9.446	-0.697	-0.459	-20.104	458.656	3352.97	2587.54	ERDAY8	49212_9213	
49213	9213	87.252	9.446	0.551	-0.305	20.104	-458.656	3352.97	2587.53	ERDAY8	49213_9213	
49213	9214	-87.252	-6.765	-0.551	0.305	-23.41	507.289	3479.19	2506.63	ERDAY8	49213_9214	
49214	9214	87.251	7.517	0.072	2.853	23.41	-507.308	3479.3	2506.69	ERDAY8	49214_9214	
49214	9215	-87.251	-3.946	-0.072	-2.853	-23.989	553.106	3799.59	2365.13	ERDAY8	49214_9215	
49215	9215	87.25	3.946	-0.145	1.478	23.989	-553.111	3799.62	2365.14	ERDAY8	49215_9215	
49215	9216	-87.25	-0.369	0.145	-1.478	-22.833	570.373	4199.41	2221.19	ERDAY8	49215_9216	
49216	9216	87.249	0.369	-0.363	0.052	22.833	-570.375	4199.4	2221.19	ERDAY8	49216_9216	
49216	9217	-87.249	3.207	0.363	-0.052	-19.931	559.023	4678.36	2075.04	ERDAY8	49216_9217	
49217	9217	87.233	-3.044	-2.013	4.365	19.931	-559.081	4678.39	2074.85	ERDAY8	49217_9217	
49217	9218	-87.233	6.509	2.013	-4.365	-4.332	522.06	5304.19	1902.11	ERDAY8	49217_9218	
49218	9218	87.225	-6.509	-2.35	2.345	4.332	-522.073	5304.11	1901.99	ERDAY8	49218_9218	
49218	9219	-87.225	9.973	2.35	-2.345	13.886	458.192	6004.23	1727.18	ERDAY8	49218_9219	
49219	9219	87.224	-13.613	-2.386	1.583	-13.886	-479.268	5247.9	1099.3	ERDAY8	49219_9219	
49219	9220	-87.224	17.861	2.386	-1.583	36.554	329.731	6098.64	902.55	ERDAY8	49219_9220	
49220	9220	19.38	8.903	2.189	3.276	-13.977	-2627.19	5760.93	-2755.49	ERDAY8	49220_9220	
49220	9221	-18.719	-3.318	-2.189	-3.276	-13.513	2703.912	6162.04	-3120.11	ERDAY8	49220_9221	
49221	9221	18.635	3.8	2.131	-5.642	14.227	-2703.91	6170.33	-3111.8	ERDAY8	49221_9221	
49221	9222	-18.131	1.79	-2.131	5.642	-40.951	2716.509	6146.28	-3374.87	ERDAY8	49221_9222	
49222	9222	18.091	-1.349	-1.144	-1.785	40.56	-2716.81	6157.15	-3365.16	ERDAY8	49222_9222	
49222	9223	-17.725	7.271	1.144	1.785	-25.391	2659.637	5592.87	-3435.02	ERDAY8	49222_9223	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM		
									STRESS	STRESS		
SPAN 11 -- Day 148 minus Cumulative Affects thru Day 12	49297	9297	-14.516	-19.394	2.865	11.675	-80.575	-8388.11	1756.96	-3955.78	ERDAY3	49297_9297
	49297	9298	14.516	24.531	-2.865	-11.675	47.646	8135.699	1033.86	-3579.06	ERDAY3	49297_9298
	49298	9298	-14.507	-24.531	2.915	-16	-47.646	-8135.69	1033.87	-3579.04	ERDAY3	49298_9298
	49298	9299	14.507	29.305	-2.915	16	16.519	7848.216	407.66	-3225.94	ERDAY3	49298_9299
	49299	9299	-14.558	-25.663	0.401	13.64	-16.519	-7849.4	407.67	-3226.52	ERDAY3	49299_9299
	49299	9300	14.558	30.491	-0.401	-13.64	12.195	7546.15	-95.5	-2914.61	ERDAY3	49299_9300
	49300	9300	-14.556	-30.491	0.447	-10.737	-12.195	-7546.15	-95.5	-2914.61	ERDAY3	49300_9300
	49300	9301	14.556	36.216	-0.447	10.737	6.467	7119.028	-633.7	-2540.9	ERDAY3	49300_9301
	49301	9301	-14.55	-34.11	0.702	14.274	-6.467	-7119.98	-633.75	-2541.21	ERDAY3	49301_9301
	49301	9302	14.55	39.41	-0.702	-14.274	-1.848	6684.083	-988.33	-2234.74	ERDAY3	49301_9302
	49302	9302	-14.547	-39.41	0.758	-11.797	1.848	-6684.09	-988.33	-2234.73	ERDAY3	49302_9302
	49302	9303	14.547	44.666	-0.758	11.797	-10.757	6189.901	-1286.25	-1927.32	ERDAY3	49302_9303
	49303	9303	-14.542	-42.038	0.945	11.001	10.757	-6190.84	-1286.41	-1927.61	ERDAY3	49303_9303
	49303	9304	14.542	47.653	-0.945	-11.001	-22.63	5627.518	-1451.51	-1644.33	ERDAY3	49303_9304
	49304	9304	-14.539	-47.653	0.994	-7.865	22.63	-5627.52	-1451.5	-1644.33	ERDAY3	49304_9304
	49304	9305	14.539	52.59	-0.994	7.865	-33.606	5074.025	-1546.3	-1391.94	ERDAY3	49304_9305
	49305	9305	-14.541	-50.421	0.814	12.894	33.606	-5074.72	-1546.48	-1392.14	ERDAY3	49305_9305
	49305	9306	14.541	55.361	-0.814	-12.894	-42.599	4490.237	-1515.06	-1176.23	ERDAY3	49305_9306
	49306	9306	-14.537	-55.361	0.873	-5.387	42.599	-4490.25	-1515.04	-1176.24	ERDAY3	49306_9306
	49306	9307	14.537	60.972	-0.873	5.387	-53.558	3760.107	-1422.12	-927.17	ERDAY3	49306_9307
	49307	9307	-14.556	-59.307	-0.093	8.096	53.558	-3760.64	-1422.31	-927.35	ERDAY3	49307_9307
	49307	9308	14.556	64.623	0.093	-8.096	-52.452	3023.802	-1202.09	-724.66	ERDAY3	49307_9308
	49308	9308	-14.556	-68.263	-0.055	0.286	52.452	-3023.81	-1202.08	-724.67	ERDAY3	49308_9308
	49308	9309	14.556	73.494	0.055	-0.286	-51.804	2194.353	-949.58	-498.25	ERDAY3	49308_9309
	49309	9309	-14.737	-74.689	-8.992	7.034	51.804	-2194.65	-949.95	-498.61	ERDAY3	49309_9309
	49309	9310	14.737	80.028	8.992	-7.034	55.594	1270.685	-580.84	-280.22	ERDAY3	49309_9310
	49310	9310	-14.768	-80.028	-8.943	2.79	-55.594	-1270.7	-580.87	-280.28	ERDAY3	49310_9310
	49310	9311	14.768	85.237	8.943	-2.79	159.809	307.716	-167.59	-63.65	ERDAY3	49310_9311
	49311	9311	-13.648	-94.047	48.175	-2.78	-159.809	-307.638	-165.86	-61.8	ERDAY3	49311_9311
	49311	9312	13.648	95.529	-48.175	2.78	0	-6.799	-39.77	12.33	ERDAY3	49311_9312

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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 3 -- Cumulative Affects thru Day 127	41000	1000	-2.664	388.927	-0.509	-8.394	0	-12.642	5.25	-18.35
	41000	1001	2.664	-339.204	0.509	8.394	8.654	6203.767	6477.36	-5105.45
	41001	1001	-2.663	339.204	-0.514	3.797	-8.654	-6203.77	6477.36	-5105.45
	41001	1002	2.663	-307.469	0.514	-3.797	14.234	9713.022	10145.88	-7988.92
	41002	1002	-2.6	284.159	1.688	-7.922	-14.234	-9712.32	10145.34	-7988.16
	41002	1003	2.6	-248.508	-1.688	7.922	-6.346	12959.67	13540.06	-10656.4
	41003	1003	-2.601	248.508	1.686	2.643	6.346	-12959.7	13540.06	-10656.4
	41003	1004	2.601	-212.854	-1.686	-2.643	-26.901	15772.56	16480.61	-12967.7
	41004	1004	-2.637	188.552	0.29	-9.416	26.901	-15771.3	16479.23	-12966.8
	41004	1005	2.637	-152.888	-0.29	9.416	-30.439	17853.65	18656.04	-14677.8
	41005	1005	-2.637	152.888	0.288	5.127	30.439	-17853.6	18656.04	-14677.8
	41005	1006	2.637	-117.221	-0.288	-5.127	-33.95	19501.08	20378.24	-16031.5
	41006	1006	-2.642	89.919	0.059	-9.428	33.95	-19500	20377.05	-16030.6
	41006	1007	2.642	-54.27	-0.059	9.428	-34.675	20378.91	21295.9	-16752.8
	41007	1007	-2.642	54.27	0.057	7.174	34.675	-20378.9	21295.9	-16752.8
	41007	1008	2.642	-18.618	-0.057	-7.174	-35.375	20823.28	21760.43	-17117.9
41008	1008	-2.639	-9.776	0.361	-7.301	35.375	-20822.5	21759.64	-17117.3	
41008	1009	2.639	45.409	-0.361	7.301	-39.778	20486.26	21408.12	-16841	
41009	1009	-2.639	-45.409	0.359	7.376	39.778	-20486.3	21408.12	-16841	
41009	1010	2.639	81.075	-0.359	-7.376	-44.162	19714.85	20601.71	-16207.1	
41010	1010	-2.642	-109.291	0.008	-14.629	44.162	-19714.5	20601.33	-16206.8	
41010	1011	2.642	144.935	-0.008	14.629	-44.257	18164.97	18981.47	-14933.6	
41011	1011	-2.642	-144.935	0.003	16.782	44.257	-18165	18981.47	-14933.6	
41011	1012	2.642	180.557	-0.003	-16.782	-44.295	16182.28	16908.81	-13304.5	
41012	1012	-2.642	-208.585	-0.567	7.206	44.295	-16182.2	16908.76	-13304.5	
41012	1013	2.642	244.239	0.567	-7.206	-37.387	13421.4	14022.62	-11036	
41013	1013	-2.643	-244.239	-0.564	-3.717	37.387	-13421.4	14022.62	-11036	
41013	1014	2.643	279.89	0.564	3.717	-30.505	10226.15	10682.35	-8410.49	
41014	1014	-2.643	-307.8	0.47	4.865	30.505	-10226.2	10682.36	-8410.49	
41014	1015	2.643	356.728	-0.47	-4.865	-38.378	4666.184	4870.06	-3841.99	
41015	1015	-1.412	-356.735	0.474	-2.01	38.358	-4667.82	5430.15	-5646.4	
41015	1016	-1.668	379.276	-0.474	2.01	-42.268	1631.787	1852.24	-1915.94	
41016	1016	10.258	-398.487	3.818	-0.076	32.503	-2508.64	2874.01	-2919.04	
41016	1017	-11.318	430.788	-3.818	0.076	-77.363	-2362.81	-2369.98	2534.41	
41017	1017	23.396	-430.301	3.822	1.307	77.547	2362.807	-2241.8	2469.95	
41017	1018	-25.778	469.408	-3.822	-1.307	-128.292	-8333.59	-6585.5	6939.18	
41018	1018	40.708	-487.306	-3.159	-9.84	127.606	8333.444	-6543.72	6980.73	
41018	1019	-44.161	526.014	3.159	9.84	-87.97	-14687.4	-9095.88	9557.16	
41019	1019	58.632	-524.598	-3.155	12.278	90.538	14687.35	-9059.54	9593.48	
41019	1020	-63.454	565.794	3.155	-12.278	-50.823	-21547.6	-10161	10660.64	
41020	1020	-2139.25	147.926	-4.18	-3.157	144.267	3557.401	-10842.9	-2704.08	
41020	1021	2139.247	-121.168	4.18	3.157	-104.548	-2278.84	-9410.2	-4196.52	
41021	1021	-2139.25	121.168	-1.687	-0.502	104.548	2278.842	-11617.9	-5509.51	
41021	1022	2139.25	-101.451	1.687	0.502	-91.471	-1416.18	-10485.3	-6689.27	
41022	1022	-2139.25	101.451	1.055	1.313	91.471	1416.18	-10485.3	-6689.27	
41022	1023	2139.25	-81.738	-1.055	-1.313	-99.649	-706.415	-9553.45	-7659.93	
41023	1023	-2139.21	63.045	-10.573	-0.479	99.649	706.407	-9553.29	-7659.79	
41023	1024	2139.213	-42.694	10.573	0.479	-15.068	-283.467	-8998.02	-8238.2	
41024	1024	-2139.21	42.694	-10.573	-0.479	15.068	283.467	-8998.02	-8238.2	
41024	1025	2139.213	-22.343	10.573	0.479	69.512	-23.329	-8656.49	-8593.96	
41025	1025	-2139.23	22.343	-7.915	-0.45	-69.512	23.329	-8656.54	-8594	
41025	1026	2139.225	-1.995	7.915	0.45	132.822	74.004	-8528.75	-8727.11	
41026	1026	-2139.23	-15.754	-5.023	-0.442	-132.822	-74.004	-8528.76	-8727.12	
41026	1027	2139.228	31.009	5.023	0.442	162.939	-66.202	-8712.83	-8535.38	
41027	1027	-2139.23	-31.009	-1.09	-0.321	-162.939	66.203	-8712.86	-8535.4	
41027	1028	2139.233	46.286	1.09	0.321	169.483	-298.293	-9017.56	-8218	
41028	1028	-2139.23	-46.286	-1.476	-0.374	-169.483	298.293	-9017.56	-8218	
41028	1029	2139.233	61.539	1.476	0.374	178.333	-621.517	-9441.92	-7775.96	
41029	1029	-2139.23	-61.539	-1.09	-0.262	-178.333	621.517	-9441.92	-7775.97	
41029	1030	2139.233	76.816	1.09	0.262	184.877	-1036.95	-9987.33	-7207.83	
41030	1030	-2139.22	-94.198	7.774	-0.27	-184.877	1036.95	-9987.28	-7207.78	
41030	1031	2139.221	114.538	-7.774	0.27	122.722	-1871.41	-11082.8	-6066.59	
41031	1031	-2139.22	-114.538	8.058	-0.021	-122.722	1871.408	-11082.8	-6066.59	
41031	1032	2139.22	134.904	-8.058	0.021	58.216	-2869.83	-12393.6	-4701.16	
41032	1032	-2139.22	-134.904	7.774	-0.402	-58.216	2869.832	-12393.6	-4701.16	
41032	1033	2139.221	155.244	-7.774	0.402	-3.939	-4029.74	-13916.5	-3114.89	
41033	1033	-2139.28	-172.41	-5.886	-24.762	3.939	4029.868	-13916.8	-3114.94	
41033	1034	2139.276	192.132	5.886	24.762	41.692	-5442.91	-15772	-1182.49	
41034	1034	-2139.28	-192.132	-3.141	-17.779	-41.692	5442.938	-15772.1	-1182.47	
41034	1035	2139.282	211.852	3.141	17.779	66.042	-7008.66	-17827.7	958.77	
41035	1035	-2139.21	-211.852	17.368	49.414	-66.042	7008.505	-14710.1	1324.43	
41035	1036	2139.213	238.607	-17.368	-49.414	-98.985	-9148.59	-17108.3	3822.5	
41036	1036	11.128	460.883	2.319	-10.59	-11.183	28599.24	-13648.3	13987.36	
41036	1037	-6.306	-419.694	-2.319	10.59	18.007	-23060.5	-14439.5	14847.38	
41037	1037	-5.28	419.708	2.353	7.217	16.076	23060.47	-14468.6	14818.3	
41037	1038	8.733	-380.985	-2.353	-7.217	-45.606	-18038.4	-14434.7	14840.03	
41038	1038	-20.349	367.035	-3.287	-3.111	46.342	18039.29	-14467.8	14808.35	
41038	1039	22.731	-327.962	3.287	3.111	-2.737	-13431.4	-13216.4	13567.51	

PIER 3 -- Cumulative Affects thru Day 134

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	41039	1039	-54.175	257.688	-0.868	-0.636	25.512	1886.191	-2100.94	1814.15
	41039	1040	55.237	-225.303	0.868	0.636	-15.309	953.388	888.89	-1312.71
	41040	1040	-60.258	204.75	-0.24	-0.084	15.282	-953.448	871.69	-1330.04
	41040	1041	60.513	-182.273	0.24	0.084	-13.303	2549.905	2753.55	-3297.27
	41041	1041	-62.581	181.574	-0.225	-0.83	13.301	-2549.91	3574.6	-4293.94
	41041	1042	62.581	-141.671	0.225	0.83	-9.627	5185.718	7558.42	-8443.75
	41042	1042	-62.58	118.251	-0.043	2.237	9.627	-5185.87	7558.65	-8443.99
	41042	1043	62.58	-88.936	0.043	-2.237	-9.108	6427.023	9434.55	-10398.1
	41043	1043	-62.58	88.936	0.009	-3.109	9.108	-6427.02	9434.55	-10398.1
	41043	1044	62.58	-59.624	-0.009	3.109	-9.212	7316.909	10779.54	-11799.1
	41044	1044	-62.579	34.613	0.186	2.946	9.212	-7317.11	10779.86	-11799.4
	41044	1045	62.579	-5.305	-0.186	-2.946	-11.439	7556.196	11141.21	-12175.8
	41045	1045	-62.579	5.305	0.238	-3.342	11.439	-7556.2	11141.21	-12175.8
	41045	1046	62.579	24.002	-0.238	3.342	-14.288	7444.225	10971.98	-11999.5
	41046	1046	-62.586	-50.023	-0.185	2.653	14.288	-7444.46	10972.3	-11999.9
	41046	1047	62.586	79.35	0.185	-2.653	-12.07	6669.12	9800.44	-10779.2
	41047	1047	-62.586	-79.35	-0.137	-2.467	12.07	-6669.12	9800.44	-10779.2
	41047	1048	62.586	108.651	0.137	2.467	-10.43	5543.43	8099.05	-9006.95
	41048	1048	-62.585	-133.357	0.014	3.391	10.43	-5543.56	8099.25	-9007.15
	41048	1049	62.585	162.681	-0.014	-3.391	-10.599	3769.61	5418.07	-6214.25
	41049	1049	-62.585	-162.681	0.014	-2.648	10.599	-3769.61	5418.07	-6214.25
	41049	1050	62.585	191.976	-0.114	2.648	-11.969	1646.437	2209.06	-2871.54
	41050	1050	-62.587	-215.043	-0.033	-0.221	11.969	-1646.49	2209.13	-2871.63
	41050	1051	62.587	254.909	0.033	0.221	-11.424	-2182.09	-3577.46	3156.07
	41051	1051	-59.684	-255.604	0.057	2.806	11.456	2182.091	-3232.04	2874.52
	41051	1052	59.447	276.369	-0.057	-2.806	-11.927	-4374.21	-6070	5846.08
	41052	1052	-52.898	-296.369	0.876	-2.252	11.827	4374.215	-6042.97	5873.12
	41052	1053	51.918	326.26	-0.876	2.252	-22.12	-8033.48	-9851.85	9842.75
	41053	1053	-45.403	-328.657	2.655	6.613	25.224	8247.772	-7974.45	7986.81
41053	1054	43.052	367.148	-2.655	-6.613	-60.471	-12865.1	-10155	10218.27	
41054	1054	-31.299	-384.1	-1.905	-5.288	59.722	12865.18	-10121.7	10251.68	
41054	1055	27.903	422.087	1.905	5.288	-35.814	-17921.5	-11114.1	11241.24	
41055	1055	-16.272	-422.695	-1.849	8.893	37.433	17921.47	-11084.3	11271.12	
41055	1056	11.551	462.968	1.849	-8.893	-14.141	-23495.7	-11151.6	11313.05	
41056	1056	-2019.33	198.69	-2.783	-2.606	71.628	6453.352	-13504.2	772.22	
41056	1057	2019.328	-172.273	2.783	2.606	-45.186	-4691.23	-11595.5	-1217.31	
41057	1057	-2019.33	172.273	-1.34	0.772	45.186	4652.696	-11962.6	-1387.04	
41057	1058	2019.329	-151.194	1.34	-0.772	-34.806	-3399.88	-10578.4	-2850.5	
41058	1058	-2019.33	151.194	-1.34	0.772	34.806	3399.883	-10578.4	-2850.5	
41058	1059	2019.329	-130.115	1.34	-0.772	-24.426	-2310.35	-9374.64	-4123.23	
41059	1059	-2019.41	112.61	-9.635	-1.637	24.426	2310.384	-9374.94	-4123.46	
41059	1060	2019.408	-90.823	9.635	1.637	52.715	-1496.02	-8475.19	-5074.76	
41060	1060	-2019.42	90.823	-7.275	0.111	-52.715	1496.015	-8475.22	-5074.8	
41060	1061	2019.418	-69.065	7.275	-0.111	110.886	-856.808	-7769	-5821.48	
41061	1061	-2019.43	69.065	-4.6	1.246	-110.886	856.808	-7769.02	-5821.51	
41061	1062	2019.426	-47.282	4.6	-1.246	147.708	-391.126	-7254.52	-6365.49	
41062	1062	-2019.4	30.279	-3.021	-0.246	-147.708	391.139	-7254.44	-6365.39	
41062	1063	2019.399	-13.948	3.021	0.246	165.837	-258.425	-7107.81	-6520.42	
41063	1063	-2019.4	13.948	0.136	0.158	-165.837	258.425	-7107.82	-6520.42	
41063	1064	2019.401	2.354	-0.136	-0.158	165.024	-223.695	-7069.45	-6560.99	
41064	1064	-2019.4	-2.354	0.338	0.181	-165.024	223.695	-7069.45	-6560.99	
41064	1065	2019.401	18.683	-0.338	-0.181	162.996	-286.816	-7139.19	-6487.26	
41065	1065	-2019.4	-18.683	3.697	0.658	-162.996	286.815	-7139.18	-6487.25	
41065	1066	2019.398	35.011	-3.697	-0.658	140.811	-447.905	-7317.16	-6299.07	
41066	1066	-2019.37	-52.133	5.311	-0.285	-140.811	447.915	-7317.06	-6298.96	
41066	1067	2019.367	73.913	-5.311	0.285	98.298	-952.338	-7874.37	-5709.72	
41067	1067	-2019.36	-73.913	7.83	0.903	-98.298	952.337	-7874.34	-5709.69	
41067	1068	2019.359	95.691	-7.83	-0.903	35.631	-1631.03	-8624.19	-4916.88	
41068	1068	-2019.36	-95.691	7.685	0.786	-35.631	1631.027	-8624.19	-4916.89	
41068	1069	2019.36	117.443	-7.685	-0.786	25.799	-2482.84	-9565.32	-3921.84	
41069	1069	-2019.49	-134.532	3.071	-0.42	25.799	2482.941	-9565.85	-3922.15	
41069	1070	2019.485	155.627	-3.071	0.42	-49.604	-3607.59	-10808.4	-2608.4	
41070	1070	-2019.49	-155.627	3.071	-0.42	49.604	3607.589	-10808.4	-2608.4	
41070	1071	2019.485	176.722	-3.071	0.42	-73.409	-4895.76	-12231.7	-1103.63	
41071	1071	-2019.48	-176.722	4.487	3.098	73.409	4934.299	-11859.3	-943.37	
41071	1072	2019.482	203.122	-4.487	-3.098	-116.007	-6737.47	-13812.4	1092.5	
41072	1072	-6.039	462.354	1.121	-7.496	23.421	23869.33	-11315.9	11505.95	
41072	1073	10.76	-422.084	-1.121	7.496	-37.542	-18303.1	-11305.3	11526.2	
41073	1073	-22.374	421.627	1.167	5.271	36.088	18303.13	-11335.1	11496.36	
41073	1074	25.77	-383.647	-1.167	-5.271	-50.725	-13253.4	-10408.8	10579.37	
41074	1074	-37.489	368.789	-2.771	-0.815	51.138	13253.86	-10442.4	10546.52	
41074	1075	39.84	-330.313	2.771	0.815	-14.358	-8616.4	-8307.56	8367.08	

PIER 4 -- Cumulative Affects thru Day 110

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 5 - Cumulative Affects thru Day 99	41075	1075	-46.951	258.246	-0.627	-2.672	20.852	-3911.67	4509.87	-5079.84	
	41075	1076	47.913	-228.903	0.627	2.672	-13.482	6775.81	8824.85	-9633.58	
	41076	1076	-53.008	209.288	-0.329	5.109	13.33	-6776.13	8804.25	-9655.06	
	41076	1077	53.24	-188.896	0.329	-5.109	-10.619	8418.63	11288.12	-12271.3	
	41077	1077	-55.384	188.278	-0.258	-5.824	10.677	-8402.52	10061.66	-9620.94	
	41077	1078	55.384	-149.497	0.258	5.824	-6.852	10906.53	13120.13	-12428	
	41078	1078	-55.378	127.331	0.282	5.096	6.852	-10906.8	13120.43	-12428.3	
	41078	1079	55.378	-97.899	-0.282	-5.096	-10.028	12173.91	14668.15	-13848.8	
	41079	1079	-55.378	97.899	0.334	-6.202	10.028	-12173.9	14668.15	-13848.8	
	41079	1080	55.378	-68.442	-0.334	6.202	-13.784	13110.53	15812.17	-14898.8	
	41080	1080	-55.384	44.113	-0.132	5.567	13.784	-13110.9	15812.63	-14899.2	
	41080	1081	55.384	-14.658	0.132	-5.567	-12.301	13441.83	16216.8	-15270.2	
	41081	1081	-55.384	14.658	-0.083	-6.359	12.301	-13441.8	16216.8	-15270.2	
	41081	1082	55.384	14.795	0.083	6.359	-11.372	13441.06	16215.86	-15269.3	
	41082	1082	-55.385	-40.588	-0.055	10.555	11.372	-13441.5	16216.35	-15269.8	
	41082	1083	55.385	72.239	0.055	-10.555	-10.702	12758.84	15382.58	-14504.6	
	41083	1083	-55.385	-72.239	0.036	-10.517	10.702	-12758.8	15382.58	-14504.6	
	41083	1084	55.385	103.887	-0.036	10.517	-11.138	11693.32	14081.13	-13310.1	
	41084	1084	-55.387	-129.256	-0.125	9.394	11.138	-11693.6	14081.5	-13310.4	
	41084	1085	55.387	158.705	0.125	-9.394	-9.728	10072.62	12101.54	-11493.2	
	41085	1085	-55.387	-158.705	-0.027	-8.487	9.728	-10072.6	12101.55	-11493.2	
	41085	1086	55.387	188.152	0.027	8.487	-9.425	8120.184	9716.79	-9304.44	
	41086	1086	-55.39	-211.25	-0.298	5.809	9.425	-8120.34	9716.97	-9304.63	
	41086	1087	55.39	240.697	0.298	-5.809	-6.074	5576.364	6609.7	-6452.74	
	41087	1087	-55.391	-240.697	-0.199	-4.091	6.074	-5576.37	6609.7	-6452.74	
	41087	1088	55.391	270.142	0.199	4.091	-3.83	2701.077	3097.74	-3229.43	
	41088	1088	-55.387	-291.169	0.209	1.079	3.83	-2701.19	3097.9	-3229.55	
	41088	1089	55.387	328.464	-0.209	-1.079	-6.812	-1716.19	-2297.61	1722.51	
	41089	1089	-51.654	-329.071	0.195	0.508	6.812	1700.078	-2137.07	1868.82	
	41089	1090	51.409	350.599	-0.195	-0.508	-8.428	-4505.46	-5217.76	5124.52	
	41090	1090	-43.305	-369.103	0.584	-1.227	8.386	4505.451	-5188.21	5154.06	
	41090	1091	42.29	400.021	-0.584	1.227	-15.248	-9024.44	-9266.07	9434.17	
	PIER 5 - Cumulative Affects thru Day 106	41091	1091	-34.456	-401.808	2.193	2.992	16.927	9166.088	-8711.58	8901.65
		41091	1092	32.13	439.966	-2.193	-2.992	-46.03	-14750	-11463.4	11730.13
		41092	1092	-18.485	-455.475	-1.582	-14.201	44.679	14750.1	-11425	11768.71
		41092	1093	15.124	493.183	1.582	14.201	-24.812	-20703.3	-12656.5	12989.72
41093		1093	-1.46	-493.413	-1.49	17.53	28.206	20703.28	-12621.6	13024.64	
41093		1094	-3.217	533.346	1.49	-17.53	-9.467	-27159.1	-12720.6	13072.36	
41094		1094	-2255.01	178.745	0.728	-4.723	-52.988	6861.781	-14573.1	500.45	
41094		1095	2255.013	-152.545	-0.728	4.723	46.073	-5287.57	-12887.9	-1272.5	
41095		1095	-2255.01	152.545	1.34	-3.288	-46.073	5287.569	-13142.4	-1884.29	
41095		1096	2255.012	-131.764	-1.34	3.288	35.685	-4185.47	-12001.8	-3090.24	
41096		1096	-2255	131.764	7.084	7.373	-35.685	4185.465	-12001.8	-3090.21	
41096		1097	2255.002	-111.011	-7.084	-7.373	-19.161	-3245.64	-11029.1	-4118.59	
41097		1097	-2255.1	94.348	-4.66	2.54	19.161	3245.72	-11029.5	-4118.83	
41097		1098	2255.098	-72.898	4.66	2.54	18.131	-2576.53	-10337	-4851.08	
41098		1098	-2255.1	72.898	-1.843	0.679	-18.131	2576.532	-10337	-4851.09	
41098		1099	2255.102	-51.448	1.843	-0.679	32.877	-2079.01	-9822.06	-5395.5	
41099		1099	-2255.1	51.448	-1.843	0.679	-32.877	2079.008	-9822.06	-5395.5	
41099		1100	2255.102	-29.999	1.843	-0.679	47.623	-1753.13	-9484.79	-5752.09	
41100		1100	-2255	13.911	11.978	9.461	-47.623	1753.066	-9484.38	-5751.8	
41100		1101	2254.999	2.176	-11.978	-9.461	24.259	-1717.85	-9447.93	-5790.34	
41101		1101	-2255	-2.176	11.996	9.399	24.259	1717.853	-9447.94	-5790.34	
41101		1102	2254.999	18.235	-11.896	-9.399	-95.532	-1779	-9511.22	-5723.43	
41102		1102	-2254.99	-18.235	-14.311	-11.276	95.532	1778.986	-9511.16	-5723.4	
41102		1103	2254.985	34.326	14.311	11.276	-9.62	-1936.76	-9674.44	-5550.76	
41103		1103	-2255.01	-34.326	-10.556	-8.051	9.62	1936.775	-9674.53	-5550.81	
41103		1104	2255.006	50.417	10.556	8.051	53.751	-2191.13	-9937.77	-5272.48	
41104		1104	-2255	-66.398	0.156	-2.234	-53.751	2191.128	-9937.73	-5272.45	
41104		1105	2254.995	87.825	-0.156	2.234	52.508	-2807.55	-10575.7	-4597.94	
41105		1105	-2254.99	-87.825	3.06	1.382	-52.508	2807.549	-10575.7	-4597.93	
41105		1106	2254.993	109.278	-3.06	-1.382	28.019	-3596.31	-11392	-3734.84	
41106		1106	-2254.99	-109.278	3.06	1.382	-28.019	3596.314	-11392	-3734.84	
41106		1107	2254.993	130.731	-3.06	-1.382	3.53	-4556.78	-12386	-2683.87	
41107		1107	-2255.03	-146.942	-3.466	-2.58	-3.53	4556.82	-12386.2	-2683.95	
41107		1108	2255.028	167.696	3.466	2.58	30.369	-5774.96	-13646.9	-1351.02	
41108		1108	-2255.03	-167.696	-3.384	-2.368	-30.369	5774.962	-13646.9	-1351.02	
41108		1109	2255.028	188.478	3.384	2.368	56.602	-7155.69	-15075.9	159.82	
41109		1109	-2255.03	-188.478	-1.088	4.916	-56.602	7155.693	-14887.8	831.4	
41109		1110	2255.031	214.678	1.088	-4.916	66.943	-9071.4	-16938.5	2988.96	
41110		1110	-11.776	493.375	1.626	-20.656	2.406	29739.23	-13963.9	14279.45	
41110		1111	16.453	-453.445	-1.626	20.656	-22.854	-23786.5	-14539.1	14926.57	
41111		1111	-29.002	452.815	1.737	17.103	18.852	23786.53	-14571.1	14894.5	
41111	1112	32.363	-415.111	-1.737	-17.103	-40.663	-18340.8	-14232.7	14607.21		
41112	1112	-44.737	402.493	-2.141	-3.915	42.337	18341.23	-14267.9	14572.62		
41112	1113	47.062	-364.314	2.141	3.915	-13.908	-13252	-12586.5	12878.08		

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	41113	1113	-48.607	289.1	-1.15	-0.951	23.247	608.686	-786.37	474.93
	41113	1114	49.618	-258.283	1.15	0.951	-9.738	2606.521	2729.29	-3253.98
	41114	1114	-55.341	238.976	0.03	6.721	9.625	-2606.62	2708.53	-3274.96
	41114	1115	55.584	-217.522	-0.03	-6.721	-9.873	4490.185	4938.43	-5641.78
	41115	1115	-58.052	216.876	0.157	-3.148	9.949	-4473.5	6355.38	-6274.94
	41115	1116	58.052	-180.548	-0.157	3.148	-12.263	7409.044	10684.55	-10233.9
	41116	1116	-58.052	158.925	-0.273	3.542	12.263	-7409.05	10684.55	-10233.9
	41116	1117	58.052	-131.255	0.273	-3.542	-9.19	9041.592	13092.14	-12435.6
	41117	1117	-58.052	131.255	-0.222	-4.493	9.19	-9041.59	13092.13	-12435.6
	41117	1118	58.052	-103.585	0.222	4.493	-6.698	10362.78	15040.54	-14217.4
	41118	1118	-58.052	80.132	-0.018	9.47	6.698	-10362.8	15040.55	-14217.4
	41118	1119	58.052	-52.439	0.018	-9.47	-6.498	11109.26	16141.41	-15224.1
	41119	1119	-58.052	52.439	0.085	-10.108	6.498	-11109.3	16141.41	-15224.1
	41119	1120	58.052	-24.77	-0.085	10.108	-7.451	11543.61	16781.97	-15809.9
	41120	1120	-58.052	-0.724	-0.241	4.601	7.451	-11543.6	16781.99	-15809.9
	41120	1121	58.052	30.482	0.241	-4.601	-4.535	11354.82	16503.54	-15555.3
	41121	1121	-58.053	-30.482	-0.194	-4.657	4.535	-11354.8	16503.54	-15555.3
	41121	1122	58.053	60.215	0.194	4.657	-2.194	10806.5	15694.92	-14815.8
	41122	1122	-58.053	-85.631	-0.118	4.511	2.194	-10806.5	15694.92	-14815.8
	41122	1123	58.053	113.322	0.118	-4.511	-0.87	9686.323	14042.94	-13305.1
	41123	1123	-58.053	-113.322	-0.067	-3.999	0.87	-9686.32	14042.94	-13305.1
	41123	1124	58.053	140.989	0.067	3.999	-0.12	8255.742	11933.21	-11375.8
	41124	1124	-58.053	-163.884	-0.295	6.019	0.12	-8255.74	11933.21	-11375.8
	41124	1125	58.053	191.575	0.295	-6.019	3.199	6254.412	8981.76	-8676.73
	41125	1125	-58.054	-191.575	-0.192	-5.044	-3.199	-6254.41	8981.76	-8676.73
	41125	1126	58.054	219.241	0.192	5.044	5.36	3943.498	5573.75	-5560.18
	41126	1126	-58.054	-239.453	-0.332	0.612	-5.36	-3943.5	5573.76	-5560.19
	41126	1127	58.054	273.759	0.332	-0.612	9.995	363.753	294.55	-732.46
	41127	1127	-54.94	-274.401	-0.268	0.4	-9.991	-380.444	329.74	-844.24
	41127	1128	54.715	294.169	0.268	-0.4	12.201	-1965.04	-3132.86	2767
41128	1128	-47.886	-311.187	1.638	-3.38	-12.322	1965.019	-3102.64	2797.14	
41128	1129	46.953	339.628	-1.638	3.38	-6.935	-5790.22	-7864.12	7750.57	
41129	1129	-44.051	-341.909	4.24	8.476	6.214	6032.032	-6353.96	6356.61	
41129	1130	41.789	379.032	-4.24	-8.476	-62.501	-10815.5	-9236.48	9345.55	
41130	1130	-29.659	-396.353	-8.692	-6.317	61.552	10815.44	-9200.18	9381.78	
41130	1131	26.386	433.058	8.692	6.317	47.53	-16017.8	-10689	10892.31	
41131	1131	-14.464	-433.621	-8.64	7.742	-46.195	16017.81	-10656.9	10924.43	
41131	1132	9.903	472.614	8.64	-7.742	155.02	-21722.3	-11037.1	11281.66	
41132	1132	-1966.25	167.28	34.59	16.247	-421.419	4939.689	-12545.7	-619.03	
41132	1133	1966.251	-141.839	-34.59	-16.247	92.815	-3471.37	-10818.1	-2436.62	
41133	1133	-1966.29	141.839	32.053	11.768	-92.815	3471.392	-12939	-3224.33	
41133	1134	1966.294	-122.798	-32.053	-11.768	-155.594	-2445.92	-11537	-4692.07	
41134	1134	-1966.56	122.798	1.607	-26.1	155.594	2445.811	-11537.9	-4693.32	
41134	1135	1966.555	-103.753	-1.607	26.1	-168.052	-1567.81	-10337.5	-5950	
41135	1135	-1966.57	84.322	-3.739	0.299	168.052	1568.342	-10338.3	-5949.29	
41135	1136	1966.57	-64.662	3.739	-0.299	-138.134	-972.285	-9523.35	-6802.42	
41136	1136	-1966.56	64.662	-6.196	-0.916	138.134	972.285	-9523.32	-6802.4	
41136	1137	1966.563	-45.002	6.196	0.916	-88.553	-533.531	-8923.46	-7430.38	
41137	1137	-1966.57	45.002	-3.739	-0.249	88.553	533.531	-8923.48	-7430.4	
41137	1138	1966.57	-25.341	3.739	0.249	-58.635	-252.103	-8538.71	-7833.21	
41138	1138	-1966.63	8.712	-3.714	-0.171	58.635	252.113	-8539	-7833.46	
41138	1139	1966.634	6.009	3.714	0.171	-36.386	-244.018	-8527.93	-7845.05	
41139	1139	-1966.64	-6.009	-0.366	0.244	36.386	244.018	-8527.94	-7845.06	
41139	1140	1966.637	20.754	0.366	-0.244	-34.188	-324.325	-8637.74	-7730.12	
41140	1140	-1966.64	-20.754	-0.366	0.244	34.188	324.325	-8637.74	-7730.12	
41140	1141	1966.637	35.5	0.366	-0.244	-31.991	-493.121	-8868.52	-7488.52	
41141	1141	-1966.63	-35.5	-3.642	-0.577	31.991	493.121	-8868.5	-7488.51	
41141	1142	1966.634	50.245	3.642	0.577	-10.131	-750.415	-9220.27	-7120.25	
41142	1142	-1966.65	-67.095	0.211	0.97	10.131	750.42	-9220.34	-7120.3	
41142	1143	1966.648	86.755	-0.211	-0.97	-11.823	-1365.95	-10061.9	-6239.3	
41143	1143	-1966.65	-86.755	0.211	0.97	11.823	1365.947	-10061.9	-6239.3	
41143	1144	1966.648	106.416	-0.211	-0.97	-13.516	-2138.79	-11118.5	-5133.15	
41144	1144	-1966.65	-106.416	-2.246	-1.702	13.516	2138.785	-11118.5	-5133.15	
41144	1145	1966.647	126.076	2.246	1.702	4.455	-3068.96	-12390.3	-3801.79	
41145	1145	-1966.56	-142.348	-5.551	-0.754	-4.455	3068.945	-12389.8	-3801.44	
41145	1146	1966.556	161.369	5.551	0.754	47.43	-4244.58	-13997.2	-2118.77	
41146	1146	-1966.56	-161.369	-5.499	-0.64	-47.43	4244.582	-13997.2	-2118.77	
41146	1147	1966.556	180.415	5.499	0.64	90.055	-5569.28	-15808.3	-222.74	
41147	1147	-1966.56	-180.415	-4.231	2.951	-90.055	5569.279	-13287.6	159.27	
41147	1148	1966.559	205.861	4.231	-2.951	130.253	-7404.46	-15446.8	2430.99	
41148	1148	-42.136	423.747	0.255	-8.919	-6.388	24601.74	-12573.9	12703.42	
41148	1149	46.698	-384.777	-0.255	8.919	3.182	-19515.6	-13062.4	13231.63	
41149	1149	-57.275	383.345	0.326	6.405	-4.785	19515.55	-13090.9	13203.13	
41149	1150	60.548	-346.662	-0.326	-6.405	0.694	-14939.7	-12767	12900.77	
41150	1150	-71.093	331.338	-0.14	-1.418	-0.036	14939.84	-12798.7	12869.4	
41150	1151	73.355	-294.207	0.14	1.418	1.9	-10788.7	-11346.8	11386.84	

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	41151	1151	-72.775	208.279	-0.269	-1.077	-0.607	-1002.96	1018.64	-1686.09
	41151	1152	73.721	-179.435	0.269	1.077	3.775	3282.033	4502.93	-5351.05
	41152	1152	-77.747	160.778	-0.008	0.298	-3.811	-3282.02	4485.12	-5368.82
	41152	1153	77.975	-140.727	0.008	-0.298	3.875	4526.014	6492.61	-7473.84
	41153	1153	-79.568	139.832	0.01	-0.688	-3.872	-4526.01	7255.89	-8299.46
	41153	1154	79.568	-107.439	-0.01	0.688	3.73	6225.116	10123.42	-11271.5
	41154	1154	-79.572	87.836	0.153	2.995	-3.73	-6225.11	10123.39	-11271.5
	41154	1155	79.572	-61.902	-0.153	-2.995	2.051	7048.848	11513.59	-12712.4
	41155	1155	-79.572	61.902	0.225	-3.41	-2.051	-7048.85	11513.6	-12712.4
	41155	1156	79.572	-35.969	-0.225	3.41	-0.422	7587.25	12422.24	-13654.2
	41156	1156	-79.569	15.49	0.005	3.711	0.422	-7587.25	12422.26	-13654.2
	41156	1157	79.569	8.134	-0.005	-3.711	-0.475	7624.114	12484.47	-13718.7
	41157	1157	-79.569	-8.134	0.083	-3.743	0.475	-7624.11	12484.47	-13718.7
	41157	1158	79.569	31.733	-0.083	3.743	-1.306	7424.543	12147.66	-13369.6
	41158	1158	-79.571	-51.66	0.107	3.464	1.306	-7424.54	12147.65	-13369.6
	41158	1159	79.571	75.283	-0.107	-3.464	-2.375	6788.422	11074.08	-12256.9
	41159	1159	-79.571	-75.283	0.184	-3.173	2.375	-6788.42	11074.09	-12256.9
	41159	1160	79.571	98.882	-0.184	3.173	-4.221	5916.553	9602.66	-10731.8
	41160	1160	-79.567	-118.877	-0.084	0.327	4.221	-5916.6	9602.75	-10731.9
	41160	1161	79.567	144.811	0.084	-0.327	-3.295	4465.992	7154.6	-8194.46
	41161	1161	-79.567	-144.811	-0.084	0.327	3.295	-4465.99	7154.6	-8194.46
	41161	1162	79.567	170.745	0.084	-0.327	-2.369	2730.058	4224.91	-5157.96
	41162	1162	-79.577	-189.701	0.423	0.498	2.369	-2730.02	4224.81	-5157.95
	41162	1163	79.577	222.094	-0.423	-0.498	-8.177	-99.593	-550.66	-208.37
	41163	1163	-77.048	-222.984	0.405	0.383	8.182	99.593	-494.49	-187.17
	41163	1164	76.821	243.035	-0.405	-0.383	-11.52	-2022.4	-3314.92	2757.13
	41164	1164	-71.054	-260.943	0.01	0.795	11.547	2022.401	-3289.44	2782.62
	41164	1165	70.108	289.787	-0.01	-0.795	-11.669	-5259.91	-7260.45	6924.14
	41165	1165	-66.913	-293.462	1.41	0.409	4.515	5603.773	-6504.05	6308.09
	41165	1166	64.666	330.342	-1.41	-0.409	-23.235	-9743.34	-9093.15	9002.26
	41166	1166	-53.868	-348.086	-0.833	-4.837	22.827	9743.327	-9059.24	9036.15
	41166	1167	50.616	384.532	0.833	4.837	-12.381	-14335.7	-10384.4	10399.24
	41167	1167	-40.008	-385.78	-0.764	6.447	13.604	14335.66	-10354.5	10429.1
	41167	1168	35.474	424.513	0.764	-6.447	-3.989	-19432.9	-10648.8	10724.75
	41168	1168	-1777.87	181.436	1.195	-1.46	-27.916	5068.23	-12944.1	365.78
	41168	1169	1777.874	-156.171	-1.195	1.46	16.563	-3464.24	-10886.2	-1788.6
41169	1169	-1777.87	156.171	1.919	-0.049	-16.563	3464.24	-12690.2	-2468.54	
41169	1170	1777.874	-137.041	-1.919	0.049	1.688	-2327.8	-11052	-4183.54	
41170	1170	-1777.87	137.041	1.919	-0.049	-1.688	2327.801	-11052	-4183.54	
41170	1171	1777.874	-117.912	-1.919	0.049	-13.187	-1339.65	-9627.56	-5674.76	
41171	1171	-1777.82	100.963	0.252	0.287	13.187	1339.636	-9627.3	-5674.53	
41171	1172	1777.816	-81.217	-0.252	-0.287	-15.204	-610.773	-8576.62	-6774.46	
41172	1172	-1777.82	81.217	2.016	-0.492	15.204	610.772	-8576.61	-6774.45	
41172	1173	1777.815	-61.494	2.016	0.492	0.912	-40.513	-7754.57	-7635.03	
41173	1173	-1777.82	61.494	0.252	-0.441	-0.912	40.514	-7754.57	-7635.03	
41173	1174	1777.816	-41.748	-0.252	0.441	-1.106	372.54	-7159.15	-8258.37	
41174	1174	-1777.83	24.038	0.897	-0.203	1.106	-372.535	-7159.21	-8258.42	
41174	1175	1777.828	-9.228	-0.897	0.203	-6.486	472.352	-7015.32	-8409.05	
41175	1175	-1777.83	9.228	-2.065	0.584	6.486	-472.352	-7015.31	-8409.05	
41175	1176	1777.827	5.582	2.065	-0.584	5.909	483.292	-6999.54	-8425.56	
41176	1176	-1777.83	-5.582	0.897	-0.221	-5.909	-483.293	-6999.55	-8425.56	
41176	1177	1777.828	20.392	-0.897	0.221	0.528	405.355	-7111.89	-8307.95	
41177	1177	-1777.83	-20.392	0.897	-0.221	-0.528	-405.355	-7111.89	-8307.95	
41177	1178	1777.828	35.202	-0.897	0.221	-4.852	238.542	-7352.36	-8056.21	
41178	1178	-1777.84	-52.837	-1.012	-0.064	4.852	-238.545	-7352.39	-8056.25	
41178	1179	1777.835	72.559	1.012	0.064	3.235	-262.524	-8074.69	-7300.08	
41179	1179	-1777.84	-72.559	1.257	0.271	-3.235	262.524	-8074.69	-7300.08	
41179	1180	1777.835	92.305	-1.257	-0.271	-6.822	-922.112	-9025.51	-6304.7	
41180	1180	-1777.84	-92.305	1.257	0.271	6.822	922.112	-9025.51	-6304.7	
41180	1181	1777.835	112.051	-1.257	-0.271	-16.878	-1739.7	-10204.1	-5070.87	
41181	1181	-1777.78	-129.047	-2.739	0.923	16.878	1739.736	-10203.9	-5070.58	
41181	1182	1777.78	148.177	2.739	-0.923	4.355	-2814.21	-11752.8	-3449.1	
41182	1182	-1777.78	-148.177	-2.739	0.923	-4.355	2814.207	-11752.8	-3449.1	
41182	1183	1777.78	167.306	2.739	-0.923	25.589	-4036.96	-13515.4	-1603.83	
41183	1183	-1777.78	-167.306	-3.463	-0.721	-25.589	4036.962	-11620.7	-1019.01	
41183	1184	1777.778	192.572	3.463	0.721	58.498	-5746.76	-13814.3	1277.49	
41184	1184	-47.848	402.893	0.603	5.249	-12.956	20235.8	-11115.8	11140.83	
41184	1185	52.382	-364.191	-0.603	-5.249	5.374	-15414.3	-11160	11187.47	
41185	1185	-62.452	362.6	0.529	-6.636	-4.154	15414.33	-11188.3	11159.12	
41185	1186	65.703	-326.124	-0.529	6.636	-2.484	-11093.8	-10328.6	10274.92	
41186	1186	-75.686	309.714	-0.675	-0.688	1.93	11093.86	-10360	10243.6	
41186	1187	77.932	-272.834	0.675	0.688	7.025	-7228.18	-8360.72	8165.37	

SPAN 7 -- Cumulative Affects thru Day 54

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM
									STRESS	STRESS
SPAN 11 -- Cumulative Affects thru Day 12	41294	1294	7.542	571.209	-3.854	-12.582	104.796	7912.341	-4278.77	4700.83
	41294	1295	-6.748	-547.8	3.854	12.582	-77.614	-3966.47	-2258.66	2502.15
	41295	1295	-3.907	547.828	-3.807	1.34	77.131	3967.668	-3060.76	3169.5
	41295	1296	4.205	-527.222	3.807	-1.34	-49.882	-120.349	-106.74	87.05
	41296	1296	-11.489	527.114	-3.795	0.777	49.896	120.348	-127.39	66.39
	41296	1297	11.506	-501.853	3.795	-0.777	-16.523	4404.341	3442.15	-3659.83
	41297	1297	-11.846	462.532	0.015	20.587	16.523	-4404.36	3441.19	-3660.81
	41297	1298	11.846	-450.894	-0.015	-20.587	-16.585	6255.1	4901.33	-5184.98
	41298	1298	-11.846	450.894	0.034	10.486	16.585	-6255.13	3627.86	-3871.77
	41298	1299	11.846	-422.752	-0.034	-10.486	-16.875	9953.162	5787.91	-6145.51
	41299	1299	-11.846	422.752	0.072	-21.395	16.875	-9953.15	5787.9	-6145.5
	41299	1300	11.846	-382.91	-0.072	21.395	-17.74	14781.24	8608.03	-9114.05
	41300	1300	-11.844	336.387	1.068	36.37	17.74	-14781.3	8608.04	-9114.06
	41300	1301	11.844	-292.629	-1.068	-36.37	-31.797	18921.25	11026.24	-11659.5
	41301	1301	-11.84	292.629	1.115	-39.457	31.797	-18921.2	11026.25	-11659.5
	41301	1302	11.84	-254.971	-1.115	39.457	-44.432	22022.97	12837.99	-13566.6
	41302	1302	-11.839	203.099	-0.528	54.299	44.432	-22023	12838.02	-13566.7
	41302	1303	11.839	-158.346	0.528	-54.299	-37.329	24455.98	14259.13	-15062.6
	41303	1303	-11.841	158.346	-0.472	-60.415	37.329	-24456	14259.12	-15062.6
	41303	1304	11.841	-121.644	0.472	60.415	-32.118	26001.63	15161.95	-16012.9
	41304	1304	-11.84	67.391	0.648	52.986	32.118	-26001.8	15162.03	-16013
	41304	1305	11.84	-23.958	-0.648	-52.986	-40.579	26598.53	15510.61	-16379.9
	41305	1305	-11.838	23.958	0.695	-52.802	40.579	-26598.5	15510.61	-16379.9
	41305	1306	11.838	14.041	-0.695	52.802	-48.521	26655.21	15543.72	-16414.8
	41306	1306	-11.838	-67.55	-1.133	50.431	48.521	-26655.2	15543.71	-16414.7
	41306	1307	11.838	106.984	1.133	-50.431	-35.075	25620	14939.04	-15778.3
	41307	1307	-11.842	-106.984	-1.092	-39.045	35.075	-25620	14939.05	-15778.3
	41307	1308	11.842	148.989	1.092	39.045	-21.275	24002.76	13994.4	-14783.9
	41308	1308	-11.842	-199.724	0.822	45.731	21.275	-24002.8	13994.43	-14783.9
	41308	1309	11.842	240.158	-0.822	-45.731	-31.269	21327.58	12431.81	-13139.1
	41309	1309	-11.839	-240.158	0.867	-36.023	31.269	-21327.6	12431.82	-13139.1
	41309	1310	11.839	281.182	-0.867	36.023	-41.969	18110.7	10552.8	-11161.2
	41310	1310	-11.838	-327.573	-0.059	30.239	41.969	-18110.7	10552.82	-11161.2
	41310	1311	11.838	370.155	0.059	-30.239	-41.214	13641.88	7942.54	-8413.5
	41311	1311	-11.838	-370.155	-0.014	-21.987	41.214	-13641.9	7942.54	-8413.51
	41311	1312	11.838	412.644	0.014	21.987	-41.039	8639.253	5020.46	-5337.64
	41312	1312	-11.845	-447.799	-2.286	4.891	41.039	-8639.27	5020.46	-5337.66
	41312	1313	11.845	507.477	2.286	-4.891	0	64.453	11.84	-65.44

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	42039	2039	-0.029	2.044	-0.006	-0.013	-0.046	-17.16	987.42	-1095.36
	42039	2040	0.029	16.327	0.006	0.013	0.115	-66.789	-3848.08	4258.23
	42040	2040	-0.028	19.68	0.019	-0.015	-0.115	66.906	-3854.77	4265.71
	42040	2041	0.028	-6.784	-0.019	0.015	-0.045	42.28	2434.36	-2697.27
	42041	2041	-0.028	6.784	0.019	-0.016	0.045	-42.28	2434.36	-2697.27
	42041	2042	0.028	18.474	-0.019	0.016	-0.359	-52.182	-3006.68	3326.74
	42042	2042	-0.028	19.334	-0.013	0.013	0.359	52.204	-3007.94	3328.12
	42042	2043	0.028	-0.625	0.013	-0.013	-0.205	67.26	3873.16	-4290.24
	42043	2043	-0.028	0.625	-0.013	-0.038	0.205	-67.26	3873.16	-4290.24
	42043	2044	0.028	18.067	0.013	0.038	-0.05	-37.048	-2134.99	2361.64
	42044	2044	-0.028	18.693	0.004	-0.005	0.05	37.19	-2143.12	2370.66
	42044	2045	0.028	0.016	-0.004	0.005	-0.097	74.597	4295.79	-4758.14
	42045	2045	-0.028	-0.016	0.004	-0.005	0.097	-74.597	4295.79	-4758.14
	42045	2046	0.028	18.726	-0.004	0.005	-0.144	-37.583	-2165.79	2395.75
	42046	2046	-0.028	18.379	0	0.003	0.144	37.36	-2152.89	2381.51
	42046	2047	0.028	0.323	0	-0.003	-0.145	70.674	4069.86	-4507.96
	42047	2047	-0.028	-0.323	0	0.003	0.145	-70.674	4069.86	-4507.96
	42047	2048	0.028	19.024	0	-0.003	-0.146	-45.079	-2597.51	2873.77
	42048	2048	-0.028	17.706	-0.006	-0.012	0.146	44.955	-2590.39	2865.87
	42048	2049	0.028	0.994	0.006	0.012	-0.076	55.026	3168.51	-3510.05
	42049	2049	-0.028	-0.994	-0.006	0.033	0.076	-55.026	3168.51	-3510.05
	42049	2050	0.028	19.696	0.006	-0.033	-0.005	-68.766	-3961.91	4384.35
	42050	2050	-0.027	18.254	0.013	0.017	0.005	68.577	-3950.98	4372.27
	42050	2051	0.027	6.976	-0.013	-0.017	-0.216	22.452	1292.26	-1432.74
	42051	2051	-0.027	-6.976	0.013	0.011	0.216	-22.452	1292.26	-1432.74
	42051	2052	0.027	19.857	-0.013	-0.011	-0.324	-88.125	-5076.98	5618.91
	42052	2052	-0.027	16.726	-0.021	0.014	0.324	88.205	-5081.56	5624.01
	42052	2053	0.027	1.639	0.021	-0.014	-0.079	0.436	24.14	-28.73
	42053	2053	-0.032	2.682	0	0.011	0.078	-3.007	172.06	-192.88
	42053	2054	0.032	17.395	0	-0.011	-0.08	-94.498	-5444.23	6025.15
	42054	2054	-0.028	18.387	0.034	0.013	0.08	94.358	-5435.98	6016.34
	42054	2055	0.028	0.544	-0.034	-0.013	-0.5	17.15	986.87	-1094.68
42055	2055	-0.028	-0.544	0.034	-0.001	0.5	-17.15	986.87	-1094.68	
42055	2056	0.028	19.475	-0.034	0.001	-0.92	-107.955	-6219.21	6883.48	
42056	2056	-0.05	20.022	-0.029	0.01	0.92	107.976	-6221.17	6884.02	
42056	2057	0.05	-5.629	0.029	-0.01	-0.646	13.898	798.78	-888.06	
42057	2057	-0.05	5.629	-0.029	-0.008	0.646	-13.898	798.78	-888.06	
42057	2058	0.05	6.105	0.029	0.008	-0.423	12.054	692.56	-770.46	
42058	2058	-0.05	-6.105	-0.029	0.008	0.423	-12.054	692.56	-770.46	
42058	2059	0.05	17.841	0.029	-0.008	-0.2	-80.717	-4651.07	5145.71	
42059	2059	-0.05	18.52	-0.1	0	0.2	80.711	-4650.7	5145.28	
42059	2060	0.05	-6.394	0.1	0	0.603	19.018	1093.65	-1214.54	
42060	2060	-0.05	6.394	-0.1	0.002	-0.603	-19.018	1093.65	-1214.54	
42060	2061	0.05	5.716	0.1	-0.002	1.404	21.728	1249.76	-1387.37	
42061	2061	-0.05	-5.716	-0.1	0	-1.404	-21.728	1249.76	-1387.37	
42061	2062	0.05	17.842	0.1	0	2.207	-72.573	-4181.98	4626.34	
42062	2062	-0.051	18.15	0.003	-0.016	-2.207	72.478	-4176.53	4620.28	
42062	2063	0.051	-9.074	-0.003	0.016	2.19	9.086	521.6	-581.23	
42063	2063	-0.051	9.074	0.003	-0.032	-2.19	-9.086	521.6	-581.23	
42063	2064	0.051	0.016	-0.003	0.032	2.173	36.267	2087.22	-2314.59	
42064	2064	-0.051	-0.016	0.003	0.028	-2.173	-36.267	2087.22	-2314.59	
42064	2065	0.051	9.107	-0.003	-0.028	2.156	8.889	510.22	-568.63	
42065	2065	-0.051	-9.107	0.003	0.028	-2.156	-8.889	510.22	-568.63	
42065	2066	0.051	18.198	-0.003	-0.028	2.14	-73.055	-4209.74	4657.04	
42066	2066	-0.052	17.862	0.109	0.003	-2.14	72.883	-4199.85	4646.01	
42066	2067	0.052	-5.74	-0.109	-0.003	1.264	21.562	1240.15	-1376.85	
42067	2067	-0.052	5.74	0.109	0.005	-1.264	-21.562	1240.15	-1376.85	
42067	2068	0.052	6.367	-0.109	-0.005	0.39	19.053	1095.64	-1216.85	
42068	2068	-0.052	-6.367	0.109	0.004	-0.39	-19.053	1095.64	-1216.85	
42068	2069	0.052	18.49	-0.109	-0.004	-0.486	-80.416	-4633.75	5126.41	
42069	2069	-0.049	17.668	0.012	0.002	0.486	80.348	-4629.76	5122.2	
42069	2070	0.049	-5.925	-0.012	-0.002	-0.581	11.113	638.37	-710.37	
42070	2070	-0.049	5.925	0.012	0.002	0.581	-11.113	638.37	-710.37	
42070	2071	0.049	5.803	-0.012	-0.002	-0.675	11.584	665.54	-740.45	
42071	2071	-0.049	-5.803	0.012	-0.001	0.675	-11.584	665.54	-740.45	
42071	2072	0.049	20.202	-0.012	0.001	-0.791	-112.015	-6453.78	7141.65	
42072	2072	-0.041	20.212	0.016	-0.001	0.791	111.99	-6451	7141.41	
42072	2073	0.01	-1.283	-0.016	0.001	-0.992	22.324	1285.51	-1424.02	
42073	2073	-0.01	1.283	0.016	-0.001	0.992	-22.324	1285.51	-1424.02	
42073	2074	0.01	17.647	-0.016	0.001	-1.193	-79.931	-4604.4	5096.96	
42074	2074	-0.017	12.085	-0.256	-0.007	1.193	79.988	-4607.91	5100.33	
42074	2075	0.017	7.982	0.256	0.007	2.196	-52.807	-3042.29	3366.97	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	42075	2075	0.003	2.732	-0.011	-0.007	0.131	-34.518	1988.36	-2201.15
	42075	2076	-0.003	14.685	0.011	0.007	-0.004	-35.745	-2058.81	2279.65
	42076	2076	0.004	17.409	0.015	-0.049	0.004	35.739	-2058.45	2279.28
	42076	2077	-0.004	-5.188	-0.015	0.049	-0.124	57.466	3310.18	-3664.56
	42077	2077	0.004	5.188	0.015	0.014	0.124	-57.466	3310.18	-3664.56
	42077	2078	-0.004	16.556	-0.015	-0.014	-0.337	-25.954	-1494.84	1655.28
	42078	2078	0.004	17.224	-0.013	-0.009	0.337	26.198	-1508.83	1670.8
	42078	2079	-0.004	-0.553	0.013	0.009	-0.19	73.823	4252.33	-4707.62
	42079	2079	0.004	0.553	-0.013	-0.006	0.19	-73.823	4252.33	-4707.62
	42079	2080	-0.004	16.103	0.013	0.006	-0.043	-13.594	-782.84	867.03
	42080	2080	0.004	16.376	0.001	-0.038	0.043	13.595	-782.91	867.11
	42080	2081	-0.004	0.291	-0.001	0.038	-0.057	76.884	4428.68	-4902.86
	42081	2081	0.004	-0.291	0.001	0.03	0.057	-76.884	4428.68	-4902.86
	42081	2082	-0.004	16.959	-0.001	-0.03	-0.071	-20.151	-1160.52	1285.18
	42082	2082	0.004	17.654	-0.001	-0.033	0.071	20.008	-1152.33	1276.11
	42082	2083	-0.004	0.244	0.001	0.033	-0.062	85.163	4905.53	-5430.8
	42083	2083	0.004	-0.244	-0.001	0.034	0.062	-85.163	4905.53	-5430.8
	42083	2084	-0.004	18.157	0.001	-0.034	-0.053	-26.083	-1502.26	1663.53
	42084	2084	0.004	16.458	-0.002	-0.024	0.053	26.075	-1501.75	1662.97
	42084	2085	-0.004	0.205	0.002	0.024	-0.034	65.334	3763.39	-4166.29
	42085	2085	0.004	-0.205	-0.002	0.036	0.034	-65.334	3763.39	-4166.29
	42085	2086	-0.004	16.855	0.002	-0.036	-0.015	-30.534	-1758.63	1947.38
	42086	2086	0.004	15.705	0.008	-0.013	0.015	30.777	-1772.61	1962.83
	42086	2087	-0.004	0.959	-0.008	0.013	-0.101	52.154	3004.24	-3325.82
	42087	2087	0.004	-0.959	0.008	0.034	0.101	-52.154	3004.24	-3325.82
	42087	2088	-0.004	17.624	-0.008	-0.034	-0.186	-52.36	-3015.79	3339.21
	42088	2088	0.004	15.55	-0.012	0.011	0.186	52.354	-3015.46	3338.83
	42088	2089	-0.004	5.381	0.012	-0.011	-0.019	19.479	1122.1	-1242.04
	42089	2089	0.004	-5.381	-0.012	0.01	0.019	-19.479	1122.1	-1242.04
	42089	2090	-0.004	17.595	0.012	-0.01	0.078	-75.237	-4333.53	4798.12
	42090	2090	0.004	15.283	0	0.009	-0.078	75.441	-4345.27	4811.14
	42090	2091	-0.004	2.134	0	-0.009	0.077	1.853	106.86	-118
	42091	2091	-0.004	1.981	0.029	0.009	-0.184	-4.422	254.6	-282.15
	42091	2092	0.004	17.35	-0.029	-0.009	-0.203	-97.379	-5609.14	6209.86
	42092	2092	0	17.906	-0.01	0.007	0.203	97.23	-5600.47	6200.53
	42092	2093	0	0.328	0.01	-0.007	-0.074	12.589	725.14	-802.82
	42093	2093	0	-0.328	-0.01	-0.003	0.074	-12.589	725.14	-802.82
	42093	2094	0	18.577	0.01	0.003	0.055	-105.617	-6083.55	6735.37
	42094	2094	0.029	19.238	-0.006	0.005	-0.055	105.588	-6080.87	6734.53
	42094	2095	-0.029	-5.369	0.006	-0.005	0.114	11.347	654.59	-722.59
	42095	2095	0.029	5.369	-0.006	-0.007	-0.114	-11.347	654.59	-722.59
	42095	2096	-0.029	5.93	0.006	0.007	0.162	9.174	529.46	-584.06
42096	2096	0.029	-5.93	-0.006	0.004	-0.162	-9.174	529.46	-584.06	
42096	2097	-0.029	17.245	0.006	-0.004	0.21	-80.667	-4645.41	5145.27	
42097	2097	0.04	17.764	0.007	-0.003	-0.21	80.539	-4637.61	5137.47	
42097	2098	-0.04	-6.1	-0.007	0.003	0.152	14.829	855.58	-944.27	
42098	2098	0.04	6.1	0.007	-0.003	-0.152	-14.829	855.58	-944.27	
42098	2099	-0.04	5.578	-0.007	0.003	0.094	16.917	975.84	-1077.42	
42099	2099	0.04	-5.578	0.007	-0.003	-0.094	-16.917	975.84	-1077.42	
42099	2100	-0.04	17.256	-0.007	0.003	0.035	-74.452	-4287.04	4749.35	
42100	2100	0.039	17.451	-0.006	-0.001	-0.035	74.424	-4285.46	4747.47	
42100	2101	-0.039	-8.693	0.006	0.001	0.069	4.036	233.81	-256	
42101	2101	0.039	8.693	-0.006	-0.001	-0.069	-4.036	233.81	-256	
42101	2102	-0.039	0.052	0.006	0.001	0.104	29.925	1725.02	-1906.99	
42102	2102	0.039	-0.052	-0.006	-0.002	-0.104	-29.925	1725.02	-1906.99	
42102	2103	-0.039	8.81	0.006	0.002	0.138	3.33	193.15	-210.99	
42103	2103	0.039	-8.81	-0.006	-0.002	-0.138	-3.33	193.15	-210.99	
42103	2104	-0.039	17.569	0.006	0.002	0.172	-75.836	-4366.81	4837.54	
42104	2104	0.039	17.163	-0.005	0.013	-0.172	75.841	-4367.06	4837.84	
42104	2105	-0.039	-5.483	0.005	-0.013	0.215	14.784	852.91	-941.42	
42105	2105	0.039	5.483	-0.005	-0.005	-0.215	-14.784	852.91	-941.42	
42105	2106	-0.039	6.181	0.005	0.005	0.258	11.995	692.27	-763.56	
42106	2106	0.039	-6.181	-0.005	-0.006	-0.258	-11.995	692.27	-763.56	
42106	2107	-0.039	17.86	0.005	0.006	0.302	-84.21	-4849.1	5371.53	
42107	2107	0.037	17.058	0.001	-0.001	-0.302	84.238	-4850.84	5373.28	
42107	2108	-0.037	-5.744	-0.001	0.001	0.295	4.16	240.88	-263.98	
42108	2108	0.037	5.744	0.001	-0.006	-0.295	-4.16	240.88	-263.98	
42108	2109	-0.037	5.555	-0.001	0.006	0.289	4.89	282.96	-310.57	
42109	2109	0.037	-5.555	0.001	-0.001	-0.289	-4.89	282.96	-310.57	
42109	2110	-0.037	19.424	-0.001	0.001	0.282	-113.815	-6554.43	7259.4	
42110	2110	0.036	19.326	0.035	0.002	-0.282	113.819	-6554.71	7259.65	
42110	2111	-0.036	-1.094	-0.035	-0.002	-0.155	13.74	792.67	-874.94	
42111	2111	0.036	1.094	0.035	-0.009	0.155	-13.74	792.67	-874.94	
42111	2112	-0.036	17.152	-0.035	0.009	-0.592	-86.655	-4990.07	5527.37	
42112	2112	0.033	11.668	-0.143	-0.009	0.592	86.685	-4991.88	5529.19	
42112	2113	-0.033	7.673	0.143	0.009	1.304	-60.207	-3466.72	3840.63	

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	42113	2113	0.004	2.275	0.003	-0.011	0.235	-20.85	1201.09	-1329.48
	42113	2114	-0.004	14.823	-0.003	0.011	-0.265	-52.828	-3042.76	3369.07
	42114	2114	0.004	17.617	-0.007	-0.075	0.265	52.838	-3043.34	3369.69
	42114	2115	-0.004	-5.603	0.007	0.075	-0.205	42.963	2474.78	-2739.65
	42115	2115	0.004	5.603	-0.007	0.025	0.205	-42.963	2474.78	-2739.65
	42115	2116	-0.004	15.716	0.007	-0.025	-0.099	-31.08	-1790.08	1982.16
	42116	2116	0.004	17.099	-0.001	-0.041	0.099	30.91	-1780.29	1971.35
	42116	2117	-0.004	-0.731	0.001	0.041	-0.089	69.315	3992.67	-4420.14
	42117	2117	0.004	0.731	-0.001	0.021	0.089	-69.315	3992.67	-4420.14
	42117	2118	-0.004	15.637	0.001	-0.021	-0.079	-14.471	-833.39	923
	42118	2118	0.004	16.263	-0.002	0.029	0.079	14.471	-833.38	922.99
	42118	2119	-0.004	0.104	0.002	-0.029	-0.061	76.351	4397.98	-4868.87
	42119	2119	0.004	-0.104	-0.002	-0.04	0.061	-76.351	4397.98	-4868.87
	42119	2120	-0.004	16.485	0.002	0.04	-0.043	-16.974	-977.57	1082.63
	42120	2120	0.005	17.459	-0.003	-0.001	0.043	16.78	-966.37	1070.26
	42120	2121	-0.005	0.131	0.003	0.001	-0.004	87.893	5062.81	-5604.91
	42121	2121	0.005	-0.131	-0.003	-0.001	0.004	-87.893	5062.81	-5604.91
	42121	2122	-0.005	17.721	0.003	0.001	0.034	-19.945	-1148.66	1272.07
	42122	2122	0.005	16.218	-0.003	0.005	-0.034	19.945	-1148.66	1272.07
	42122	2123	-0.005	0.163	0.003	-0.005	0.067	70.369	4053.39	-4487.34
	42123	2123	0.005	-0.163	-0.003	0.005	-0.067	-70.369	4053.39	-4487.34
	42123	2124	-0.005	16.529	0.003	-0.005	0.1	-23.441	-1350.05	1495.05
	42124	2124	0.005	15.504	0.005	0.036	-0.1	23.453	-1350.76	1495.82
	42124	2125	-0.005	0.862	-0.005	-0.036	0.046	58.836	3389.1	-3751.87
	42125	2125	0.005	-0.862	0.005	-0.017	-0.046	-58.836	3389.1	-3751.87
	42125	2126	-0.005	17.243	-0.005	0.017	-0.009	-43.01	-2477.23	2742.99
	42126	2126	0.005	14.981	-0.024	0.021	0.009	42.831	-2466.91	2731.58
	42126	2127	-0.005	5.214	0.024	-0.021	0.321	24.903	1434.61	-1587.96
	42127	2127	0.005	-5.214	-0.024	-0.002	-0.321	-24.903	1434.61	-1587.96
	42127	2128	-0.005	17.24	0.024	0.002	0.518	-67.833	-3907.02	4325.99
	42128	2128	0.003	14.867	0.045	0.008	-0.518	67.675	-3897.99	4315.82
	42128	2129	-0.003	2.226	-0.045	-0.008	-0.01	6.532	376.32	-416.45
	42129	2129	-0.005	2.124	0.141	0.006	-0.452	-8.811	507.34	-562.04
	42129	2130	0.005	17.189	-0.141	-0.006	-1.416	-91.074	-5246.01	5807.74
	42130	2130	0.01	17.342	-0.203	0.005	1.416	90.964	-5239.14	5801.23
	42130	2131	-0.01	0.864	0.203	-0.005	1.122	12.019	692.64	-766.1
	42131	2131	0.01	-0.864	-0.203	-0.005	-1.122	-12.019	692.64	-766.11
	42131	2132	-0.01	19.056	0.203	0.005	3.657	-112.384	-6472.98	7167.25
	42132	2132	-2.2	18.365	0.279	-0.011	-3.657	87.075	-5092.73	5475.69
	42132	2133	2.2	-4.528	-0.279	0.011	1.01	21.669	1170.93	-1459.07
	42133	2133	-2.201	4.528	0.277	0.004	-1.01	-21.669	1170.92	-1459.07
	42133	2134	2.201	6.759	-0.277	-0.004	-1.137	13.024	672.99	-907.79
42134	2134	-2.201	-6.759	0.277	0.004	1.137	-13.024	672.99	-907.79	
42134	2135	2.201	18.062	-0.277	-0.004	-3.287	-83.281	-4874.21	5233.76	
42135	2135	-2.197	18.148	-0.109	-0.008	3.287	83.444	-4883.48	5244.26	
42135	2136	2.197	-6.494	0.109	0.008	-2.417	15.14	794.96	-1042.58	
42136	2136	-2.197	6.494	-0.111	0.011	2.417	-15.14	794.96	-1042.58	
42136	2137	2.197	5.159	0.111	-0.011	-1.526	20.48	1102.58	-1383.15	
42137	2137	-2.197	-5.159	-0.109	-0.015	1.526	-20.48	1102.57	-1383.16	
42137	2138	2.197	16.813	0.109	0.015	-0.657	-67.423	-3960.65	4222.55	
42138	2138	-2.199	17.293	-0.011	-0.002	0.657	67.424	-3960.78	4222.57	
42138	2139	2.199	-8.553	0.011	0.002	-0.588	10.126	506.09	-722.9	
42139	2139	-2.199	8.553	-0.011	-0.002	0.588	-10.126	506.09	-722.9	
42139	2140	2.199	0.188	0.011	0.002	-0.519	35.225	1951.82	-2323.52	
42140	2140	-2.199	-0.188	-0.011	-0.002	0.519	-35.225	1951.82	-2323.52	
42140	2141	2.199	8.928	0.011	0.002	-0.45	7.874	376.4	-579.3	
42141	2141	-2.199	-8.928	-0.011	-0.002	0.45	-7.874	376.4	-579.3	
42141	2142	2.199	17.668	0.011	0.002	-0.381	-71.927	-4220.17	4509.76	
42142	2142	-2.199	17.015	-0.033	0.01	0.381	71.771	-4211.2	4499.81	
42142	2143	2.199	-5.376	0.033	-0.01	-0.115	17.697	942.21	-1205.75	
42143	2143	-2.199	5.376	-0.031	-0.013	0.115	-17.697	942.21	-1205.75	
42143	2144	2.199	6.278	0.031	0.013	0.129	14.091	734.47	-975.76	
42144	2144	-2.199	-6.278	-0.033	0.005	-0.129	-14.091	734.47	-975.76	
42144	2145	2.199	17.931	0.033	-0.005	0.395	-82.761	-4844.22	5200.65	
42145	2145	-2.204	17.059	-0.02	-0.005	-0.395	82.896	-4852.11	5209.04	
42145	2146	2.204	-5.77	0.02	0.005	0.547	5.58	244.06	-433.15	
42146	2146	-2.204	5.77	-0.02	-0.005	-0.547	-5.58	244.06	-433.15	
42146	2147	2.204	5.52	0.02	0.005	0.699	6.547	299.8	-494.86	
42147	2147	-2.204	-5.52	-0.022	0.001	-0.699	-6.547	299.8	-494.86	
42147	2148	2.204	19.359	0.022	-0.001	0.903	-111.648	-6508.24	7042.61	
42148	2148	-2.205	19.406	0.046	-0.012	-0.903	111.645	-6508.11	7042.39	
42148	2149	2.205	-1.197	-0.046	0.012	0.324	17.148	910.35	-1170.91	
42149	2149	-2.205	1.197	0.045	0.002	-0.324	-17.148	910.35	-1170.91	
42149	2150	2.205	16.997	-0.045	-0.002	-0.232	-81.536	-4773.85	5122.31	
42150	2150	-2.203	10.66	-0.066	-0.02	0.232	81.535	-4773.74	5122.33	
42150	2151	2.203	8.641	0.066	0.02	0.637	-68.153	-4002.92	4268.93	

SPAN 6 -- Cumulative Affects thru Day 85

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	42151	2151	-1.059	2.698	-0.005	-0.002	-0.077	-27.384	1540.17	-1783.51
	42151	2152	1.059	15.155	0.005	0.002	0.135	-45.812	-2675.95	2884.34
	42152	2152	-1.059	17.515	0	-0.013	-0.135	45.812	-2675.92	2884.3
	42152	2153	1.059	-4.979	0	0.013	0.132	46.991	2669.52	-3033.87
	42153	2153	-1.059	4.979	0	-0.012	-0.132	-46.991	2669.52	-3033.87
	42153	2154	1.059	15.897	0	0.012	0.127	-28.029	-1651.62	1750.26
	42154	2154	-1.059	17.328	0.001	-0.008	-0.127	28.029	-1651.63	1750.26
	42154	2155	-1.059	-0.614	-0.001	0.008	0.115	70.668	4033.31	-4543.78
	42155	2155	-1.059	0.614	0.001	-0.008	-0.115	-70.668	4033.31	-4543.78
	42155	2156	1.059	16.099	-0.001	0.008	0.103	-14.515	-873.25	888.49
	42156	2156	-1.059	15.588	0.002	-0.033	-0.103	14.515	-873.23	888.46
	42156	2157	1.059	-0.379	-0.002	0.033	0.08	65.415	3730.75	-4208.81
	42157	2157	-1.059	0.379	0.001	0.031	-0.08	-65.415	3730.75	-4208.81
	42157	2158	1.059	14.846	-0.001	-0.031	0.067	-7.076	-444.72	414.04
	42158	2158	-1.06	14.41	0.003	0.006	-0.067	6.889	-433.99	402.15
	42158	2159	1.06	0.799	-0.003	-0.006	0.041	61.245	3490.52	-3942.84
	42159	2159	-1.06	-0.799	0.003	0.006	-0.041	-61.245	3490.52	-3942.84
	42159	2160	1.06	16.009	-0.003	-0.006	0.016	-22.891	-1355.72	1422.64
	42160	2160	-1.06	15.639	0.001	0.012	-0.016	23.079	-1366.53	1434.59
	42160	2161	1.06	1.075	-0.001	-0.012	0.001	57.035	3248.02	-3674.37
	42161	2161	-1.06	-1.075	0.001	0.012	-0.001	-57.035	3248.02	-3674.37
	42161	2162	1.06	17.789	-0.001	-0.012	-0.013	-46.732	-2728.93	2942.97
	42162	2162	-1.06	15.636	0.008	0.022	0.013	46.733	-2728.98	2943.01
	42162	2163	1.06	5.256	-0.008	-0.022	-0.127	24.644	1382.3	-1608.76
	42163	2163	-1.06	-5.256	0.009	0.004	0.127	-24.644	1382.3	-1608.76
	42163	2164	1.06	17.776	-0.009	-0.004	-0.202	-70.264	-4084.41	4443.66
	42164	2164	-1.06	15.548	-0.009	0.01	0.202	70.264	-4084.38	4443.65
	42164	2165	1.06	2.305	0.009	-0.01	-0.1	7.547	397.55	-518.49
	42165	2165	-1.291	2.37	0.01	0.01	0.082	-9.312	491.07	-639.09
	42165	2166	1.291	18.299	-0.01	-0.01	-0.211	-96.231	-5588.2	6091.52
	42166	2166	-1.29	18.973	-0.008	0.002	0.211	96.232	-5588.21	6091.55
	42166	2167	1.29	0.526	0.008	-0.002	-0.116	19.079	1053.67	-1261.95
	42167	2167	-1.29	-0.526	-0.008	0.002	0.116	-19.079	1053.67	-1261.95
	42167	2168	1.29	20.025	0.008	-0.002	-0.021	-109.391	-6346.22	6930.78
	42168	2168	-1.285	20.636	0.003	-0.009	0.021	109.28	-6339.58	6923.84
	42168	2169	1.285	-5.832	-0.003	0.009	-0.051	16.329	895.48	-1086.4
42169	2169	-1.285	5.832	0.003	-0.007	0.051	-16.329	895.48	-1086.4	
42169	2170	1.285	6.257	-0.003	0.007	-0.074	14.68	800.5	-981.25	
42170	2170	-1.285	-6.257	0.001	0.012	0.074	-14.68	800.5	-981.25	
42170	2171	1.285	18.347	-0.001	-0.012	-0.084	-80.68	-4692.27	5100.03	
42171	2171	-1.287	19.124	-0.003	-0.012	0.084	80.824	-4700.63	5109.1	
42171	2172	1.287	-6.645	0.003	0.012	-0.058	22.27	1237.57	-1465.33	
42172	2172	-1.287	6.645	-0.005	0.016	0.058	-22.27	1237.57	-1465.33	
42172	2173	1.287	5.834	0.005	-0.016	-0.019	25.513	1424.39	-1672.17	
42173	2173	-1.287	-5.834	-0.003	-0.016	0.019	-25.513	1424.39	-1672.17	
42173	2174	1.287	18.314	0.003	0.016	0.007	-71.094	-4140.18	4488.6	
42174	2174	-1.288	18.67	-0.001	0	-0.007	70.931	-4130.81	4478.18	
42174	2175	1.288	-9.31	0.001	0	0.013	13.023	704.94	-875.69	
42175	2175	-1.288	9.31	-0.001	0	-0.013	-13.023	704.94	-875.69	
42175	2176	1.288	0.034	0.001	0	0.018	40.81	2305.5	-2647.73	
42176	2176	-1.288	-0.034	-0.001	-0.001	-0.018	-40.81	2305.5	-2647.73	
42176	2177	1.288	9.393	0.001	0.001	0.024	12.524	676.2	-843.87	
42177	2177	-1.288	-9.393	-0.001	-0.001	-0.024	-12.524	676.2	-843.87	
42177	2178	1.288	18.753	0.001	0.001	0.029	-71.929	-4188.3	4541.83	
42178	2178	-1.288	18.303	0.002	0.014	-0.029	72.093	-4197.73	4552.29	
42178	2179	1.288	-5.823	-0.002	-0.014	0.01	24.429	1361.91	-1603.03	
42179	2179	-1.288	5.823	0.004	-0.017	-0.01	-24.429	1361.91	-1603.03	
42179	2180	1.288	6.656	-0.004	0.017	-0.021	21.098	1170.05	-1390.61	
42180	2180	-1.288	-6.656	0.002	0.01	0.021	-21.098	1170.05	-1390.61	
42180	2181	1.288	19.135	-0.002	-0.01	-0.04	-82.086	-4773.34	5189.57	
42181	2181	-1.287	18.17	-0.005	-0.005	0.04	82.085	-4773.25	5189.48	
42181	2182	1.287	-6.08	0.005	0.005	-0.003	11.898	640.17	-803.95	
42182	2182	-1.287	6.08	-0.005	-0.005	0.003	-11.898	640.17	-803.95	
42182	2183	1.287	6.009	0.005	0.005	0.034	12.173	656	-821.47	
42183	2183	-1.287	-6.009	-0.006	0.006	-0.034	-12.173	656	-821.47	
42183	2184	1.287	20.813	0.006	-0.006	0.09	-115.122	-6676.2	7296.32	
42184	2184	-1.298	20.748	0	-0.015	-0.09	115.223	-6682.38	7302.39	
42184	2185	1.298	-1.249	0	0.015	0.084	22.276	1237.55	-1466.11	
42185	2185	-1.298	1.249	-0.001	0.003	-0.084	-22.276	1237.55	-1466.11	
42185	2186	1.298	18.25	0.001	-0.003	0.092	-84.002	-4884.07	5311.4	
42186	2186	-1.298	12.899	0.001	-0.027	-0.092	84.001	-4884.02	5311.34	
42186	2187	1.298	7.77	-0.001	0.027	0.086	-50.017	-2926.53	3144.12	

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	42187	2187	-0.723	3.185	0	0.001	0.002	-39.174	2231.07	-2523.54
	42187	2188	0.723	15.934	0	-0.001	-0.004	-35.74	-2084	2253.86
	42188	2188	-0.723	18.301	-0.003	-0.013	0.004	35.74	-2083.96	2253.82
	42188	2189	0.723	-4.894	0.003	0.013	0.016	59.84	3421.45	-3841.46
	42189	2189	-0.723	4.894	-0.002	-0.014	-0.016	-59.84	3421.45	-3841.46
	42189	2190	0.723	17.479	0.002	0.014	0.051	-26.699	-1563.24	1677.3
	42190	2190	-0.723	18.393	0	-0.009	-0.051	26.699	-1563.24	1677.31
	42190	2191	0.723	-0.494	0	0.009	0.048	77.194	4421	-4948.11
	42191	2191	-0.723	0.494	0	-0.009	-0.048	-77.194	4421	-4948.11
	42191	2192	0.723	17.404	0	0.009	0.045	-15.829	-937.12	984.1
	42192	2192	-0.723	16.65	0.002	0.032	-0.045	15.83	-937.18	984.17
	42192	2193	0.723	-0.232	-0.002	-0.032	0.028	69.35	3969.2	-4447.9
	42193	2193	-0.723	0.232	0.002	-0.037	-0.028	-69.35	3969.2	-4447.9
	42193	2194	0.723	16.186	-0.002	0.037	0.004	-11.154	-667.82	685.94
	42194	2194	-0.723	15.51	0	-0.027	-0.004	11.154	-667.83	685.95
	42194	2195	0.723	0.907	0	0.027	-0.001	62.53	3576.36	-4012.97
	42195	2195	-0.723	-0.907	0	0.035	0.001	-62.53	3576.36	-4012.97
	42195	2196	0.723	17.325	0	-0.035	0.001	-29.471	-1722.86	1854.03
	42196	2196	-0.723	16.746	0.001	0.01	-0.001	29.469	-1722.8	1853.96
	42196	2197	0.723	1.152	-0.001	-0.01	-0.01	56.311	3218.16	-3616.4
	42197	2197	-0.723	-1.152	0.001	0.011	0.01	-56.311	3218.16	-3616.4
	42197	2198	0.723	19.035	-0.001	-0.011	-0.02	-54.634	-3172.27	3458.73
42198	2198	-0.723	16.837	0.004	0.013	0.02	54.634	-3172.28	3458.73	
42198	2199	0.723	5.536	-0.004	-0.013	-0.079	23.069	1303.4	-1496.48	
42199	2199	-0.723	-5.536	0.004	0.013	0.079	-23.069	1303.4	-1496.48	
42199	2200	0.723	18.96	-0.004	-0.013	-0.114	-77.997	-4517.97	4948.61	
42200	2200	-0.723	16.809	0	0.013	0.114	77.998	-4518.03	4948.67	
42200	2201	0.723	2.31	0	-0.013	-0.109	7.204	389.58	-484.75	
42201	2201	-0.926	2.609	0.014	0.005	0.217	-11.364	622.1	-757.19	
42201	2202	0.926	19.777	-0.014	-0.005	-0.401	-102.309	-5925.48	6491.92	
42202	2202	-0.925	20.513	-0.011	0.01	0.401	102.311	-5925.56	6492.05	
42202	2203	0.925	0.621	0.011	-0.01	-0.263	22.036	1236.81	-1437.72	
42203	2203	-0.925	-0.621	-0.01	-0.008	0.263	-22.036	1236.81	-1437.72	
42203	2204	0.925	21.755	0.01	0.008	-0.134	-117.839	-6819.96	7482.27	
42204	2204	-0.926	22.351	0.014	0.01	0.134	117.842	-6820.2	7482.51	
42204	2205	0.926	-6.289	-0.014	-0.01	-0.266	18.223	1017.18	-1194.6	
42205	2205	-0.926	6.289	0.015	-0.006	0.266	-18.223	1017.18	-1194.6	
42205	2206	0.926	6.814	-0.015	0.006	-0.38	16.187	899.91	-1064.76	
42206	2206	-0.926	-6.814	0.015	-0.006	0.38	-16.187	899.91	-1064.76	
42206	2207	0.926	19.901	-0.015	0.006	-0.493	-87.216	-5056.14	5529.44	
42207	2207	-0.933	20.589	-0.052	0.005	0.493	87.365	-5064.97	5538.64	
42207	2208	0.933	-7.063	0.052	-0.005	-0.08	23.264	1307.27	-1516.34	
42208	2208	-0.933	7.063	-0.05	-0.024	0.08	-23.264	1307.26	-1516.34	
42208	2209	0.933	6.463	0.05	0.024	0.324	25.666	1445.64	-1669.54	
42209	2209	-0.933	-6.463	-0.052	0.008	-0.324	-25.666	1445.64	-1669.54	
42209	2210	0.933	19.989	0.052	-0.008	0.737	-80.158	-4649.84	5079.04	
42210	2210	-0.934	20.227	-0.013	-0.001	-0.737	80.158	-4649.88	5079.01	
42210	2211	0.934	-10.083	0.013	0.001	0.814	10.789	588.64	-720.79	
42211	2211	-0.934	10.083	-0.013	-0.001	-0.814	-10.789	588.64	-720.79	
42211	2212	0.934	0.062	0.013	0.001	0.89	40.858	2320.64	-2638.35	
42212	2212	-0.934	-0.062	-0.013	-0.001	-0.89	-40.858	2320.64	-2638.35	
42212	2213	0.934	10.206	0.013	0.001	0.967	10.05	546.1	-673.68	
42213	2213	-0.934	-10.206	-0.013	-0.001	-0.967	-10.05	546.1	-673.68	
42213	2214	0.934	20.351	0.013	0.001	1.044	-81.635	-4734.98	5173.22	
42214	2214	-0.94	19.958	0.048	-0.008	-1.044	81.448	-4724.4	5161.07	
42214	2215	0.94	-6.432	-0.048	0.008	0.659	24.129	1356.85	-1571.75	
42215	2215	-0.94	6.432	0.048	-0.008	-0.659	-24.129	1356.85	-1571.75	
42215	2216	0.94	7.077	-0.048	0.008	0.275	21.554	1208.54	-1407.55	
42216	2216	-0.94	-7.077	0.047	0.019	-0.275	-21.554	1208.54	-1407.55	
42216	2217	0.94	20.603	-0.047	-0.019	-0.101	-89.183	-5169.93	5654.33	
42217	2217	-0.945	19.646	-0.025	-0.013	0.101	89.331	-5178.61	5663.6	
42217	2218	0.945	-6.543	0.025	0.013	0.094	12.169	667.8	-809.21	
42218	2218	-0.945	6.543	-0.026	0.003	-0.094	-12.169	667.8	-809.21	
42218	2219	0.945	6.56	0.026	-0.003	0.298	12.106	664.15	-805.17	
42219	2219	-0.945	-6.56	-0.026	0.001	-0.298	-12.106	664.15	-805.17	
42219	2220	0.945	22.622	0.026	-0.001	0.547	-126.529	-7321.21	8035.77	
42220	2220	-0.912	22.566	0.102	0.007	-0.547	126.449	-7315.44	8031.82	
42220	2221	0.912	-1.452	-0.102	-0.007	-0.727	23.548	1324.36	-1533.66	
42221	2221	-0.912	1.452	0.103	-0.012	0.727	-23.548	1324.36	-1533.66	
42221	2222	0.912	19.679	-0.103	0.012	-2.012	-90.375	-5237.62	5731.38	
42222	2222	-0.91	14.549	-0.492	0.001	2.012	90.513	-5245.47	5740.17	
42222	2223	0.91	7.851	0.492	-0.001	4.51	-46.138	-2689.47	2910.31	

PIER 8 -- Cumulative Affects thru Day 47

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 9 -- Cumulative Affects thru Day 26	42223	2223	-0.12	2.741	-0.005	-0.02	-0.072	-31.109	1787.67	-1988.09
	42223	2224	0.12	17.962	0.005	0.02	0.126	-58.315	-3363.17	3714.64
	42224	2224	-0.12	21.527	0.016	-0.024	-0.126	58.49	-3373.24	3725.8
	42224	2225	0.12	-6.99	-0.016	0.024	-0.004	59.145	3402.53	-3775.94
	42225	2225	-0.12	6.99	0.016	0.002	0.004	-59.145	3402.53	-3775.94
	42225	2226	0.12	21.52	-0.016	-0.002	-0.26	-58.405	-3368.35	3720.39
	42226	2226	-0.119	21.908	-0.004	0.221	0.26	58.136	-3352.8	3703.24
	42226	2227	0.119	-0.393	0.004	-0.221	-0.205	78.016	4489.55	-4979.36
	42227	2227	-0.119	0.393	-0.004	-0.226	0.205	-78.016	4489.55	-4979.36
	42227	2228	0.119	21.122	0.004	0.226	-0.158	-48.548	-2800.51	3091.78
	42228	2228	-0.12	21.31	0.014	0.036	0.158	48.686	-2808.5	3100.57
	42228	2229	0.12	0.209	-0.014	-0.036	-0.333	80.167	4613.44	-5116.58
	42229	2229	-0.12	-0.209	0.014	-0.03	0.333	-80.167	4613.44	-5116.58
	42229	2230	0.12	21.727	-0.014	0.03	-0.508	-53.785	-3102.2	3425.74
	42230	2230	-0.119	21.05	-0.006	0.358	0.508	53.997	-3114.42	3439.27
	42230	2231	0.119	0.627	0.006	-0.358	-0.435	71.636	4122.06	-4572.54
	42231	2231	-0.12	-0.627	-0.005	-0.342	0.435	-71.636	4122.06	-4572.55
	42231	2232	0.12	22.292	0.005	0.342	-0.376	-69.264	-3993.82	4412.89
	42232	2232	-0.121	21.466	0.015	0.028	0.376	69.143	-3986.87	4405.1
	42232	2233	0.121	3.182	-0.015	-0.028	-0.582	58.74	3379.19	-3750.18
	42233	2233	-0.121	-3.182	0.015	-0.017	0.582	-58.74	3379.19	-3750.18
	42233	2234	0.121	21.395	-0.015	0.017	-0.735	-68.278	-3937.05	4349.95
	42234	2234	-0.118	16.991	-0.051	0.076	0.735	68.286	-3937.38	4350.54
	42234	2235	0.118	3.108	0.051	-0.076	-0.148	10.895	623.44	-698.94
	42235	2235	-0.076	0.061	-0.305	-0.094	2.529	-14.165	813.21	-905.97
	42235	2236	0.076	18.519	0.305	0.094	0.493	-77.41	-4461.5	4933.89
	42236	2236	-0.101	18.962	0.187	-0.013	-0.493	77.562	-4471.13	4942.69
	42236	2237	0.101	0.687	-0.187	0.013	-1.468	18.318	1051.57	-1171.73
	42237	2237	-0.101	-0.687	0.187	-0.001	1.468	-18.318	1051.56	-1171.73
	42237	2238	0.101	20.991	-0.187	0.001	-3.494	-99.206	-5717.85	6322.98
	42238	2238	-0.066	23.168	-0.174	0.135	3.494	99.181	-5715.13	6322.58
	42238	2239	0.066	-3.538	0.174	-0.135	-1.667	40.797	2347.6	-2604.02
42239	2239	-0.067	3.538	-0.174	-0.113	1.667	-40.797	2347.57	-2604.06	
42239	2240	0.067	22.7	0.174	0.113	0.768	-93.448	-5384.99	5956.99	
42240	2240	-0.102	20.781	-0.036	-0.012	-0.768	93.534	-5391.14	5961.2	
42240	2241	0.102	-3.235	0.036	0.012	1.11	18.979	1089.61	-1213.92	
42241	2241	-0.102	3.235	-0.037	0.002	-1.11	-18.979	1089.61	-1213.92	
42241	2242	0.102	15.961	0.037	-0.002	1.484	-46.25	-2667.57	2945.82	
42242	2242	-0.098	17.749	-0.072	0.006	-1.484	46.33	-2672.05	2951.11	
42242	2243	0.098	0.696	0.072	-0.006	2.19	37.655	2165.5	-2404.76	
42243	2243	-0.098	-0.696	-0.072	-0.011	-2.19	-37.655	2165.5	-2404.76	
42243	2244	0.098	19.011	0.072	0.011	2.89	-58.714	-3385.38	3740.86	
42244	2244	-0.103	19.06	0.016	0.116	-2.89	58.749	-3387.53	3742.87	
42244	2245	0.103	-1.955	-0.016	-0.116	2.742	37.23	2140.84	-2377.82	
42245	2245	-0.103	1.955	0.017	-0.101	-2.742	-37.23	2140.84	-2377.82	
42245	2246	0.103	17.675	-0.017	0.101	2.566	-45.17	-2605.41	2876.96	
42246	2246	-0.1	16.066	-0.027	0.005	-2.566	45.168	-2605.2	2876.96	
42246	2247	0.1	3.187	0.027	-0.005	2.842	21.044	1208.62	-1345.48	
42247	2247	-0.1	-3.187	-0.027	-0.003	-2.842	-21.044	1208.62	-1345.48	
42247	2248	0.1	20.694	0.027	0.003	3.093	-90.595	-5221.77	5773.88	
42248	2248	-0.15	22.298	0.264	0.291	-3.093	90.273	-5205.01	5751.57	
42248	2249	0.15	1.577	-0.264	-0.291	-0.274	41.821	2403.63	-2672.28	
42249	2249	-0.147	-1.577	0.266	-0.316	0.274	-41.821	2403.75	-2672.14	
42249	2250	0.147	23.564	-0.266	0.316	-3.401	-105.782	-6098.18	6740.72	
42250	2250	-0.15	21.483	-0.12	-0.007	3.401	105.799	-6099.29	6741.67	
42250	2251	0.15	4.586	0.12	0.007	-1.731	11.817	675.41	-758.89	
42251	2251	-0.15	-4.586	-0.12	0.001	1.731	-11.817	675.42	-758.89	
42251	2252	0.15	19.012	0.12	-0.001	-0.807	-79.08	-4560.3	5037.8	
42252	2252	-0.164	17.42	0.013	-0.005	0.807	78.996	-4555.89	5031.92	
42252	2253	0.164	1.502	-0.013	0.005	-0.938	1.43	76.64	-96.95	
42253	2253	-0.164	-1.502	0.014	-0.013	0.938	-1.43	76.64	-96.94	
42253	2254	0.164	24.312	-0.014	0.013	-1.109	-155.791	-8979.3	9929.27	

PIER 9 -- Cumulative Affects thru Day 33

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 10 -- Cumulative Affects thru Day 5	42254	2254	0.03	22.616	-0.103	-0.032	1.696	46.006	-2648.88	2934.89
	42254	2255	-0.03	-4.803	0.103	0.032	-0.767	77.564	4468.72	-4945.32
	42255	2255	0.03	4.803	-0.103	0.031	0.767	-77.564	4468.73	-4945.31
	42255	2256	-0.03	24.498	0.103	-0.031	0.762	-68.443	-3941.28	4365.76
	42256	2256	0.026	23.923	0.064	0.261	-0.762	68.489	-3944.07	4368.59
	42256	2257	-0.026	-1.815	-0.064	-0.261	0.048	75.468	4347.88	-4811.78
	42257	2257	0.027	1.815	0.064	-0.23	-0.048	-75.468	4347.9	-4811.77
	42257	2258	-0.027	21.623	-0.064	0.23	-0.708	-41.988	-2417.57	2678.57
	42258	2258	0.028	22.68	-0.002	-0.003	0.708	42.2	-2429.75	2692.12
	42258	2259	-0.028	0.237	0.002	0.003	-0.68	87.922	5065.28	-5605.94
	42259	2259	0.028	-0.237	-0.002	0.028	0.68	-87.922	5065.28	-5605.94
	42259	2260	-0.028	22.894	0.002	-0.028	-0.652	-44.674	-2572.26	2849.91
	42260	2260	0.028	22.26	0.006	0.541	0.652	44.588	-2567.31	2844.46
	42260	2261	-0.028	0.755	-0.006	-0.541	-0.723	80.627	4645.08	-5140.69
	42261	2261	0.028	-0.755	0.006	-0.524	0.723	-80.627	4645.09	-5140.7
	42261	2262	-0.028	23.291	-0.006	0.524	-0.788	-56.475	-3251.99	3602.49
	42262	2262	0.028	23.3	0.024	-0.005	0.788	56.381	-3246.56	3596.48
	42262	2263	-0.028	1.648	-0.024	0.005	-1.096	80.282	4625.25	-5118.74
	42263	2263	0.028	-1.648	0.024	0.03	1.096	-80.282	4625.25	-5118.74
	42263	2264	-0.028	24.899	-0.024	-0.03	-1.384	-75.883	-4369.87	4840.14
	42264	2264	0.02	23.309	-0.029	0.179	1.384	76.141	-4385.03	4856.37
	42264	2265	-0.02	1.946	0.029	-0.179	-1.008	60.356	3477.25	-3848.3
	42265	2265	0.02	-1.946	-0.03	-0.191	1.008	-60.356	3477.24	-3848.3
	42265	2266	-0.02	25.225	0.03	0.191	-0.659	-99.665	-5740.02	6356.52
	42266	2266	0.015	22.179	0.024	0.011	0.659	99.545	-5733.26	6348.66
	42266	2267	-0.015	-1.6	-0.024	-0.011	-0.907	24.262	1398.03	-1546.69
PIER 10 -- Cumulative Affects thru Day 19	42267	2267	0.054	6.839	5.2	-9.587	-47.852	124.411	-867.25	3141.55
	42267	2268	-0.054	11.787	-5.2	9.587	-1.154	-147.729	-1029.84	3730.32
	42268	2268	0.021	24.546	-0.074	-0.006	1.154	147.659	-8504.41	9417.14
	42268	2269	-0.021	-2.319	0.074	0.006	-0.337	1.05	61.19	-66.21
	42269	2269	0.02	2.319	-0.074	-0.021	0.337	-1.049	61.14	-66.24
	42269	2270	-0.02	24.252	0.074	0.021	0.644	-144.084	-8298.54	9189.12
	42270	2270	0.037	30.401	0.026	-0.022	-0.644	144.188	-8303.92	9196.39
	42270	2271	-0.037	-6.959	-0.026	0.022	0.336	73.918	4259	-4712.56
	42271	2271	0.037	6.959	0.026	-0.022	-0.336	-73.918	4259	-4712.56
	42271	2272	-0.037	18.578	-0.026	0.022	0	0.024	2.69	-0.22
	42372	2372	0.107	14.092	-0.136	-0.041	0	-0.033	5.66	1.67
	42372	2373	-0.107	4.367	0.136	0.041	1.685	60.108	3465.99	-3829.41
	42373	2373	0.108	-4.367	-0.136	0.016	-1.685	-60.108	3466	-3829.4
	42373	2374	-0.108	22.412	0.136	-0.016	3.332	-101.603	-5848.56	6483.14
	42374	2374	0.085	19.151	0.1	-0.008	-3.332	100.991	-5814.09	6443.35
	42374	2375	-0.085	-0.906	-0.1	0.008	2.106	21.464	1239.3	-1365.77
	42375	2375	0.085	0.906	0.1	0.001	-2.106	-21.464	1239.3	-1365.77
	42375	2376	-0.085	15	-0.1	-0.001	1.036	-53.557	-3081.89	3418.4
	42376	2376	0.085	15.31	0.138	0.16	-1.036	53.478	-3077.36	3413.35
	42376	2377	-0.085	1.461	-0.138	-0.16	-0.517	24.24	1399.17	-1542.82
	42377	2377	0.087	-1.461	0.137	-0.173	0.517	-24.239	1399.23	-1542.74
	42377	2378	-0.087	17.271	-0.137	0.173	-1.97	-74.86	-4308.92	4777
	42378	2378	0.091	18.145	-0.046	0.007	1.97	74.847	-4307.97	4776.29
	42378	2379	-0.091	1.26	0.046	-0.007	-1.367	34.796	2007.48	-2215.81
	42379	2379	0.091	-1.26	-0.046	-0.021	1.367	-34.796	2007.48	-2215.81
	42379	2380	-0.091	18.08	0.046	0.021	-0.843	-74.061	-4262.7	4726.18
	42380	2380	0.091	15.431	-0.088	0.005	0.843	74.095	-4264.66	4728.35
	42380	2381	-0.091	1.005	0.088	-0.005	0.121	5.249	305.53	-331.51
	42381	2381	0.091	-1.005	-0.088	-0.033	-0.121	-5.249	305.5	-331.53
	42381	2382	-0.091	15.713	0.088	0.033	0.991	-77.03	-4433.71	4915.47
	42382	2382	0.125	16.892	0.035	-0.023	-0.991	76.637	-4409.94	4891.64
	42382	2383	-0.125	1.754	-0.035	0.023	0.556	17.819	1030.72	-1131.95
42383	2383	0.125	-1.754	0.035	-0.014	-0.556	-17.819	1030.72	-1131.95	
42383	2384	-0.125	18.49	-0.035	0.014	0.165	-95.561	-5499.92	6098.4	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 11 -- Cumulative Affects thru Day 12	42384	2384	0.085	16.333	-0.001	-0.037	0.004	48.702	-2802.25	3108.75	
	42384	2385	-0.085	-0.172	0.001	0.037	0.001	41.307	2382.27	-2631.25	
	42385	2385	0.085	0.172	0	0.007	-0.001	-41.307	2382.27	-2631.25	
	42385	2386	-0.085	17.651	0	-0.007	0.007	-63.817	-3672.9	4072.7	
	42386	2386	0.084	18.712	-0.003	0.245	-0.007	63.71	-3666.75	4065.8	
	42386	2387	-0.084	-0.375	0.003	-0.245	0.04	54.388	3135.7	-3465.49	
	42387	2387	0.084	0.375	-0.003	-0.259	-0.04	-54.388	3135.7	-3465.48	
	42387	2388	-0.084	17.483	0.003	0.259	0.081	-48.702	-2802.28	3108.71	
	42388	2388	0.084	18.535	0.006	-0.028	-0.081	48.772	-2806.32	3113.2	
	42388	2389	-0.084	0.815	-0.006	0.028	0.009	66.928	3858.01	-4265.17	
	42389	2389	0.084	-0.815	0.006	0.046	-0.009	-66.928	3858.01	-4265.17	
	42389	2390	-0.084	17.652	-0.006	-0.046	-0.055	-37.987	-2185.14	2425.46	
	42390	2390	0.084	18.334	0	0.313	0.055	38.011	-2186.47	2426.93	
	42390	2391	-0.084	1.499	0	-0.313	-0.052	74.65	4302.78	-4757.6	
	42391	2391	0.084	-1.499	-0.001	-0.346	0.052	-74.65	4302.77	-4757.59	
	42391	2392	-0.084	17.866	0.001	0.346	-0.041	-32.294	-1857.19	2062.37	
	42392	2392	0.083	18.035	0.001	0.013	0.041	31.986	-1839.5	2042.71	
	42392	2393	-0.083	1.077	-0.001	-0.013	-0.056	77.38	4459.98	-4931.72	
	42393	2393	0.083	-1.077	0.001	0.031	0.056	-77.38	4459.98	-4931.72	
	42393	2394	-0.083	18.144	-0.001	-0.031	-0.069	-33.317	-1916.16	2127.58	
	42394	2394	0.081	18.061	0.01	0.423	0.069	33.641	-1934.89	2148.18	
	42394	2395	-0.081	-0.473	-0.01	-0.423	-0.183	76.359	4401.1	-4866.66	
	42395	2395	0.081	0.473	0.009	-0.35	0.183	-76.359	4401.12	-4866.68	
	42395	2396	-0.081	18.14	-0.009	0.35	-0.294	-34.6	-1990.11	2209.33	
	42396	2396	0.08	17.212	-0.043	0.037	0.294	34.429	-1980.31	2198.4	
	42396	2397	-0.08	0.775	0.043	-0.037	0.222	65.338	3766.28	-4163.9	
	42397	2397	0.08	-0.775	-0.043	0.018	-0.222	-65.338	3766.28	-4163.9	
	42397	2398	-0.08	18.979	0.043	-0.018	0.745	-56.002	-3222.93	3574.15	
	42398	2398	0.081	19.209	0.173	0.19	-0.745	55.986	-3221.95	3573.11	
	42398	2399	-0.081	-0.282	-0.173	-0.19	-1.459	68.499	3948.37	-4365.45	
	42399	2399	0.081	0.282	0.172	-0.139	1.459	-68.499	3948.4	-4365.43	
	42399	2400	-0.081	18.594	-0.172	0.139	-3.653	-48.134	-2769.64	3072.4	
	42400	2400	0.08	14.158	-0.249	0.03	3.653	48.229	-2775.16	3078.43	
	42400	2401	-0.08	7.586	0.249	-0.03	0	-0.01	2.25	3.44	
	PIER 10 -- Cumulative Affects thru Day 19	42572	2572	-0.026	14.195	-0.153	-0.017	0	-0.002	-0.78	-1.06
		42572	2573	0.026	4.283	0.153	0.017	1.896	61.293	3529.57	-3909.67
		42573	2573	-0.026	-4.283	-0.153	-0.002	-1.896	-61.293	3529.57	-3909.66
		42573	2574	0.026	22.2	0.153	0.002	3.734	-97.482	-5615.88	6215.66
		42574	2574	-0.005	18.878	0.148	-0.002	-3.734	97.953	-5642.27	6246.46
		42574	2575	0.005	-0.915	-0.148	0.002	1.949	21.019	1210.55	-1340.6
		42575	2575	-0.005	0.915	0.148	-0.01	-1.949	-21.019	1210.56	-1340.59
		42575	2576	0.005	14.832	-0.148	0.01	0.385	-52.319	-3013.74	3336.31
42576		2576	-0.002	15.328	0.089	0.163	-0.385	52.149	-3003.85	3325.52	
42576		2577	0.002	1.495	-0.089	-0.163	-0.619	25.725	1481.7	-1640.63	
42577		2577	-0.001	-1.495	0.089	-0.176	0.619	-25.725	1481.74	-1640.59	
42577		2578	0.001	17.568	-0.089	0.176	-1.579	-76.805	-4424.01	4897.91	
42578		2578	-0.009	18.072	-0.026	-0.021	1.579	76.816	-4424.92	4898.36	
42578		2579	0.009	1.145	0.026	0.021	-1.248	32.03	1844.62	-2042.91	
42579		2579	-0.009	-1.145	-0.026	0.01	1.248	-32.03	1844.62	-2042.91	
42579		2580	0.009	18.045	0.026	-0.01	-0.957	-76.492	-4406.24	4877.68	
42580		2580	-0.009	15.496	-0.102	-0.005	0.957	76.715	-4419.12	4891.94	
42580		2581	0.009	0.891	0.102	0.005	0.167	3.37	193.81	-215.23	
42581		2581	-0.01	-0.891	-0.102	-0.025	-0.167	-3.37	193.78	-215.25	
42581		2582	0.01	15.542	0.102	0.025	1.172	-77.199	-4447	4922.76	
42582		2582	-0.037	16.976	0.051	-0.016	-1.172	77.492	-4464.85	4940.47	
42582		2583	0.037	1.448	-0.051	0.016	0.539	18.24	1049.35	-1164.53	
42583		2583	-0.037	-1.448	0.051	-0.009	-0.539	-18.24	1049.35	-1164.53	
42583		2584	0.037	18.252	-0.051	0.009	-0.037	-92.537	-5331.42	5899.9	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM
									STRESS	STRESS
SPAN 11 - Cumulative Affects thru Day 12	42584	2584	-0.033	16.327	-0.001	-0.017	0.06	46.828	-2698.45	2985.15
	42584	2585	0.033	-0.221	0.001	0.017	-0.054	43.109	2481.96	-2750.3
	42585	2585	-0.033	0.221	-0.001	0	0.054	-43.109	2481.96	-2750.3
	42585	2586	0.033	17.551	0.001	0	-0.046	-60.811	-3503.84	3876.84
	42586	2586	-0.029	18.696	-0.006	0.273	0.046	61.139	-3522.64	3897.9
	42586	2587	0.029	-0.565	0.006	-0.273	0.023	56.696	3264.66	-3616.61
	42587	2587	-0.029	0.565	-0.005	-0.279	-0.023	-56.696	3264.66	-3616.61
	42587	2588	0.029	17.393	0.005	0.279	0.088	-45.277	-2608.96	2886.32
	42588	2588	-0.029	18.46	0.006	0.027	-0.088	45.362	-2613.86	2891.77
	42588	2589	0.029	0.727	-0.006	-0.027	0.009	69.449	3999.22	-4429.85
	42589	2589	-0.029	-0.727	0.006	-0.015	-0.009	-69.449	3999.22	-4429.85
	42589	2590	0.029	17.621	-0.006	0.015	-0.061	-35.147	-2025.49	2240.36
	42590	2590	-0.029	18.289	-0.001	0.289	0.061	35.074	-2021.28	2235.72
	42590	2591	0.029	1.432	0.001	-0.289	-0.051	77.102	4440.08	-4917.93
	42591	2591	-0.029	-1.432	-0.001	-0.314	0.051	-77.102	4440.08	-4917.92
	42591	2592	0.029	17.787	0.001	0.314	-0.045	-28.967	-1669.49	1846.24
	42592	2592	-0.028	17.914	0.004	0.046	0.045	29.489	-1699.51	1879.57
	42592	2593	0.028	0.961	-0.004	-0.046	-0.101	78.487	4519.88	-5006.2
	42593	2593	-0.028	-0.961	0.004	-0.006	0.101	-78.487	4519.88	-5006.2
	42593	2594	0.028	18.175	-0.004	0.006	-0.152	-32.67	-1882.77	2082.45
	42594	2594	-0.025	17.99	-0.008	0.48	0.152	31.987	-1843.32	2038.98
	42594	2595	0.025	-0.413	0.008	-0.48	-0.056	77.162	4443.68	-4921.63
	42595	2595	-0.025	0.413	-0.008	-0.407	0.056	-77.163	4443.7	-4921.66
	42595	2596	0.025	18.089	0.008	0.407	0.042	-33.198	-1913.08	2116.2
	42596	2596	-0.025	17.028	0.026	0.036	-0.042	33.176	-1911.83	2114.83
	42596	2597	0.025	0.935	-0.026	-0.036	-0.278	64.365	3706.53	-4105.5
	42597	2597	-0.025	-0.935	0.026	0.016	0.278	-64.365	3706.53	-4105.5
	42597	2598	0.025	19.053	-0.026	-0.016	-0.601	-57.83	-3331.85	3687
	42598	2598	-0.025	19.344	-0.072	0.214	0.601	57.552	-3315.86	3669.32
	42598	2599	0.025	-0.474	0.072	-0.214	0.314	68.641	3952.89	-4378.22
42599	2599	-0.025	0.474	-0.072	-0.169	-0.314	-68.642	3952.88	-4378.25	
42599	2600	0.025	18.348	0.072	0.169	1.225	-44.88	-2585.97	2861.19	
42600	2600	-0.023	12.356	0.108	0.013	-1.225	44.677	-2574.16	2848.3	
42600	2601	0.023	4.525	-0.108	-0.013	0	-0.069	-4.79	3.64	

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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 3 -- Cumulative Affects thru Day 127	43000	3000	4.029	442.563	-1.228	2.035	0	22.257	-11.22	30.33
	43000	3001	-4.029	-399.065	1.228	-2.035	18.315	6254.898	6550.82	-5127.46
	43001	3001	4.027	399.065	-1.233	-5.337	-18.315	-6254.9	6550.81	-5127.46
	43001	3002	-4.027	-368.748	1.233	5.337	31.13	10246.26	10723.32	-8407.07
	43002	3002	4.056	315.23	2.228	10.622	-31.13	-10246.4	10723.6	-8407.14
	43002	3003	-4.056	-279.769	-2.228	-10.622	4.031	13864.18	14505.52	-11379.8
	43003	3003	4.06	279.769	2.221	-13.439	-4.031	-13864.2	14505.53	-11379.7
	43003	3004	-4.06	-244.287	-2.221	13.439	-22.998	17052.5	17838.55	-13999.5
	43004	3004	4.042	204.373	0.18	7.61	22.998	-17052.8	17838.86	-13999.8
	43004	3005	-4.042	-168.898	-0.18	-7.61	-25.186	19323.33	20212.39	-15865.4
	43005	3005	4.043	168.898	0.176	-10.121	25.186	-19323.3	20212.39	-15865.4
	43005	3006	-4.043	-133.398	-0.176	10.121	-27.33	21163.41	22135.98	-17377.4
	43006	3006	4.041	93.485	-0.049	18.381	27.33	-21163.7	22136.31	-17377.7
	43006	3007	-4.041	-58.017	0.049	-18.381	-26.729	22085.08	23099.47	-18134.7
	43007	3007	4.041	58.017	-0.056	-19.873	26.729	-22085.1	23099.47	-18134.7
	43007	3008	-4.041	-22.528	0.056	19.873	-26.042	22575.2	23611.84	-18537.4
	43008	3008	4.046	-16.77	0.574	8.712	26.042	-22575.9	23612.56	-18538
	43008	3009	-4.046	52.252	-0.574	-8.712	-33.03	22155.95	23173.58	-18192.9
	43009	3009	4.047	-52.252	0.571	-9.367	33.03	-22155.9	23173.58	-18192.9
	43009	3010	-4.047	87.731	-0.571	9.367	-39.976	21304.38	22283.36	-17493.2
	43010	3010	4.04	-127.817	-0.227	16.214	39.976	-21304.7	22283.73	-17493.5
	43010	3011	-4.04	163.293	0.227	-16.214	-37.21	19534	20432.61	-16038.6
	43011	3011	4.04	-163.293	-0.234	-15.68	37.21	-19534	20432.61	-16038.6
	43011	3012	-4.04	198.761	0.234	15.68	-34.364	17332.13	18130.82	-14229.3
	43012	3012	4.043	-238.32	0.126	6.341	34.364	-17332.5	18131.21	-14229.6
	43012	3013	-4.043	273.81	-0.126	-6.341	-35.897	14215.99	14873.26	-11668.9
	43013	3013	4.043	-273.81	0.123	-5.263	35.897	-14216	14873.26	-11668.9
	43013	3014	-4.043	309.298	-0.123	5.263	-37.389	10667.88	11164.12	-8753.46
	43014	3014	4.043	-352.704	0.1	4.06	37.389	-10668.1	11164.32	-8753.62
	43014	3015	-4.043	400.689	-0.1	-4.06	-39.037	4469.354	4684.28	-3660.28
	43015	3015	8.601	-400.617	0.094	-2.75	39.009	-4466.85	5221.53	-5378.12
	43015	3016	-8.856	423.071	-0.094	2.75	-39.787	1072.482	1244.06	-1232.56
	43016	3016	19.791	-463.278	1.376	-1.083	47.881	-1951.44	2276.27	-2230.06
	43016	3017	-20.844	495.382	-1.376	1.083	-64.062	-3684.17	-3684.78	3962.31
	43017	3017	34.743	-494.602	1.371	1.488	64.272	3684.169	-3500.76	3845.96
	43017	3018	-37.11	533.453	-1.371	-1.488	-82.466	-10505.6	-8289.06	8760.67
43018	3018	56.258	-579.349	-0.003	-12.61	81.425	10505.64	-8235.62	8814.11	
43018	3019	-59.69	617.846	0.003	12.61	-81.392	-18017.4	-11144.3	11737.89	
43019	3019	76.737	-615.962	-0.01	13.609	84.345	18017.4	-11101.5	11780.67	
43019	3020	-81.531	656.916	0.01	-13.609	-84.22	-26024.9	-12261.4	12886.59	
43020	3020	-2424.01	206.277	-9.892	-5.123	241.386	5497.207	-13929.4	-1352.48	
43020	3021	2424.008	-179.721	9.892	5.123	-147.476	-3664.9	-11876.1	-3491.3	
43021	3021	-2424.02	179.721	-5.258	1.883	147.476	3664.898	-14585.9	-4762.24	
43021	3022	2424.022	-160.144	5.258	-1.883	-106.716	-2347.51	-12856.3	-6563.88	
43022	3022	-2424.02	160.144	-5.258	1.883	106.716	2347.506	-12856.3	-6563.88	
43022	3023	2424.022	-140.567	5.258	-1.883	-65.955	-1181.89	-11326	-8157.96	
43023	3023	-2424.07	94.114	-9.034	-0.327	65.955	1181.924	-11326.2	-8158.11	
43023	3024	2424.073	-73.906	9.034	0.327	6.338	-509.666	-10443.6	-9077.48	
43024	3024	-2424.07	73.906	-9.034	-0.327	-6.338	509.666	-10443.6	-9077.48	
43024	3025	2424.073	-53.698	9.034	0.327	78.631	0.886	-9773.33	-9775.7	
43025	3025	-2424.08	53.698	-6.328	-0.328	-78.631	-0.886	-9773.36	-9775.74	
43025	3026	2424.082	-33.518	6.328	0.328	129.197	349.366	-9315.85	-10252.3	
43026	3026	-2424.06	-11.937	-5.208	-0.148	-129.197	-349.442	-9315.68	-10252.3	
43026	3027	2424.064	27.091	5.208	0.148	160.451	232.338	-9469.42	-10092.2	
43027	3027	-2424.07	-27.091	-1.189	-0.533	-160.451	-232.337	-9469.44	-10092.2	
43027	3028	2424.069	42.243	1.189	0.533	167.585	24.331	-9742.53	-9807.75	
43028	3028	-2424.07	-42.243	-1.189	-0.533	-167.585	-24.331	-9742.53	-9807.75	
43028	3029	2424.069	57.395	1.189	0.533	174.719	-274.588	-10135	-9398.95	
43029	3029	-2424.07	-57.395	2.831	-0.078	-174.719	274.588	-10135	-9398.95	
43029	3030	2424.068	72.545	-2.831	0.078	157.733	-664.349	-10646.7	-8865.92	
43030	3030	-2424.07	-118.374	1.729	-2.762	-157.733	664.305	-10646.6	-8865.98	
43030	3031	2424.069	138.6	-1.729	2.762	143.883	-1693.36	-11997.7	-7458.66	
43031	3031	-2424.07	-138.6	4.446	-0.864	-143.883	1693.366	-11997.6	-7458.64	
43031	3032	2424.066	158.797	-4.446	0.864	108.32	-2882.68	-13559.1	-5832.16	
43032	3032	-2424.06	-158.797	7.463	2.723	-108.32	2882.674	-13559	-5832.14	
43032	3033	2424.058	178.993	-7.463	-2.723	48.637	-4233.35	-15332.3	-3984.97	
43033	3033	-2424.09	-227.041	4.037	-9.65	-48.637	4233.48	-15332.6	-3984.91	
43033	3034	2424.085	246.603	-4.037	9.65	17.366	-6068	-17741.1	-1476.05	
43034	3034	-2424.07	-246.603	10.562	6.685	-17.366	6068.003	-17741	-1475.97	
43034	3035	2424.066	266.186	-10.562	-6.685	-64.537	-8056.2	-20351.3	1243.05	
43035	3035	-2424.07	-266.186	9.174	2.071	64.537	8056.201	-16797.1	1634.37	
43035	3036	2424.071	292.766	-9.174	-2.071	-151.714	-10712	-19773.2	4734.41	
43036	3036	89.645	547.754	0.751	-12.334	-12.938	32711.15	-15440.1	16168.93	
43036	3037	-84.85	-506.823	-0.751	12.334	3.487	-26081.1	-16135.9	16987.29	
43037	3037	70.784	508.978	0.729	10.384	-5.844	26081.11	-16171.2	16951.98	
43037	3038	-67.352	-470.481	-0.729	-10.384	-3.31	-19936	-15738.3	16616.07	
43038	3038	51.655	431.665	-0.191	-4.198	4.483	19936.69	-15782.7	16572.85	
43038	3039	-49.288	-392.829	0.191	4.198	-1.952	-14468.4	-14012.8	14839.07	

SPAN 3 -- Cumulative Affects thru Day 127

PIER 3 -- Cumulative Affects thru Day 134

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	43039	3039	44.497	311.543	-0.598	1.075	16.094	2759.193	-2664.12	3063.02
	43039	3040	-43.456	-279.778	0.598	-1.075	-9.061	718.182	962.12	-696.33
	43040	3040	36.977	237.383	0.007	1.616	9.073	-718.191	939.85	-718.62
	43040	3041	-36.726	-215.34	-0.007	-1.616	-9.134	2586.257	3133.44	-3003.64
	43041	3041	34.278	215.743	-0.028	-1.14	9.152	-2586.26	4061.95	-3918.77
	43041	3042	-34.278	-177.422	0.028	1.14	-8.707	5733.804	8819.21	-8874.25
	43042	3042	34.279	135.786	0.074	2.681	8.707	-5733.95	8819.43	-8874.46
	43042	3043	-34.279	-107.177	-0.074	-2.681	-9.592	7186.091	11014.23	-11160.7
	43043	3043	34.279	107.177	0.045	-3.309	9.592	-7186.09	11014.23	-11160.7
	43043	3044	-34.279	-78.57	-0.045	3.309	-10.136	8296.187	12692.05	-12908.4
	43044	3044	34.28	40.077	0.089	7.334	10.136	-8296.37	12692.32	-12908.7
	43044	3045	-34.28	-11.472	-0.089	-7.334	-11.2	8604.419	13157.92	-13393.7
	43045	3045	34.28	11.472	0.03	-7.606	11.2	-8604.42	13157.92	-13393.7
	43045	3046	-34.28	17.153	-0.03	7.606	-11.554	8570.445	13106.57	-13340.2
	43046	3046	34.28	-55.243	-0.058	0.321	11.554	-8570.63	13106.85	-13340.5
	43046	3047	-34.28	83.84	0.058	-0.321	-10.855	7739.706	11850.98	-12032.3
	43047	3047	34.28	-83.84	-0.061	-0.199	10.855	-7739.71	11850.98	-12032.3
	43047	3048	-34.28	112.461	0.061	0.199	-10.129	6565.964	10076.96	-10184.4
	43048	3048	34.281	-151.141	0.059	0.096	10.129	-6566.13	10077.22	-10184.6
	43048	3049	-34.281	179.756	-0.059	-0.096	-10.83	4587.994	7087.42	-7070.27
	43049	3049	34.281	-179.756	0.061	0.395	10.83	-4587.99	7087.42	-7070.27
	43049	3050	-34.281	208.348	-0.061	-0.395	-11.558	2269.8	3583.66	-3420.52
	43050	3050	34.279	-249.871	-0.231	0.109	11.558	-2269.83	3583.69	-3420.57
	43050	3051	-34.279	288.155	0.231	-0.109	-7.864	-2033.26	-2920.08	3354.19
	43051	3051	37.55	-287.747	-0.249	1.087	7.877	2033.264	-2623.42	3066.64
	43051	3052	-37.781	308.101	0.249	-1.087	-5.823	-4492.23	-5825.88	6411.71
	43052	3052	45.804	-350.931	0.726	-1.69	5.758	4492.219	-5792.75	6444.8
	43052	3053	-46.764	380.2	-0.726	1.69	-14.292	-8790.03	-10367.8	11181.5
	43053	3053	59.536	-382.966	0.55	3.947	21.102	9160.559	-8519.47	9208.24
	43053	3054	-61.831	420.506	-0.55	-3.947	-28.4	-14489.8	-11124.4	11821.63
	43054	3054	77.62	-463.44	0.551	-14.975	26.88	14489.7	-11079.6	11866.38
	43054	3055	-80.937	500.558	-0.551	14.975	-33.792	-20537.5	-12446.4	13172.25
	43055	3055	94.737	-498.13	0.493	16.65	37.184	20537.48	-12410.9	13207.7
	43055	3056	-99.355	537.5	-0.493	-16.65	-43.392	-27052	-12582	13282.88
	43056	3056	-2205.97	249.058	-8.047	-4.263	154.838	7942.983	-15719.8	1852.01
43056	3057	2205.972	-223.303	8.047	4.263	-78.369	-5698.73	-13288.9	-681.87	
43057	3057	-2205.98	223.303	-5.204	3.182	78.369	5656.638	-13702.4	-844.87	
43057	3058	2205.981	-202.764	5.204	-3.182	-38.054	-4006.17	-11878.8	-2772.86	
43058	3058	-2205.98	202.764	-5.204	3.182	38.054	4006.168	-11878.8	-2772.86	
43058	3059	2205.981	-182.225	5.204	-3.182	2.262	-2514.82	-10231.1	-4514.97	
43059	3059	-2206.01	137.246	-8.123	-1.017	-2.262	2514.846	-10231.3	-4515.04	
43059	3060	2206.012	-116.018	8.123	1.017	67.306	-1500.83	-9110.93	-5699.56	
43060	3060	-2206.02	116.018	-5.553	0.731	-67.306	1500.832	-9110.96	-5699.58	
43060	3061	2206.02	-94.818	5.553	-0.731	111.712	-657.811	-8179.55	-6684.35	
43061	3061	-2206.02	94.818	-5.553	0.731	-111.712	657.811	-8179.55	-6684.35	
43061	3062	2206.02	-73.618	5.553	-0.731	156.119	15.675	-7435.45	-7471.08	
43062	3062	-2206.01	30.194	-0.203	0.229	-156.119	-15.715	-7435.38	-7471.1	
43062	3063	2206.012	-14.282	0.203	-0.229	157.34	149.189	-7287.91	-7627.02	
43063	3063	-2206.01	14.282	-0.203	0.229	-157.34	-149.189	-7287.91	-7627.02	
43063	3064	2206.012	1.629	0.203	-0.229	158.562	187.163	-7245.96	-7671.38	
43064	3064	-2206.01	-1.629	-0.203	0.229	-158.562	-187.163	-7245.96	-7671.38	
43064	3065	2206.012	17.54	0.203	-0.229	159.783	129.635	-7309.52	-7604.18	
43065	3065	-2206.01	-17.54	3.238	0.027	-159.783	-129.635	-7309.51	-7604.17	
43065	3066	2206.01	33.424	-3.238	-0.027	140.383	-23.04	-7478.19	-7425.82	
43066	3066	-2206	-76.878	4.733	-1.063	-140.383	22.978	-7478.1	-7425.87	
43066	3067	2206.002	98.099	-4.733	1.063	102.499	-723.327	-8251.87	-6607.76	
43067	3067	-2206	-98.099	4.733	-1.063	-102.499	723.327	-8251.87	-6607.76	
43067	3068	2206.002	119.321	-4.733	1.063	64.615	-1593.55	-9213.34	-5591.21	
43068	3068	-2205.98	-119.321	10.073	2.795	-64.615	1593.55	-9213.28	-5591.15	
43068	3069	2205.984	140.512	-10.073	-2.795	-15.904	-2632.08	-10360.7	-4378	
43069	3069	-2206.05	-185.328	4.397	-6.425	15.904	2632.144	-10361	-4378.15	
43069	3070	2206.051	205.883	-4.397	6.425	-49.999	-4148.8	-12036.7	-2606.47	
43070	3070	-2206.04	-205.883	7.072	-1.394	49.999	4148.809	-12036.7	-2606.45	
43070	3071	2206.044	226.41	-7.072	1.394	-104.761	-5822.45	-13885.8	-651.39	
43071	3071	-2206.03	-226.41	9.959	6.414	104.761	5864.548	-13468.7	-494.85	
43071	3072	2206.033	252.174	-9.959	-6.414	-199.423	-8139.11	-15932.4	2073.24	
43072	3072	93.844	530.574	-0.04	-8.081	27.304	27267.55	-12696.7	13374.3	
43072	3073	-89.226	-491.207	0.04	8.081	-26.803	-20840.5	-12611.8	13384.83	
43073	3073	75.626	493.484	-0.065	7.764	25.088	20840.52	-12646.7	13349.89	
43073	3074	-72.309	-456.374	0.065	-7.764	-24.273	-14882.7	-11401.2	12167.21	
43074	3074	57.171	421.086	-0.484	-0.684	24.956	14883.29	-11444.6	12124.72	
43074	3075	-54.877	-383.534	0.484	0.684	-18.533	-9544.79	-8898.77	9572.5	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	43075	3075	38.844	303.745	-0.981	-2.128	13.169	-2996.18	3751.82	-3593.51
	43075	3076	-37.916	-275.422	0.981	2.128	-1.628	6401.851	8681.12	-8758.59
	43076	3076	31.608	237.832	0.603	8.322	1.463	-6402	8655.28	-8784.83
	43076	3077	-31.384	-218.178	-0.603	-8.322	-6.432	8281.105	11452.69	-11721.9
	43077	3077	28.901	218.521	0.545	-8.169	6.526	-8289.51	10230.12	-9187.76
	43077	3078	-28.901	-181.734	-0.545	8.169	-14.456	11201.04	13786.33	-12451.7
	43078	3078	28.896	143.491	-0.117	-0.381	14.456	-11201.3	13786.66	-12452
	43078	3079	-28.896	-115.087	0.117	0.381	-13.142	12653.63	15560.55	-14080.1
	43079	3079	28.896	115.087	-0.117	-0.381	13.142	-12653.6	15560.55	-14080.1
	43079	3080	-28.896	-86.684	0.117	0.381	-11.827	13786.88	16944.72	-15350.5
	43080	3080	28.895	53.01	-0.153	5.841	11.827	-13787.1	16945	-15350.8
	43080	3081	-28.895	-24.584	0.153	-5.841	-10.111	14223.26	17477.73	-15839.7
	43081	3081	28.895	24.584	-0.177	-6.223	10.111	-14223.3	17477.73	-15839.7
	43081	3082	-28.895	3.816	0.177	6.223	-8.121	14339.89	17620.18	-15970.5
	43082	3082	28.898	-39.924	0.058	5.964	8.121	-14340.1	17620.49	-15970.8
	43082	3083	-28.898	70.448	-0.058	-5.964	-8.827	13673.94	16806.79	-15223.9
	43083	3083	28.898	-70.448	0.033	-5.84	8.827	-13673.9	16806.79	-15223.9
	43083	3084	-28.898	100.997	-0.033	5.84	-9.231	12638.31	15541.84	-14062.9
	43084	3084	28.898	-137.158	0.025	5.427	9.231	-12638.5	15542.11	-14063.2
	43084	3085	-28.898	165.553	-0.025	-5.427	-9.515	10938.83	13466.06	-12157.8
	43085	3085	28.898	-165.553	-0.001	-4.705	9.515	-10938.8	13466.06	-12157.8
	43085	3086	-28.898	193.973	0.001	4.705	-9.498	8918.398	10998.25	-9892.78
	43086	3086	28.898	-228.655	-0.105	3.181	9.498	-8918.63	10998.52	-9893.04
	43086	3087	-28.898	257.073	0.105	-3.181	-8.322	6189.171	7664.7	-6833.21
	43087	3087	28.897	-257.073	-0.129	-2.111	8.322	-6189.17	7664.7	-6833.21
	43087	3088	-28.897	285.465	0.129	2.111	-6.869	3143.301	3944.39	-3418.68
	43088	3088	28.898	-322.2	-0.125	-0.028	6.869	-3143.35	3944.45	-3418.73
	43088	3089	-28.898	357.574	0.125	0.028	-5.123	-1611.56	-1863.32	1911.7
	43089	3089	32.956	-357.223	-0.149	1.296	5.138	1619.966	-1734.25	2082.87
	43089	3090	-33.192	378.033	0.149	-1.296	-3.91	-4655.04	-5076.34	5609.31
	43090	3090	42.56	-415.982	0.124	-4.374	3.754	4655.024	-5042.17	5643.44
	43090	3091	-43.541	445.881	-0.124	4.374	-5.212	-9719.52	-9665.52	10475.06
	43091	3091	58.039	-448.202	-0.119	4.43	9.423	10008.6	-9220.48	10011.69
	43091	3092	-60.29	485.129	0.119	-4.43	-7.839	-16200.6	-12321.2	13153.38
	43092	3092	77.794	-527.451	0.763	-8.212	6.853	16200.58	-12271.8	13202.72
	43092	3093	-81.051	563.995	-0.763	8.212	-16.433	-23050.6	-13841.3	14712.72
	43093	3093	96.641	-561.534	0.739	9.062	18.275	23050.62	-13801.5	14752.57
	43093	3094	-101.181	600.305	-0.739	-9.062	-27.575	-30356.8	-13996.2	14833.54
	43094	3094	2406.03	-226.753	-4.016	-7.796	11.004	8313.58	-16611.2	1651.5
	43094	3095	-2406.028	201.437	4.016	7.796	-27.162	-6278.73	-14433	-640.24
	43095	3095	2406.03	-201.437	1.039	5.394	-27.162	6278.73	-14681.9	-1313.4
	43095	3096	-2406.032	181.405	-1.039	-5.394	19.118	-4796.53	-13147.9	-2935.27
	43096	3096	2406.03	-181.405	1.127	5.57	-19.118	4796.531	-13147.9	-2935.27
43096	3097	-2406.032	161.347	-1.127	-5.57	10.38	-3467.83	-11772.8	-4389.17	
43097	3097	2406.06	-118.091	-2.967	-2.296	-10.38	3467.883	-11772.9	-4389.22	
43097	3098	-2406.062	97.387	2.967	2.296	34.129	-2605.65	-10880.6	-5332.7	
43098	3098	2406.06	-97.387	-0.041	0.874	-34.129	2605.646	-10880.6	-5332.71	
43098	3099	-2406.064	76.708	0.041	-0.874	34.456	-1909.9	-10160.5	-6094.02	
43099	3099	2406.06	-76.708	0.038	0.936	-34.456	1909.897	-10160.5	-6094.02	
43099	3100	-2406.064	56.004	-0.038	-0.936	34.152	-1378.86	-9610.93	-6675.09	
43100	3100	2406.02	13.997	8.773	5.072	-34.152	1378.831	-9610.73	-6674.97	
43100	3101	-2406.016	1.531	-8.773	-5.072	-18.504	-1341.42	-9572.01	-6715.9	
43101	3101	2406.02	-1.531	8.773	5.072	18.504	1341.421	-9572.01	-6715.9	
43101	3102	-2406.016	17.058	-8.773	-5.072	-71.161	-1397.21	-9629.75	-6654.86	
43102	3102	2406.01	-17.058	-11.393	-6.639	71.161	1397.199	-9629.7	-6654.83	
43102	3103	-2406.005	32.564	11.393	6.639	-2.876	-1545.9	-9783.6	-6492.12	
43103	3103	2406.02	-32.564	-7.254	-3.98	2.876	1545.909	-9783.66	-6492.16	
43103	3104	-2406.021	48.094	7.254	3.98	-40.669	-1788	-10034.2	-6227.25	
43104	3104	2406.02	-48.094	-7.254	-3.98	40.669	1788.007	-10034.2	-6227.24	
43104	3105	-2406.016	110.793	1.567	2.211	53.215	-2591.92	-10866.2	-5347.58	
43105	3105	2406.02	-110.793	1.347	0.928	-53.215	2591.915	-10866.2	-5347.57	
43105	3106	-2406.017	131.473	-1.347	-0.928	42.448	-3560.21	-11868.3	-4288.04	
43106	3106	2406.02	-131.473	1.437	1.062	-42.448	3560.206	-11868.3	-4288.04	
43106	3107	-2406.017	152.18	-1.437	-1.062	30.945	-4695.33	-13043.1	-3045.96	
43107	3107	2406.03	-152.18	1.347	0.325	-30.945	4695.387	-13043.2	-3045.94	
43107	3108	-2406.03	215.451	-0.325	3.521	28.426	-6288.05	-14691.5	-1303.2	
43108	3108	2406.03	-215.451	0.237	-3.752	-28.426	6288.048	-14691.5	-1303.2	
43108	3109	-2406.03	235.483	-0.237	3.752	26.594	-8033.87	-16498.3	607.13	
43109	3109	2406.03	-235.483	2.774	4.72	-26.594	8033.869	-16311.8	1336.48	
43109	3110	-2406.029	260.797	-2.774	-4.72	0.232	-10392.1	-18836.3	3992.4	
43110	3110	106.724	557.31	-0.499	-21.706	26.004	32893.22	-15172.3	16066.33	
43110	3111	-102.184	-518.545	0.499	21.706	-19.723	-26128.9	-15663.4	16703.87	
43111	3111	87.783	521.176	-0.566	19.919	15.356	26128.91	-15700.2	16667.06	
43111	3112	-84.526	-484.639	0.566	-19.919	-8.25	-19817.7	-15041.7	16120.54	
43112	3112	68.631	449.606	-0.128	-3.74	10.233	19818.19	-15086.9	16076.06	
43112	3113	-66.381	-412.663	0.128	3.74	-8.537	-14095.2	-13032.1	14052.66	

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	43113	3113	49.583	331.787	-0.499	0.404	19.985	1485.826	-1326.15	1752.74
	43113	3114	-48.612	-302.199	0.499	-0.404	-14.122	2238.143	2676.11	-2461.55
	43114	3114	41.681	264.238	-0.311	-0.474	14.134	-2238.2	2650.9	-2486.89
	43114	3115	-41.447	-243.648	0.311	0.474	-11.569	4333.757	5116	-5095.62
	43115	3115	38.676	244.103	-0.308	-0.332	11.563	-4344.88	6568.72	-5698.45
	43115	3116	-38.676	-209.957	0.308	0.332	-7.101	7637.519	11424.53	-10139
	43116	3116	38.676	173.605	0.043	7.974	7.101	-7637.49	11424.47	-10138.9
	43116	3117	-38.676	-147.137	-0.043	-7.974	-7.586	9440.371	14083.26	-12570.4
	43117	3117	38.676	147.137	-0.025	-8.676	7.586	-9440.37	14083.26	-12570.4
	43117	3118	-38.676	-120.693	0.025	8.676	-7.304	10944.45	16301.39	-14598.8
	43118	3118	38.675	87.355	-0.028	10.291	7.304	-10944.5	16301.48	-14598.9
	43118	3119	-38.675	-60.911	0.028	-10.291	-6.988	11777.15	17529.41	-15721.8
	43119	3119	38.675	60.911	-0.097	-10.678	6.988	-11777.1	17529.41	-15721.8
	43119	3120	-38.675	-34.468	0.097	10.678	-5.898	12312.77	18319.31	-16444.1
	43120	3120	38.675	-0.385	-0.182	4.99	5.898	-12312.7	18319.21	-16444
	43120	3121	-38.675	28.806	0.182	-4.99	-3.705	12136.52	18059.38	-16206.4
	43121	3121	38.675	-28.806	-0.214	-5.063	3.705	-12136.5	18059.38	-16206.4
	43121	3122	-38.675	57.226	0.214	5.063	-1.124	11617.27	17293.62	-15506.2
	43122	3122	38.674	-92.469	-0.101	4.839	1.124	-11617.3	17293.62	-15506.2
	43122	3123	-38.674	118.911	0.101	-4.839	0.01	10430.29	15543.13	-13905.4
	43123	3123	38.674	-118.911	-0.136	-4.547	-0.01	-10430.3	15543.13	-13905.4
	43123	3124	-38.674	145.376	0.136	4.547	1.537	8944.916	13352.59	-11902.2
	43124	3124	38.674	-179.558	-0.194	6.319	-1.537	-8944.92	13352.59	-11902.2
	43124	3125	-38.674	205.999	0.194	-6.319	3.715	6779.915	10159.77	-8982.4
	43125	3125	38.674	-205.999	-0.263	-5.755	-3.715	-6779.92	10159.77	-8982.41
	43125	3126	-38.674	232.44	0.263	5.755	6.666	4318	6529.08	-5662.21
	43126	3126	38.674	-269.436	-0.019	0.444	-6.666	-4317.98	6529.05	-5662.19
	43126	3127	-38.674	301.952	0.019	-0.444	6.924	372.447	710.4	-341.15
	43127	3127	42.102	-301.493	-0.064	0.102	-6.923	-361.329	734.07	-380.92
	43127	3128	-42.317	320.397	0.064	-0.102	7.453	-2204.12	-3055.82	3561.84
	43128	3128	50.536	-360.935	-0.249	-4.687	-7.612	2204.043	-3019.39	3598.03
	43128	3129	-51.428	388.145	0.249	4.687	10.542	-6606.86	-8527.39	9289.58
	43129	3129	66.652	-391.762	0.487	9.514	-9.241	7041.876	-7034.09	7804.41
	43129	3130	-68.831	427.532	-0.487	-9.514	2.776	-12478.1	-10306.5	11132.13
	43130	3130	84.747	-469.758	-0.845	-5.85	-3.884	12478.04	-10258.8	11179.63
	43130	3131	-87.906	505.187	0.845	5.85	14.483	-18593.6	-12088.6	12963.21
	43131	3131	105.89	-501.725	-0.874	7.358	-13.093	18593.59	-12040.1	13011.66
	43131	3132	-110.302	536.939	0.874	-7.358	23.38	-24704.5	-12262.6	13120.27
43132	3132	2172.96	-208.807	26.488	15.115	-325.805	6218.245	-14758	255.76	
43132	3133	-2172.959	182.276	-26.488	-15.115	52.978	-4204.17	-12388.2	-2237.41	
43133	3133	2172.99	-182.276	23.684	9.69	-52.978	4204.187	-14802.1	-3036.73	
43133	3134	-2172.991	164.025	-23.684	-9.69	-130.575	-2862.27	-12967.4	-4957.4	
43134	3134	2173.12	-164.025	-1.442	-23.404	130.575	2862.191	-12967.9	-4958.05	
43134	3135	-2173.12	145.702	1.442	23.404	-119.356	-1657.25	-11320.5	-6682.66	
43135	3135	2173.2	-104.249	-2.825	-0.268	119.356	1657.69	-11321.4	-6682.37	
43135	3136	-2173.2	85.407	2.825	0.268	-96.752	-898.964	-10284.1	-7768.33	
43136	3136	2173.2	-85.407	-2.825	-0.268	96.752	898.964	-10284.1	-7768.33	
43136	3137	-2173.2	66.565	2.825	0.268	-74.148	-290.993	-9452.85	-8638.51	
43137	3137	2173.2	-66.565	-0.15	0.09	74.148	290.993	-9452.86	-8638.51	
43137	3138	-2173.202	47.747	0.15	-0.09	-72.949	165.738	-8828.41	-9292.23	
43138	3138	2173.2	-47.747	-0.15	0.09	72.949	-165.806	-8828.32	-9292.33	
43138	3139	-2173.203	6.275	3.226	-0.017	-53.588	170.553	-8821.83	-9299.12	
43139	3139	2173.2	-6.275	-3.226	0.017	53.588	-170.553	-8821.83	-9299.12	
43139	3140	-2173.203	20.406	3.226	-0.017	-34.227	90.5	-8931.28	-9184.55	
43140	3140	2173.21	-20.406	0.395	-0.134	34.227	-90.499	-8931.29	-9184.55	
43140	3141	-2173.206	34.537	-0.395	0.134	-36.596	-74.349	-9156.67	-8948.61	
43141	3141	2173.2	-34.537	-3.226	-0.258	36.596	74.349	-9156.66	-8948.6	
43141	3142	-2173.203	48.669	3.226	0.258	-17.235	-324.002	-9497.99	-8591.27	
43142	3142	2173.2	-48.669	-2.311	-0.124	17.235	323.938	-9497.91	-8591.37	
43142	3143	-2173.204	108.418	2.311	0.124	1.253	-1116.02	-10580.8	-7457.67	
43143	3143	2173.21	-108.418	0.405	1.271	-1.253	1116.021	-10580.9	-7457.68	
43143	3144	-2173.205	127.26	-0.405	-1.271	-1.988	-2058.84	-11869.9	-6108.23	
43144	3144	2173.2	-127.26	-2.311	-1.302	1.988	2058.839	-11869.9	-6108.23	
43144	3145	-2173.204	146.102	2.311	1.302	16.501	-3152.43	-13365	-4542.99	
43145	3145	2173.18	-146.102	-2.636	1.919	-16.501	3152.44	-13364.9	-4542.85	
43145	3146	-2173.176	208.462	2.636	-1.919	36.932	-4697.48	-15477.3	-2331.47	
43146	3146	2173.17	-208.462	-5.439	-4.14	-36.932	4697.473	-15477.3	-2331.45	
43146	3147	-2173.171	226.715	5.439	4.14	79.093	-6384.02	-17783.1	82.49	
43147	3147	2173.18	-226.715	-3.3	2.145	-79.093	6384.021	-14953.8	460.23	
43147	3148	-2173.176	251.188	3.3	-2.145	110.447	-8654.35	-17625	3270.6	
43148	3148	2173.176	-251.188	-0.03	-0.684	-5.084	28132.26	-13992.5	14912.27	
43148	3149	-109.254	-455.01	0.03	0.684	5.466	-22175.4	-14405.4	15472.32	
43149	3149	96.607	457.862	-0.031	-0.249	-5.508	22175.44	-14439.5	15438.25	
43149	3150	-93.448	-422.429	0.031	0.249	5.897	-16653.1	-13750.1	14861.52	
43150	3150	79.249	386.808	-1.04	-0.346	-5.886	16653.09	-13792.5	14819.04	
43150	3151	-77.07	-351.034	1.04	0.346	19.693	-11756.9	-11855	12918.82	

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	43151	3151	61.669	259.26	-0.162	-0.261	-4.51	-282.179	635.4	-125.57
	43151	3152	-60.752	-231.303	0.162	0.261	6.418	3165.713	4926.02	-4578.72
	43152	3152	55.31	191.28	0.112	-1.087	-6.411	-3165.71	4901.96	-4602.76
	43152	3153	-55.089	-171.853	-0.112	1.087	5.487	4663.861	7294.98	-7096.83
	43153	3153	53.133	172.468	0.125	0.161	-5.499	-4663.86	8126.52	-7902.59
	43153	3154	-53.133	-141.114	-0.125	-0.161	3.776	6818.442	11762.75	-11671.4
	43154	3154	53.133	102.999	0.135	3.426	-3.776	-6818.43	11762.73	-11671.4
	43154	3155	-53.133	-77.898	-0.135	-3.426	2.295	7813.496	13442.08	-13411.9
	43155	3155	53.133	77.898	0.086	-3.675	-2.295	-7813.5	13442.08	-13411.9
	43155	3156	-53.133	-52.796	-0.086	3.675	1.347	8532.396	14655.35	-14669.4
	43156	3156	53.133	18.61	0.143	-0.006	-1.347	-8532.41	14655.37	-14669.5
	43156	3157	-53.133	4.233	-0.143	0.006	-0.088	8604.378	14776.82	-14795.4
	43157	3157	53.133	-4.233	0.143	-0.006	0.088	-8604.38	14776.82	-14795.4
	43157	3158	-53.133	27.075	-0.143	0.006	-1.522	8447.662	14512.34	-14521.2
	43158	3158	53.135	-58.072	0.028	0.185	1.522	-8447.61	14512.26	-14521.1
	43158	3159	-53.135	80.915	-0.028	-0.185	-1.802	7751.889	13338.11	-13304.2
	43159	3159	53.135	-80.915	0.027	0.062	1.802	-7751.89	13338.11	-13304.2
	43159	3160	-53.135	103.78	-0.027	-0.062	-2.073	6826.448	11776.27	-11685.4
	43160	3160	53.135	-138.313	0.072	2.606	2.073	-6826.48	11776.32	-11685.5
	43160	3161	-53.135	163.392	-0.072	-2.606	-2.859	5168.389	8978.01	-8785.11
	43161	3161	53.135	-163.392	0.022	-2.168	2.859	-5168.39	8978.01	-8785.11
	43161	3162	-53.135	188.494	-0.022	2.168	-3.106	3232.787	5711.34	-5399.35
	43162	3162	53.134	-227.537	0.116	0.323	3.106	-3232.78	5711.32	-5399.33
	43162	3163	-53.134	258.914	-0.116	-0.323	-4.704	-112.004	66.42	451.37
	43163	3163	56.075	-258.293	0.169	0.159	4.707	112.004	81.05	426.67
	43163	3164	-56.296	277.697	-0.169	-0.159	-6.098	-2320.69	-3165.55	3802.09
	43164	3164	63.638	-319.386	0.021	1.709	6.155	2320.592	-3132.97	3834.39
	43164	3165	-64.555	347.342	-0.021	-1.709	-6.401	-6239.73	-7985.67	8841.25
	43165	3165	79.542	-352.072	-0.268	-1.916	5.386	6789.819	-7330.2	8193.64
	43165	3166	-81.75	388.313	0.268	1.916	-1.823	-11702.9	-10421.4	11313.34
	43166	3166	97.097	-436.19	0.207	0.096	1.953	11702.98	-10373.3	11361.58
	43166	3167	-100.295	472.063	-0.207	-0.096	-4.547	-17400.8	-12149.3	13078.03
	43167	3167	113.291	-469.114	0.207	-0.03	4.548	17400.77	-12112.7	13114.62
	43167	3168	-117.755	507.245	-0.207	0.03	-7.15	-23542.8	-12502.6	13391.28
	43168	3168	-2080.78	232.402	-1.97	-3.846	11.787	6357.178	-15695.4	999.53
	43168	3169	2080.784	-207.594	1.97	3.846	6.928	-4266.9	-13013.5	-1808.01
	43169	3169	-2080.79	207.594	0.856	1.948	-6.928	4266.904	-15158.6	-2568.54
	43169	3170	2080.785	-188.837	-0.856	-1.948	0.295	-2730.55	-12943.9	-4887.05
	43170	3170	-2080.79	188.837	0.856	1.948	-0.295	2730.55	-12943.9	-4887.05
43170	3171	2080.785	-170.081	-0.856	-1.948	-6.339	-1339.58	-10938.8	-6986.17	
43171	3171	-2080.79	123.196	-0.431	-0.065	6.339	1339.654	-10938.9	-6986.07	
43171	3172	2080.788	-103.859	0.431	0.065	-2.892	-432.448	-9631.13	-8355.13	
43172	3172	-2080.79	103.859	-0.389	-0.056	2.892	432.448	-9631.13	-8355.13	
43172	3173	2080.788	-84.497	0.389	0.056	0.22	321.076	-8544.9	-9492.28	
43173	3173	-2080.79	84.497	-0.389	-0.056	-0.22	-321.076	-8544.9	-9492.28	
43173	3174	2080.788	-65.136	0.389	0.056	3.331	919.686	-7681.99	-10395.6	
43174	3174	-2080.78	21.527	1.842	-0.82	-3.331	-919.752	-7681.86	-10395.7	
43174	3175	2080.781	-7.006	-1.842	0.82	-7.722	1005.362	-7558.45	-10524.9	
43175	3175	-2080.78	7.006	-1.625	0.855	7.722	-1005.36	-7558.45	-10524.9	
43175	3176	2080.781	7.515	1.625	-0.855	2.031	1003.835	-7560.65	-10522.6	
43176	3176	-2080.78	-7.515	1.842	-0.818	-2.031	-1003.84	-7560.65	-10522.6	
43176	3177	2080.781	22.036	-1.842	0.818	-9.022	915.172	-7688.46	-10388.8	
43177	3177	-2080.78	-22.036	-1.625	0.707	9.022	-915.172	-7688.47	-10388.8	
43177	3178	2080.781	36.557	1.625	-0.707	0.73	739.367	-7941.89	-10123.5	
43178	3178	-2080.79	-80.432	-0.375	-0.346	-0.73	-739.378	-7941.9	-10123.5	
43178	3179	2080.788	99.794	0.375	0.346	3.731	18.38	-8981.24	-9035.48	
43179	3179	-2080.79	-99.794	-0.375	-0.346	-3.731	-18.38	-8981.24	-9035.48	
43179	3180	2080.788	119.155	0.375	0.346	6.733	-857.532	-10243.9	-7713.64	
43180	3180	-2080.79	-119.155	2.225	0.725	-6.733	857.531	-10243.9	-7713.63	
43180	3181	2080.787	138.517	-2.225	-0.725	-11.071	-1888.34	-11729.8	-6158.05	
43181	3181	-2080.77	-185.686	-2.594	-2.606	11.071	1888.427	-11729.9	-6157.82	
43181	3182	2080.766	204.419	2.594	2.606	9.008	-3398.35	-13906.5	-3879.2	
43182	3182	-2080.77	-204.419	0.135	1.851	-9.008	3398.348	-13906.5	-3879.21	
43182	3183	2080.768	223.175	-0.135	-1.851	7.958	-5055.47	-16295.3	-1378.44	
43183	3183	-2080.77	-223.175	-0.5	0.307	-7.958	5055.474	-14025.2	-748.79	
43183	3184	2080.768	247.983	0.5	-0.307	12.71	-7293.76	-16896.9	2257.54	
43184	3184	113.093	488.941	-0.173	-0.352	-0.846	24701.78	-13144	14024.6	
43184	3185	-108.629	-450.81	0.173	0.352	3.028	-18790.2	-13118.5	14123.18	
43185	3185	96.141	453.638	-0.173	-0.268	-3.037	18790.16	-13153.6	14088.02	
43185	3186	-92.942	-417.764	0.173	0.268	5.213	-13323.6	-11865.1	12879.69	
43186	3186	78.59	377.705	-0.185	-0.699	-5.184	13323.59	-11910.1	12834.59	
43186	3187	-76.382	-341.464	0.185	0.699	7.636	-8551.33	-9313.45	10237.8	

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	43187	3187	54.028	249.548	-0.234	0.097	1.905	-3405.34	4737.21	-4446.11
	43187	3188	-53.069	-220.326	0.234	-0.097	0.842	6167.253	9308.09	-9208.48
	43188	3188	47.837	177.887	0.082	-1.459	-0.822	-6167.24	9284.95	-9231.58
	43188	3189	-47.607	-157.571	-0.082	1.459	0.146	7551.206	11625.57	-11676.1
	43189	3189	45.813	158.102	0.094	0.447	-0.162	-7544.41	10646.4	-11508.4
	43189	3190	-45.813	-123.866	-0.094	-0.447	-1.124	9481.777	13329.63	-14514.4
	43190	3190	45.814	82.659	0.042	-0.234	1.124	-9481.84	13329.72	-14514.5
	43190	3191	-45.814	-55.25	-0.042	0.234	-1.581	10240.44	14380.37	-15691.5
	43191	3191	45.814	55.25	0.042	-0.234	1.581	-10240.4	14380.37	-15691.5
	43191	3192	-45.814	-27.842	-0.042	0.234	-2.037	10697.5	15013.41	-16400.7
	43192	3192	45.813	-9.223	0.113	-0.073	2.037	-10697.4	15013.29	-16400.6
	43192	3193	-45.813	34.314	-0.113	0.073	-3.171	10478.19	14709.66	-16060.5
	43193	3193	45.813	-34.314	0.113	-0.073	3.171	-10478.2	14709.66	-16060.5
	43193	3194	-45.813	59.404	-0.113	0.073	-4.304	10006.26	14056.04	-15328.2
	43194	3194	45.816	-93.314	-0.043	0.13	4.304	-10006.3	14056.05	-15328.2
	43194	3195	-45.816	118.405	0.043	-0.13	-3.869	8940.121	12579.46	-13674
	43195	3195	45.816	-118.405	-0.043	0.13	3.869	-8940.12	12579.46	-13674
	43195	3196	-45.816	143.496	0.043	-0.13	-3.435	7621.287	10752.89	-11627.7
	43196	3196	45.814	-180.406	0.02	-2.161	3.435	-7621.29	10752.88	-11627.7
	43196	3197	-45.814	207.789	-0.02	2.161	-3.656	5487.905	7798.17	-8317.54
	43197	3197	45.814	-207.789	0.061	2.75	3.656	-5487.91	7798.17	-8317.54
	43197	3198	-45.814	235.197	-0.061	-2.75	-4.329	3051.158	4423.3	-4536.69
	43198	3198	45.814	-276.459	0.027	0.332	4.329	-3051.19	4423.34	-4536.74
	43198	3199	-45.814	310.72	-0.027	-0.332	-4.704	-986.185	-1168.38	1727.64
	43199	3199	49.411	-310.168	0.016	0.521	4.711	973.001	-1116.19	1492.26
	43199	3200	-49.656	331.325	-0.016	-0.521	-4.844	-3619.61	-4567.08	4880.39
	43200	3200	58.349	-374.468	0.684	-0.553	4.822	3619.621	-4532.36	4915.13
	43200	3201	-59.365	404.863	-0.684	0.553	-12.856	-8197	-9497.89	9769.06
	43201	3201	74.869	-409.548	0.373	1.58	17.731	8757.272	-7910.18	8300.07
	43201	3202	-77.371	450.057	-0.373	-1.58	-22.684	-14462.1	-10809	11126.23
	43202	3202	94.557	-497.56	0.489	0.518	22.682	14462.1	-10761.8	11173.53
	43202	3203	-98.156	537.458	-0.489	-0.518	-28.823	-20956	-12372.2	12709.55
43203	3203	112.99	-534.537	0.489	-0.28	28.826	20956.01	-12335.1	12746.62	
43203	3204	-117.972	576.692	-0.489	0.28	-34.985	-27947.7	-12671.2	13024.41	
43204	3204	2348.36	256.972	1.335	2.035	19.993	7957.543	-15744.8	1080.57	
43204	3205	-2348.356	-229.105	-1.335	-2.035	-32.675	-5648.39	-13298.8	-1355.91	
43205	3205	2348.36	229.105	-0.977	-3.406	32.675	5360.517	-14557.8	-2144.26	
43205	3206	-2348.357	-207.853	0.977	3.406	-25.101	-3667.07	-12646.7	-4154.81	
43206	3206	2348.36	207.853	2.052	1.325	25.101	3667.068	-12646.7	-4154.81	
43206	3207	-2348.356	-186.601	-2.052	-1.325	-41.007	-2138.38	-10921.6	-5969.75	
43207	3207	2348.23	136.108	-5.116	-0.248	41.007	2138.448	-10921.3	-5969.2	
43207	3208	-2348.229	-114.17	5.116	0.248	-0.074	-1137.21	-9791.38	-7157.92	
43208	3208	2348.23	114.17	-5.164	-0.272	0.074	1137.207	-9791.38	-7157.92	
43208	3209	-2348.228	-92.26	5.164	0.272	41.189	-312.412	-8860.62	-8137.16	
43209	3209	2348.23	92.26	-2.181	0.125	-41.189	312.412	-8860.64	-8137.18	
43209	3210	-2348.233	-70.322	2.181	-0.125	58.643	337.989	-8126.68	-8909.37	
43210	3210	2348.3	20.926	-2.744	0.143	-58.643	-338.102	-8126.77	-8909.73	
43210	3211	-2348.295	-4.473	2.744	-0.143	75.11	414.308	-8040.78	-9000.2	
43211	3211	2348.3	4.473	-2.744	0.143	-75.11	-414.308	-8040.78	-9000.2	
43211	3212	-2348.295	-11.981	2.744	-0.143	91.578	391.781	-8066.2	-8973.46	
43212	3212	2348.3	11.981	1.169	-0.51	-91.578	-391.78	-8066.2	-8973.46	
43212	3213	-2348.296	-28.434	-1.169	0.51	84.566	270.523	-8203.04	-8829.5	
43213	3213	2348.3	28.434	-2.744	-0.059	-84.566	-270.524	-8203.03	-8829.49	
43213	3214	-2348.295	-44.887	2.744	0.059	101.034	50.531	-8451.29	-8568.31	
43214	3214	2348.38	44.887	-2.744	-0.059	-101.034	-50.525	-8451.62	-8568.62	
43214	3215	-2348.384	-116.442	5.376	0.627	58.017	-793.36	-9403.92	-7566.72	
43215	3215	2348.39	116.442	-5.376	-0.627	-58.017	793.36	-9403.94	-7566.74	
43215	3216	-2348.389	-138.38	2.442	-0.365	38.481	-1812.78	-10554.3	-6356.43	
43216	3216	2348.39	138.38	-2.442	0.365	-38.481	1812.784	-10554.3	-6356.43	
43216	3217	-2348.389	-160.318	2.442	0.365	18.945	-3007.73	-11902.8	-4937.72	
43217	3217	2348.34	160.318	-2.442	-0.365	-18.945	3007.649	-11902.5	-4937.64	
43217	3218	-2348.338	-231.777	2.248	5.392	1.519	-4721.78	-13836.9	-2902.54	
43218	3218	2348.34	231.777	-2.248	-5.392	-1.519	4721.768	-13836.9	-2902.55	
43218	3219	-2348.339	-253.03	0.781	11.483	-1.519	-6600.66	-15957.2	-671.84	
43219	3219	2348.32	253.03	8.914	16.86	-7.573	6888.516	-14612.3	-47.29	
43219	3220	-2348.322	-280.866	-8.914	-16.86	-77.025	-9422.06	-17296	2625.95	
43220	3220	111.445	559.779	-1.293	-37.4	38.097	29768.32	-13528.3	13841.17	
43220	3221	-106.463	-517.628	1.293	37.4	-21.822	-22990.2	-13576.2	13940.23	
43221	3221	92.093	520.376	-1.437	35.281	14.169	22990.25	-13612.1	13904.33	
43221	3222	-88.494	-480.482	1.437	-35.281	3.865	-16711.5	-12492.7	12854.3	
43222	3222	72.156	439.205	3.317	-2.908	-0.501	16710.9	-12537.2	12808.91	
43222	3223	-69.654	-398.702	-3.317	2.908	-43.538	-11150.9	-10148.5	10492.45	

SPAN 8 -- Cumulative Affects thru Day 40

PIER 8 -- Cumulative Affects thru Day 47

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 9 -- Cumulative Affects thru Day 26	43223	3223	40.207	299.749	-0.173	-3.25	0.807	-1519.04	1957.45	-1613.04	
	43223	3224	-39.138	-267.744	0.173	3.25	1.232	4854.534	6547.69	-6123.03	
	43224	3224	32.746	221.816	0.39	17.27	-1.54	-4854.59	6522.23	-6148.64	
	43224	3225	-32.488	-199.547	-0.39	-17.27	-1.681	6592.82	9044.04	-8630.23	
	43225	3225	30.176	199.91	0.25	-13.469	1.881	-6588.62	7657.15	-7867.6	
	43225	3226	-30.176	-155.36	-0.25	13.469	-5.862	9418.549	10898.38	-11294.5	
	43226	3226	30.172	107.643	0.629	21.783	5.862	-9417.76	10897.45	-11293.6	
	43226	3227	-30.172	-73.803	-0.629	-21.783	-13.474	10515.64	12154.9	-12623.1	
	43227	3227	30.174	73.803	0.504	-21.829	13.474	-10515.6	12154.91	-12623.1	
	43227	3228	-30.174	-39.988	-0.504	21.829	-19.568	11203.65	12942.91	-13456.2	
	43228	3228	30.171	-4.759	0.63	22.777	19.568	-11201.7	12940.68	-13453.9	
	43228	3229	-30.171	38.576	-0.63	-22.777	-27.186	10939.68	12640.57	-13136.6	
	43229	3229	30.173	-38.576	0.505	-22.437	27.186	-10939.7	12640.58	-13136.6	
	43229	3230	-30.173	72.397	-0.505	22.437	-33.297	10268.6	11871.96	-12323.9	
	43230	3230	30.191	-117.462	-0.082	18.01	33.297	-10266.1	11869.19	-12320.8	
	43230	3231	-30.191	151.761	0.082	-18.01	-32.295	8615.038	9978.14	-10321.5	
	43231	3231	30.191	-151.761	-0.206	-17.329	32.295	-8615.04	9978.14	-10321.5	
	43231	3232	-30.191	186.036	0.206	17.329	-29.776	6544.817	7607.03	-7814.5	
	43232	3232	30.127	-236.173	1.646	5.667	29.776	-6543.12	7604.86	-7812.69	
	43232	3233	-30.127	258.085	-1.646	-5.667	-42.67	4606.683	5386.98	-5467.74	
	43233	3233	30.128	-258.085	1.627	2.852	42.67	-4606.69	5386.98	-5467.74	
	43233	3234	-30.128	278.934	-1.627	-2.852	-54.802	2604.777	3094.12	-3043.51	
	43234	3234	33.407	-278.56	1.542	-5.163	54.745	-2604.78	2948.52	-2846.8	
	43234	3235	-33.704	303.894	-1.542	5.163	-68.419	22.142	140.63	92.77	
	43235	3235	39.972	-351.095	1.516	-3.859	68.394	-22.048	162.33	114.67	
	43235	3236	-40.443	367.933	-1.516	3.859	-77.287	-2087.56	-1973.22	2343.58	
	PIER 9 -- Cumulative Affects thru Day 33	43236	3236	51.91	-372.244	3.626	-3.02	137.492	2733.539	-2587.42	3065.19
		43236	3237	-52.543	388.042	-3.626	3.02	-156.599	-4736.73	-4364.24	4908.77
		43237	3237	59.166	-387.088	3.519	8.023	157.309	4736.697	-3018.66	3478.28
		43237	3238	-61.184	422.398	-3.519	-8.023	-192.206	-8750.21	-4974.7	5508.51
		43238	3238	73.969	-461.548	-1.378	-14.798	190.862	8747.63	-4943.91	5536.21
		43238	3239	-76.952	499.18	1.378	14.798	-176.661	-13697.2	-6587.23	7207.48
		43239	3239	88.44	-497.273	-1.465	13.02	179.543	13697.18	-6562.42	7232.25
		43239	3240	-92.628	538.115	1.465	-13.02	-163.701	-19293	-7589.65	8239.48
43240		3240	108.903	-559.925	-40.087	-32.21	158.782	19284.93	-7553.83	8268.67	
43240		3241	-112.433	588.756	40.087	32.21	-136.929	-23521.1	-7984.22	8669.71	
43241		3241	-2299.69	320.79	-14.85	4.34	426.431	6636.491	-10729.6	-398.52	
43241		3242	2299.687	-287.94	14.85	-4.34	-285.411	-3746.08	-8548.04	-2716.47	
43242		3242	-2299.73	287.94	-6.621	17.744	285.411	3746.041	-8758.69	-2855.9	
43242		3243	2299.725	-261.782	6.621	-17.744	-234.596	-1636.48	-7146.99	-4568.33	
43243		3243	-2297.43	205.032	-36.529	0.001	234.596	1635.049	-7140.01	-4563.59	
43243		3244	2297.426	-172.585	36.529	-0.001	113.167	162.444	-5766.73	-6022.7	
43244		3244	-2297.5	172.585	-31.503	-0.355	-113.167	-162.444	-5766.92	-6022.89	
43244		3245	2297.501	-138.152	31.503	0.355	431.441	1732.115	-4567.7	-7297.07	
43245		3245	-2298.23	90.705	-13.552	5.206	-431.441	-1731.36	-4570.14	-7298.33	
43245		3246	2298.231	-56.812	13.552	-5.206	566.214	2464.869	-4009.75	-7893.75	
43246		3246	-2298.27	56.812	-4.3	-4.717	-566.214	-2464.87	-4009.84	-7893.84	
43246		3247	2298.267	-23.831	4.3	4.717	607.828	2855.053	-3711.74	-8210.57	
43247		3247	-2298.25	25.816	-0.618	4.99	-607.828	-2854.28	-3712.28	-8209.89	
43247		3248	2298.247	57.126	0.618	-4.99	613.509	2473.302	-4003.35	-7900.64	
43248		3248	-2298.24	-57.126	7.122	-3.34	-613.509	-2473.31	-4003.32	-7900.61	
43248		3249	2298.236	92.684	-7.122	3.34	539.207	1691.816	-4600.37	-7266.24	
43249		3249	-2296.8	-134.315	-18.02	-0.192	-539.207	-1691.46	-4596.95	-7262.26	
43249		3250	2296.795	169.163	18.02	0.192	723.45	139.998	-5782.26	-6002.86	
43250		3250	-2296.84	-169.163	-11.303	-0.601	-723.45	-139.997	-5782.37	-6002.97	
43250		3251	2296.838	201.214	11.303	0.601	829.741	-1601.53	-7112.89	-4589.29	
43251		3251	-2300.22	-240.676	77.78	-10.468	-829.741	1600.887	-7121.06	-4598.47	
43251		3252	2300.215	269.314	-77.78	10.468	176.186	-3743.52	-8758.02	-2859.2	
43252		3252	-2299.94	-269.314	85.457	2.027	-176.186	3743.531	-8757.33	-2858.49	
43252		3253	2299.942	298.029	-85.457	-2.027	-543.811	-6133.53	-10583.3	-918.41	
43253		3253	-2299.83	-298.029	88.371	9.799	543.811	6133.526	-10350.4	-802.23	
43253		3254	2299.832	324.536	-88.371	-9.799	-1220.99	-8518.87	-12150.8	1110.68	
43254		3254	-2295.3	-353.343	-38.791	-104.097	1220.994	8514.473	-12136.2	1118.42	
43254		3255	2295.301	364.636	38.791	104.097	-1094.35	-9686.48	-13020.8	2058.31	
43255		3255	-116.672	514.185	-55.329	-7.115	837.744	26639.36	-9055.73	9791.3	
43255		3256	111.324	-474.367	55.329	7.115	-268.478	-21555.5	-9200	10022.73	
43256		3256	93.138	478.253	-55.478	50.79	261.485	21555.57	-9237.57	9985.19	
43256		3257	-90.197	-447.619	55.478	-50.79	193.315	-17761.1	-8822.17	9610.4	
43257		3257	76.367	408.768	14.079	-29.407	-185.881	17757.27	-8850.38	9578.19	
43257		3258	-73.63	-372.806	-14.079	29.407	46.638	-13893.1	-8106	8862.6	
43258		3258	66.174	374.206	13.981	1.504	-48.895	13893.12	-8123.21	8845.42	
43258		3259	-64.459	-343.563	-13.981	-1.504	-71.632	-10799.7	-7051.19	7761.92	
43259		3259	59.649	344.437	13.841	33.994	70.245	10799.68	-10153.3	10989.08	
43259		3260	-59.253	-334.948	-13.841	-33.994	-113.998	-9725.88	-9439.76	10259.67	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 10 -- Cumulative Affects thru Day 5	43260	3260	76.14	297.575	-0.397	15.924	27.922	-2788.79	3024.27	-2624.32
	43260	3261	-75.425	-274.423	0.397	-15.924	-24.943	4932.948	5458	-5170.55
	43261	3261	70.347	275.768	-0.539	4.997	25.362	-4932.97	5440.37	-5188.22
	43261	3262	-69.991	-247.056	0.539	-4.997	-20.322	7376.472	8263.56	-8148.24
	43262	3262	66.922	247.905	-0.767	-20.59	20.382	-7393.4	9242.24	-8123.14
	43262	3263	-66.922	-224.763	0.767	20.59	-14.504	9203.619	11445.43	-10171.7
	43263	3263	66.89	168.117	1.752	15.135	14.504	-9202.8	11444.32	-10170.9
	43263	3264	-66.89	-134.078	-1.752	-15.135	-34.24	10905.13	13516.21	-12097.4
	43264	3264	66.895	134.078	1.581	-12.711	34.24	-10905.1	13516.23	-12097.4
	43264	3265	-66.895	-98.477	-1.581	12.711	-52.868	12275.29	15183.83	-13648
	43265	3265	66.902	49.836	0.988	24.548	52.868	-12274.8	15183.21	-13647.3
	43265	3266	-66.902	-14.734	-0.988	-24.548	-64.347	12649.86	15639.74	-14071.8
	43266	3266	66.905	14.734	0.735	-23.29	64.347	-12649.9	15639.76	-14071.8
	43266	3267	-66.905	19.806	-0.735	23.29	-72.75	12620.87	15604.47	-14039
	43267	3267	66.908	-67.968	0.837	16.926	72.75	-12621	15604.6	-14039.1
	43267	3268	-66.908	103.041	-0.837	-16.926	-82.461	11628.38	14396.54	-12915.8
	43268	3268	66.91	-103.041	0.649	-15.626	82.461	-11628.4	14396.55	-12915.8
	43268	3269	-66.91	137.608	-0.649	15.626	-89.89	10251.7	12721	-11357.9
	43269	3269	66.91	-188.476	0.268	14.987	89.89	-10252.2	12721.64	-11358.5
	43269	3270	-66.91	225.35	-0.268	-14.987	-93.158	7726.894	9648.08	-8500.59
	43270	3270	66.911	-225.35	0.012	-14.5	93.158	-7726.9	9648.08	-8500.59
	43270	3271	-66.911	261.878	-0.012	14.5	-93.308	4781.575	6063.36	-5167.44
	43271	3271	66.959	-316.721	4.974	5.28	93.308	-4781.71	6063.71	-5167.42
	43271	3272	-66.959	337.662	-4.974	-5.28	-127.783	2513.927	3303.61	-2601.02
	43272	3272	71.153	-336.805	4.819	-3.35	127.751	-2496.96	2606.17	-2299.45
	43272	3273	-71.535	367.622	-4.819	3.35	-173.244	-828.06	-553.23	1021.08
	43273	3273	78.678	-366.162	4.609	-4.127	173.228	828.06	-531.82	1042.5
	43273	3274	-79.54	393.231	-4.609	4.127	-211.186	-3954.71	-3188.52	3817.25
	43274	3274	85.293	-438.188	-25.701	-16.683	210.689	3955.076	-3171.99	3834.44
	43274	3275	-85.624	445.893	25.701	16.683	-150.842	-4984.42	-3955.22	4647.98
	43275	3275	90.957	-444.832	-25.757	-11.876	150.995	4990.668	-2924.13	3650.11
	43275	3276	-92.75	477.413	25.757	11.876	72.386	-8989.42	-4831.39	5702.73
	43276	3276	101.706	-475.575	-25.948	15.397	-70.68	8989.425	-4811.83	5722.3
	43276	3277	-104.184	509.038	25.948	-15.397	296.888	-13280.6	-6251.93	7230.97
43277	3277	106.832	-629.371	46.863	-76.471	-781.435	30732.48	-14746.6	16454.07	
43277	3278	-110.794	671.08	-46.863	76.471	291.39	-37530.4	-14901.8	16458.12	
43278	3278	133.524	-666.937	46.763	13.272	-283.49	37530.54	-14857.9	16502.14	
43278	3279	-138.699	706.979	-46.763	-13.272	-168.362	-44166.9	-14216.6	15656.31	
43279	3279	-3335.22	473.038	27.505	142.428	536.78	14685.89	-18305.3	3669.34	
43279	3280	3335.217	-457.844	-27.505	-142.428	-650.232	-12766	-16943.1	2158.92	
43280	3280	-3335.99	352.503	-77.652	-32.617	650.232	12767.32	-16945.8	2158.1	
43280	3281	3335.989	-329.394	77.652	32.617	-163.087	-10628.4	-15428.1	475.31	
43281	3281	-3336.22	329.394	-66.987	-4.518	163.087	10921.19	-17668.2	-27.95	
43281	3282	3336.22	-296.172	66.987	4.518	483.571	-7901.73	-15303.5	-2540.41	
43282	3282	-3336.4	296.172	-57.098	18.903	-483.571	7901.713	-15304	-2540.93	
43282	3283	3336.404	-267.402	57.098	-18.903	960.895	-5546.04	-13459.2	-4501.06	
43283	3283	-3336	218.292	13.444	-6.823	-960.895	5546.322	-13458.3	-4499.72	
43283	3284	3335.999	-182.095	-13.444	6.823	794.68	-3071.31	-11520	-6559.15	
43284	3284	-3335.92	182.095	26.284	4.998	-794.68	3071.309	-11519.8	-6558.94	
43284	3285	3335.922	-147.181	-26.284	-4.998	481.258	-1108.07	-9982.32	-8192.53	
43285	3285	-3336.1	67.571	4.81	-1.58	-481.258	1108.136	-9982.84	-8192.95	
43285	3286	3336.096	-32.906	-4.81	1.58	424.313	-513.333	-9517.03	-8687.88	
43286	3286	-3336.04	32.906	19.111	0.621	-424.313	513.335	-9516.89	-8687.73	
43286	3287	3336.044	-2.413	-19.111	-0.621	225.275	-329.411	-9372.85	-8840.78	
43287	3287	-3335.95	-47.363	25.824	-2.622	-225.275	329.277	-9372.47	-8840.62	
43287	3288	3335.945	80.433	-25.824	2.622	-66.406	-1051.01	-9937.69	-8240.07	
43288	3288	-3335.84	-80.433	37.15	0.946	66.406	1051.012	-9937.4	-8239.78	
43288	3289	3335.838	112.452	-37.15	-0.946	-472.676	-2105.69	-10763.4	-7362.19	
43289	3289	-3336.44	-196.726	-15.525	-9.79	472.676	2105.887	-10765.2	-7363.67	
43289	3290	3336.438	221.216	15.525	9.79	-342.817	-3853.82	-12134	-5909.23	
43290	3290	-3336.46	-221.216	-8.256	-1.394	342.817	3853.83	-12134.1	-5909.29	
43290	3291	3336.464	244.225	8.256	1.394	-277.935	-5682.64	-13566.3	-4387.56	
43291	3291	-3336.47	-244.225	-1.588	10.103	277.935	5389.858	-11712.1	-3647.21	
43291	3292	3336.474	269.21	1.588	-10.103	-265.421	-7413.28	-13147.9	-2055.3	
43292	3292	-3336.72	-334.204	-10.486	-19.103	265.421	7413.944	-13148.9	-2055.36	
43292	3293	3336.719	342.161	10.486	19.103	-239.098	-8262.88	-13751.3	-1387.46	
43293	3293	120.391	899.353	-9.305	-59.348	71.727	34042.7	-11191.6	12381.21	
43293	3294	-116.609	-868.562	9.305	59.348	7.182	-26547.2	-10357.6	11591.25	
43294	3294	85.399	872.183	-9.345	48.998	-18.663	26547.18	-10417.7	11531.13	
43294	3295	-82.422	-837.819	9.345	-48.998	110.419	-18152.9	-8322.54	9358.22	
43295	3295	56.001	769.614	4.43	-30.204	-104.161	18154.07	-8377.2	9304.72	
43295	3296	-53.791	-732.657	-4.43	30.204	55.879	-9968.92	-5230.7	5943.24	
43296	3296	35.994	733.747	4.391	10.823	-58.003	9968.943	-5269.02	5904.95	
43296	3297	-35.019	-706.255	-4.391	-10.823	21.667	-4010.46	-2221.59	2592.02	
43297	3297	22.572	706.763	4.362	23.258	-21.688	4009.421	-3018.44	3277.39	
43297	3298	-22.35	-694.331	-4.362	-23.258	2.856	-984.694	-707.61	867.64	

PIER 10 -- Cumulative Affects thru Day 19

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM
									STRESS	STRESS
SPAN 11 -- Cumulative Affects thru Day 12	43298	3298	18.317	620.332	-1.315	4.021	48.835	3336.881	-2560.36	2777.78
	43298	3299	-18.224	-596.776	1.315	-4.021	-38.005	1675.125	1373.28	-1327.85
	43299	3299	15.866	596.843	-1.349	0.26	38.021	-1675.13	1366.59	-1334.54
	43299	3300	-15.866	-575.545	1.349	-0.26	-27.967	6043.22	4812.78	-4931.88
	43300	3300	15.863	575.545	-1.38	-11.586	27.967	-6043.21	3564.44	-3681.11
	43300	3301	-15.863	-552.018	1.38	11.586	-18.158	10049.81	5904.73	-6144.57
	43301	3301	15.863	467.797	-0.092	30.053	18.158	-10050.2	5904.96	-6144.81
	43301	3302	-15.863	-427.799	0.092	-30.053	-17.044	15460.47	9065.14	-9471.31
	43302	3302	15.863	427.799	-0.153	-28.845	17.044	-15460.5	9065.14	-9471.31
	43302	3303	-15.863	-387.427	0.153	28.845	-15.183	20431.28	11968.63	-12527.6
	43303	3303	15.871	310.855	1.167	36.221	15.183	-20432.1	11969.14	-12528.1
	43303	3304	-15.871	-268.375	-1.167	-36.221	-30.154	24148.47	14139.88	-14813.1
	43304	3304	15.875	268.375	1.119	-36.793	30.154	-24148.5	14139.89	-14813.1
	43304	3305	-15.875	-230.489	-1.119	36.793	-42.956	27002.95	15807.22	-16568.2
	43305	3305	15.869	159.056	-0.452	51.511	42.956	-27004	15807.83	-16568.9
	43305	3306	-15.869	-115.246	0.452	-51.511	-36.981	28818.99	16867.96	-17684.8
	43306	3306	15.867	115.246	-0.51	-55.435	36.981	-28819	16867.96	-17684.8
	43306	3307	-15.867	-78.688	0.51	55.435	-31.345	29889.78	17493.42	-18343.2
	43307	3307	15.874	10.875	0.709	51.556	31.345	-29891.1	17494.22	-18344
	43307	3308	-15.874	30.732	-0.709	-51.556	-40.26	29766.35	17421.34	-18267.3
	43308	3308	15.876	-30.732	0.656	-48.22	40.26	-29766.4	17421.35	-18267.3
	43308	3309	-15.876	69.473	-0.656	48.22	-47.939	29180.04	17078.87	-17906.8
	43309	3309	15.859	-137.745	-1.657	44.844	47.939	-29180.8	17079.31	-17907.3
	43309	3310	-15.859	177.033	1.657	-44.844	-28.27	27313.05	15988.31	-16758.9
	43310	3310	15.854	-177.033	-1.704	-35.141	28.27	-27313.1	15988.31	-16758.9
	43310	3311	-15.854	218.127	1.704	35.141	-7.12	24860.44	14555.71	-15250.9
	43311	3311	15.871	-281.517	2.2	36.71	7.12	-24861.4	14556.28	-15251.4
	43311	3312	-15.871	321.602	-2.2	-36.71	-33.761	21209.98	12423.49	-13006.4
	43312	3312	15.878	-321.602	2.15	-29.888	33.761	-21210	12423.51	-13006.4
	43312	3313	-15.878	361.857	-2.15	29.888	-59.91	17054.65	9996.34	-10451.5
	43313	3313	15.853	-446.917	-2.448	23.864	59.91	-17055.2	9996.64	-10451.9
	43313	3314	-15.853	488.998	2.448	-23.864	-28.793	11106.93	6522.18	-6794.56
	43314	3314	15.843	-488.998	-2.507	-17.61	28.793	-11106.9	6522.17	-6794.59
43314	3315	-15.843	530.882	2.507	17.61	2.927	4655.391	2753.77	-2827.85	
43315	3315	15.846	-565.653	0.358	-0.429	-2.927	-4656.03	2754.15	-2828.24	
43315	3316	-15.846	592.744	-0.358	0.429	0	-83.683	-14.36	85.98	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 3 -- Cumulative Affects thru Day 127	44000	4000	0.009	16.456	0.086	0.009	0	-0.029	2.02	-1.56
	44000	4001	-0.009	5.874	-0.086	-0.009	-1.189	73.129	4212.53	-4663.2
	44001	4001	0.009	-5.874	0.086	-0.022	1.189	-73.129	4212.53	-4663.2
	44001	4002	-0.009	22.27	-0.086	0.022	-2.063	-69.632	-4010.46	4440.82
	44002	4002	0.006	21.365	-0.104	0.026	2.063	69.569	-4006.96	4436.74
	44002	4003	-0.006	-1.723	0.104	-0.026	-0.794	70.725	4073.95	-4509.99
	44003	4003	0.006	1.723	-0.104	-0.032	0.794	-70.725	4073.95	-4509.99
	44003	4004	-0.006	17.916	0.104	0.032	0.475	-27.665	-1593.28	1764.44
	44004	4004	0.01	19.898	0.03	-0.004	-0.475	27.454	-1581	1751.09
	44004	4005	-0.01	-0.252	-0.03	0.004	0.116	95.011	5472.98	-6058.67
	44005	4005	0.01	0.252	0.03	-0.004	-0.116	-95.011	5472.98	-6058.67
	44005	4006	-0.01	19.393	-0.03	0.004	-0.243	-21.319	-1227.64	1359.88
	44006	4006	0.009	19.866	-0.008	0.042	0.243	21.217	-1221.75	1353.35
	44006	4007	-0.009	-0.237	0.008	-0.042	-0.152	100.862	5809.96	-6431.76
	44007	4007	0.009	0.237	-0.008	-0.051	0.152	-100.862	5809.96	-6431.76
	44007	4008	-0.009	19.406	0.008	0.051	-0.06	-15.634	-900.18	997.32
	44008	4008	0.01	19.474	0.003	-0.008	0.06	15.678	-902.7	1000.12
	44008	4009	-0.01	0.176	-0.003	0.008	-0.102	101.633	5854.38	-6480.93
	44009	4009	0.01	-0.176	0.003	0.002	0.102	-101.633	5854.38	-6480.93
	44009	4010	-0.01	19.809	-0.003	-0.002	-0.144	-19.756	-1137.64	1260.23
	44010	4010	0.009	19.287	0.002	-0.007	0.144	20.012	-1152.35	1276.47
	44010	4011	-0.009	0.362	-0.002	0.007	-0.171	95.035	5474.34	-6060.23
	44011	4011	0.009	-0.362	0.002	0.003	0.171	-95.035	5474.34	-6060.23
	44011	4012	-0.009	19.995	-0.002	-0.003	-0.198	-28.615	-1647.94	1825.16
	44012	4012	0.009	18.419	-0.011	-0.035	0.198	28.617	-1648.05	1825.26
	44012	4013	-0.009	1.233	0.011	0.035	-0.069	75.872	4370.52	-4838.15
	44013	4013	0.009	-1.233	-0.011	0.034	0.069	-75.872	4370.52	-4838.15
	44013	4014	-0.009	20.871	0.011	-0.034	0.06	-58.42	-3364.68	3725.82
	44014	4014	0.009	20.344	0.029	0.004	-0.06	58.35	-3360.67	3721.39
	44014	4015	-0.009	5.997	-0.029	-0.004	-0.417	58.566	3373.71	-3734.54
	44015	4015	0.009	-5.997	0.029	-0.011	0.417	-58.566	3373.71	-3734.54
	44015	4016	-0.009	19.339	-0.029	0.011	-0.659	-46.007	-2649.7	2934.24
	44016	4016	-0.379	20.237	-0.02	-0.008	0.714	104.928	-6057.16	6678.1
	44016	4017	0.379	-1.52	0.02	0.008	-0.477	22.905	1306	-1473.97
	44017	4017	-0.379	1.52	-0.02	0.002	0.477	-22.905	1306.01	-1473.97
	44017	4018	0.379	19.587	0.02	-0.002	-0.206	-96.799	-5588.92	6159.69
	44018	4018	-0.378	19.407	0.047	0.004	0.206	96.764	-5586.88	6157.56
	44018	4019	0.378	0.499	-0.047	-0.004	-0.799	21.377	1218.06	-1376.48
	44019	4019	-0.378	-0.499	0.048	-0.013	0.799	-21.377	1218.06	-1376.48
	44019	4020	0.378	20.402	-0.048	0.013	-1.394	-109.203	-6303.34	6950.78
	44020	4020	-0.459	20.975	-0.021	-0.007	1.394	109.154	-6303.41	6944.82
	44020	4021	0.459	-5.839	0.021	0.007	-1.197	18.25	1035.08	-1179.93
	44021	4021	-0.459	5.839	-0.021	0.003	1.197	-18.25	1035.08	-1179.93
	44021	4022	0.459	6.512	0.021	-0.003	-1.035	15.642	884.85	-1013.6
44022	4022	-0.459	-6.512	-0.02	-0.015	1.035	-15.642	884.85	-1013.6	
44022	4023	0.459	18.844	0.02	0.015	-0.877	-82.517	-4769.08	5246.1	
44023	4023	-0.475	19.449	-0.104	-0.009	0.877	82.577	-4773.11	5249.37	
44023	4024	0.475	-6.7	0.104	0.009	-0.043	22.074	1254.8	-1424.38	
44024	4024	-0.475	6.7	-0.104	-0.009	0.043	-22.074	1254.8	-1424.38	
44024	4025	0.475	6.05	0.104	0.009	0.791	24.675	1404.59	-1590.22	
44025	4025	-0.475	-6.05	-0.104	-0.005	-0.791	-24.675	1404.59	-1590.22	
44025	4026	0.475	18.784	0.104	0.005	1.625	-74.588	-4312.97	4739.93	
44026	4026	-0.475	18.975	-0.014	-0.037	-1.625	74.591	-4313.12	4740.11	
44026	4027	0.475	-9.417	0.014	0.037	1.711	10.586	593.11	-691.78	
44027	4027	-0.475	9.417	-0.014	-0.037	-1.711	-10.586	593.11	-691.78	
44027	4028	0.475	0.14	0.014	0.037	1.797	38.419	2196.29	-2466.73	
44028	4028	-0.475	-0.14	-0.015	0.027	-1.797	-38.419	2196.29	-2466.73	
44028	4029	0.475	9.699	0.015	-0.027	1.888	8.898	495.85	-584.09	
44029	4029	-0.475	-9.699	-0.014	0.012	-1.888	-8.898	495.85	-584.1	
44029	4030	0.475	19.256	0.014	-0.012	1.974	-77.968	-4507.64	4955.48	
44030	4030	-0.476	18.382	0.06	-0.008	-1.974	77.916	-4504.7	4952.14	
44030	4031	0.476	-5.639	-0.06	0.008	1.496	18.171	1029.93	-1175.49	
44031	4031	-0.476	5.639	0.06	-0.008	-1.496	-18.171	1029.93	-1175.49	
44031	4032	0.476	7.104	-0.06	0.008	1.019	12.312	692.46	-801.86	
44032	4032	-0.476	-7.104	0.06	-0.008	-1.019	-12.312	692.46	-801.86	
44032	4033	0.476	19.847	-0.06	0.008	0.542	-95.493	-5517.1	6073.01	
44033	4033	-0.476	18.823	0.044	-0.005	-0.542	95.498	-5517.37	6073.31	
44033	4034	0.476	-6.486	-0.044	0.005	0.204	2.515	128.15	-177.09	
44034	4034	-0.476	6.486	0.044	-0.005	-0.204	-2.515	128.15	-177.09	
44034	4035	0.476	5.868	-0.044	0.005	-0.135	4.91	266.12	-329.84	
44035	4035	-0.476	-5.868	0.044	-0.008	0.135	-4.91	266.12	-329.84	
44035	4036	0.476	20.973	-0.044	0.008	-0.551	-122.351	-7064.13	7785.8	
44036	4036	-0.514	20.942	-0.014	-0.008	0.551	122.343	-7064.99	7783.93	
44036	4037	0.514	-1.005	0.014	0.008	-0.374	15.009	846.47	-975.18	
44037	4037	-0.514	1.005	-0.014	-0.006	0.374	-15.009	846.47	-975.18	
44037	4038	0.514	18.901	0.014	0.006	-0.197	-96.814	-5594.52	6155.91	
44038	4038	-0.523	13.414	-0.162	-0.006	0.197	96.923	-5601.13	6162.55	
44038	4039	0.523	7.699	0.162	0.006	1.951	-59.045	-3419.36	3747.02	

SPAN 3 -- Cumulative Affects thru Day 127

PIER 3 -- Cumulative Affects thru Day 134

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	44039	4039	-0.038	2.082	-0.002	-0.007	-0.162	-15.954	917.66	-1018.76
	44039	4040	0.038	16.279	0.002	0.007	0.183	-67.438	-3885.74	4299.29
	44040	4040	-0.036	19.606	0.026	-0.018	-0.183	67.527	-3890.85	4305.03
	44040	4041	0.036	-6.707	-0.026	0.018	-0.033	41.057	2363.62	-2619.57
	44041	4041	-0.037	6.707	0.026	0.001	0.033	-41.057	2363.62	-2619.57
	44041	4042	0.037	18.087	-0.026	-0.001	-0.449	-49.21	-2835.78	3136.92
	44042	4042	-0.037	19.315	-0.015	-0.007	0.449	49.231	-2837.02	3138.27
	44042	4043	0.037	-0.648	0.015	0.007	-0.266	69.982	4029.7	-4464.17
	44043	4043	-0.037	0.648	-0.015	-0.002	0.266	-69.982	4029.7	-4464.17
	44043	4044	0.037	18.003	0.015	0.002	-0.083	-33.568	-1934.8	2139.38
	44044	4044	-0.037	18.688	0.003	-0.003	0.083	33.7	-1942.42	2147.84
	44044	4045	0.037	-0.021	-0.003	0.003	-0.116	78.026	4493.04	-4977.14
	44045	4045	-0.037	0.021	0.003	-0.003	0.116	-78.026	4493.04	-4977.14
	44045	4046	0.037	18.645	-0.003	0.003	-0.149	-33.19	-1913.05	2115.32
	44046	4046	-0.037	18.312	0.004	0	0.149	33.192	-1913.12	2115.4
	44046	4047	0.037	0.347	-0.004	0	-0.193	74.045	4263.73	-4723.26
	44047	4047	-0.037	-0.347	0.004	0	0.193	-74.045	4263.73	-4723.26
	44047	4048	0.037	19.005	-0.004	0	-0.237	-41.476	-2390.29	2643.69
	44048	4048	-0.037	17.672	-0.014	0.001	0.237	41.602	-2397.56	2651.74
	44048	4049	0.037	1.002	0.014	-0.001	-0.068	57.986	3338.71	-3699.13
	44049	4049	-0.037	-1.002	-0.014	0.005	0.068	-57.986	3338.71	-3699.13
	44049	4050	0.037	19.661	0.014	-0.005	0.102	-65.36	-3766.03	4166.83
	44050	4050	-0.036	17.854	0.023	0.009	-0.102	65.153	-3754.06	4153.63
	44050	4051	0.036	6.911	-0.023	-0.009	-0.268	21.548	1239.92	-1375.42
	44051	4051	-0.036	-6.911	0.023	-0.004	0.268	-21.548	1239.92	-1375.41
	44051	4052	0.036	19.809	-0.023	0.004	-0.461	-88.716	-5111.31	5656.3
	44052	4052	-0.035	16.693	-0.033	0.005	0.461	88.801	-5116.16	5661.75
	44052	4053	0.035	1.677	0.033	-0.005	-0.076	-0.554	-33.14	34.12
	44053	4053	-0.041	2.528	-0.032	0.003	0.166	-1.344	75.96	-87.14
	44053	4054	0.041	17.538	0.032	-0.003	0.263	-98.084	-5651.07	6253.51
	44054	4054	-0.037	18.565	0.061	0.003	-0.263	97.955	-5643.48	6245.42
	44054	4055	0.037	0.37	-0.061	-0.003	-0.499	15.772	907.18	-1007.1
	44055	4055	-0.037	-0.37	0.061	0.003	0.499	-15.772	907.18	-1007.1
44055	4056	0.037	19.305	-0.061	-0.003	-1.261	-107.206	-6176.38	6835.42	
44056	4056	-0.008	19.902	-0.051	-0.001	1.261	107.22	-6176.18	6837.29	
44056	4057	0.008	-5.522	0.051	0.001	-0.78	13.466	775.32	-859.01	
44057	4057	-0.008	5.522	-0.051	0.004	0.78	-13.466	775.32	-859.01	
44057	4058	0.008	6.216	0.051	-0.004	-0.388	10.779	620.59	-687.7	
44058	4058	-0.008	-6.216	-0.051	0.004	0.388	-10.779	620.59	-687.7	
44058	4059	0.008	17.954	0.051	-0.004	0.005	-82.871	-4773.67	5284.51	
44059	4059	-0.008	18.638	-0.09	-0.004	-0.005	82.867	-4773.41	5284.26	
44059	4060	0.008	-6.51	0.09	0.004	0.725	17.81	1025.56	-1136.03	
44060	4060	-0.008	6.51	-0.09	0.019	-0.725	-17.81	1025.56	-1136.02	
44060	4061	0.008	5.604	0.09	-0.019	1.444	21.432	1234.23	-1367.05	
44061	4061	-0.008	-5.604	-0.09	-0.007	-1.444	-21.432	1234.23	-1367.05	
44061	4062	0.008	17.717	0.09	0.007	2.163	-71.813	-4136.73	4579.36	
44062	4062	-0.006	18.164	0.002	0.019	-2.163	71.862	-4139.47	4582.58	
44062	4063	0.006	-9.071	-0.002	-0.019	2.15	9.879	568.85	-630.21	
44063	4063	-0.006	9.071	0.002	0.035	-2.15	-9.879	568.85	-630.21	
44063	4064	0.006	0.022	-0.002	-0.035	2.136	37.044	2133.54	-2362.55	
44064	4064	-0.006	-0.022	0.002	-0.022	-2.136	-37.044	2133.54	-2362.55	
44064	4065	0.006	9.099	-0.002	0.022	2.123	9.717	559.51	-619.87	
44065	4065	-0.006	-9.099	0.002	-0.023	-2.123	-9.717	559.51	-619.87	
44065	4066	0.006	18.191	-0.002	0.023	2.109	-72.187	-4158.16	4603.27	
44066	4066	-0.004	17.753	0.1	0.009	-2.109	72.197	-4158.71	4603.97	
44066	4067	0.004	-5.628	-0.1	-0.009	1.308	21.385	1231.61	-1363.89	
44067	4067	-0.004	5.628	0.1	0.01	-1.308	-21.385	1231.61	-1363.89	
44067	4068	0.004	6.482	-0.1	-0.01	0.509	17.971	1034.99	-1146.2	
44068	4068	-0.004	-6.482	0.1	-0.013	-0.509	-17.971	1034.99	-1146.2	
44068	4069	0.004	18.606	-0.1	0.013	-0.291	-82.435	-4748.4	5256.85	
44069	4069	0.002	17.773	0.031	0.001	0.291	82.386	-4745.35	5253.96	
44069	4070	-0.002	-6.043	-0.031	-0.001	-0.53	9.835	566.57	-627.1	
44070	4070	0.002	6.043	0.031	0	0.53	-9.835	566.57	-627.1	
44070	4071	-0.002	5.702	-0.031	0	-0.77	11.159	642.82	-711.51	
44071	4071	0.002	-5.702	0.031	0.005	0.77	-11.159	642.81	-711.51	
44071	4072	-0.002	20.088	-0.031	-0.005	-1.063	-111.313	-6411.54	7098.67	
44072	4072	0.007	20.062	0	-0.007	1.063	111.323	-6411.99	7099.48	
44072	4073	-0.007	-1.13	0	0.007	-1.06	21.116	1216.5	-1346.35	
44073	4073	0.007	1.13	0	0.01	1.06	-21.116	1216.5	-1346.35	
44073	4074	-0.007	17.803	0	-0.01	-1.058	-83.086	-4785.55	5298.77	
44074	4074	0	12.212	-0.27	-0.018	1.058	83.135	-4788.59	5301.65	
44074	4075	0	7.858	0.27	0.018	2.518	-54.292	-3127.2	3462.26	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	44075	4075	-0.02	2.758	-0.01	0.021	0.045	-33.014	1900.89	-2106.06
	44075	4076	0.02	14.647	0.01	-0.021	0.067	-36.82	-2121.57	2347.38
	44076	4076	-0.018	17.321	0.023	0.008	-0.067	36.97	-2130.11	2357.01
	44076	4077	0.018	-5.098	-0.023	-0.008	-0.127	55.516	3197.11	-3540.99
	44077	4077	-0.018	5.098	0.024	-0.005	0.127	-55.516	3197.11	-3540.99
	44077	4078	0.018	16.248	-0.024	0.005	-0.465	-24.81	-1429.67	1581.52
	44078	4078	-0.018	17.198	-0.021	-0.001	0.465	24.682	-1422.3	1573.35
	44078	4079	0.018	-0.57	0.021	0.001	-0.233	75.038	4321.55	-4785.91
	44079	4079	-0.018	0.57	-0.021	-0.001	0.233	-75.038	4321.55	-4785.91
	44079	4080	0.018	16.059	0.021	0.001	-0.001	-11.891	-685.57	757.68
	44080	4080	-0.017	16.358	0.005	0	0.001	11.666	-672.56	743.33
	44080	4081	0.017	0.267	-0.005	0	-0.052	78.62	4527.91	-5014.34
	44081	4081	-0.017	-0.267	0.005	0	0.052	-78.62	4527.91	-5014.34
	44081	4082	0.017	16.892	-0.005	0	-0.103	-17.662	-1017.93	1125.7
	44082	4082	-0.017	17.641	-0.001	-0.035	0.103	17.73	-1021.89	1130.08
	44082	4083	0.017	0.229	0.001	0.035	-0.093	87.283	5026.9	-5566.78
	44083	4083	-0.017	-0.229	-0.001	0.037	0.093	-87.283	5026.9	-5566.78
	44083	4084	0.017	18.1	0.001	-0.037	-0.084	-23.273	-1341.11	1483.51
	44084	4084	-0.017	16.36	-0.002	0.034	0.084	23.273	-1341.14	1483.55
	44084	4085	0.017	0.262	0.002	-0.034	-0.062	67.038	3860.76	-4275.7
	44085	4085	-0.017	-0.262	-0.002	-0.028	0.062	-67.038	3860.76	-4275.7
	44085	4086	0.017	16.898	0.002	0.028	-0.04	-29.308	-1688.74	1868.39
	44086	4086	-0.017	15.692	0.008	0.028	0.04	29.135	-1678.76	1857.35
	44086	4087	0.017	0.93	-0.008	-0.028	-0.127	53.676	3091.16	-3423.62
	44087	4087	-0.017	-0.93	0.008	-0.02	0.127	-53.676	3091.16	-3423.62
	44087	4088	0.017	17.551	-0.008	0.02	-0.213	-50	-2880.6	3187.97
	44088	4088	-0.017	15.212	-0.014	-0.004	0.213	50.2	-2892.11	3200.72
	44088	4089	0.017	5.321	0.014	0.004	-0.015	18.341	1055.85	-1170.24
	44089	4089	-0.017	-5.321	-0.014	0.01	0.015	-18.341	1055.85	-1170.24
	44089	4090	0.017	17.537	0.014	-0.01	0.103	-75.897	-4372.28	4839.48
	44090	4090	-0.016	15.253	-0.001	0.001	-0.103	76.085	-4383.09	4851.49
	44090	4091	0.016	2.166	0.001	-0.001	0.119	0.852	48.47	-54.88
	44091	4091	-0.029	1.866	0.017	0	-0.215	-2.814	161.08	-180.46
	44091	4092	0.029	17.467	-0.017	0	-0.01	-100.536	-5791.86	6410.29
	44092	4092	-0.026	18.051	0.008	-0.001	0.01	100.403	-5784.09	6401.92
	44092	4093	0.026	0.185	-0.008	0.001	-0.106	11.224	645.63	-716.7
	44093	4093	-0.026	-0.185	0.008	-0.001	0.106	-11.224	645.63	-716.7
	44093	4094	0.026	18.421	-0.008	0.001	-0.201	-105.028	-6050.5	6696.87
	44094	4094	-0.105	19.136	-0.023	-0.003	0.201	104.99	-6051.1	6691.63
	44094	4095	0.105	-5.266	0.023	0.003	0.017	10.975	628.45	-703.58
	44095	4095	-0.105	5.266	-0.023	0.005	-0.017	-10.975	628.45	-703.58
	44095	4096	0.105	6.049	0.023	-0.005	0.196	7.936	453.41	-509.79
	44096	4096	-0.105	-6.049	-0.023	-0.005	-0.196	-7.936	453.41	-509.79
	44096	4097	0.105	17.35	0.023	0.005	0.373	-82.662	-4765.05	5267.79
44097	4097	-0.106	17.888	0.015	-0.001	-0.373	82.665	-4765.24	5267.96	
44097	4098	0.106	-6.209	-0.015	0.001	0.252	13.761	788.93	-881.29	
44098	4098	-0.106	6.209	0.015	-0.001	-0.252	-13.761	788.93	-881.29	
44098	4099	0.106	5.456	-0.015	0.001	0.13	16.772	962.35	-1073.29	
44099	4099	-0.106	-5.456	0.015	-0.001	-0.13	-16.772	962.35	-1073.29	
44099	4100	0.106	17.135	-0.015	0.001	0.009	-73.626	-4244.55	4691.49	
44100	4100	-0.107	17.45	-0.006	0.004	-0.009	73.617	-4244.07	4690.88	
44100	4101	0.107	-8.69	0.006	-0.004	0.046	4.837	274.87	-312.24	
44101	4101	-0.107	8.69	-0.006	-0.004	-0.046	-4.837	274.87	-312.24	
44101	4102	0.107	0.069	0.006	0.004	0.081	30.71	1765.16	-1962.2	
44102	4102	-0.107	-0.069	-0.006	-0.003	-0.081	-30.71	1765.16	-1962.2	
44102	4103	0.107	8.814	0.006	0.003	0.117	4.096	232.16	-264.95	
44103	4103	-0.107	-8.814	-0.006	-0.003	-0.117	-4.096	232.16	-264.95	
44103	4104	0.107	17.573	0.006	0.003	0.152	-75.095	-4329.24	4785.18	
44104	4104	-0.107	17.057	-0.012	0.01	-0.152	75.099	-4329.44	4785.43	
44104	4105	0.107	-5.378	0.012	-0.01	0.252	14.681	841.88	-939.96	
44105	4105	-0.107	5.378	-0.012	-0.007	-0.252	-14.681	841.88	-939.96	
44105	4106	0.107	6.287	0.012	0.007	0.35	11.048	632.65	-708.31	
44106	4106	-0.107	-6.287	-0.012	-0.008	-0.35	-11.048	632.65	-708.31	
44106	4107	0.107	17.966	0.012	0.008	0.449	-86.001	-4957.38	5480.65	
44107	4107	-0.11	17.157	0.017	0	-0.449	86.018	-4958.48	5481.61	
44107	4108	0.11	-5.842	-0.017	0	0.32	3.143	177.16	-204.27	
44108	4108	-0.11	5.842	0.017	-0.004	-0.32	-3.143	177.16	-204.27	
44108	4109	0.11	5.457	-0.017	0.004	0.191	4.635	263.11	-299.43	
44109	4109	-0.11	-5.457	0.017	0	-0.191	-4.635	263.11	-299.43	
44109	4110	0.11	19.326	-0.017	0	0.033	-113.135	-6520.45	7210.94	
44110	4110	-0.112	19.176	0.015	0.004	-0.033	113.138	-6520.66	7211.04	
44110	4111	0.112	-0.929	-0.015	-0.004	-0.15	12.556	719.31	-804.65	
44111	4111	-0.112	0.929	0.015	-0.006	0.15	-12.556	719.31	-804.65	
44111	4112	0.112	17.302	-0.015	0.006	-0.334	-89.723	-5171.99	5717.86	
44112	4112	-0.114	11.844	-0.107	-0.001	0.334	89.748	-5173.49	5719.38	
44112	4113	0.114	7.497	0.107	0.001	1.089	-60.945	-3514.44	3882.57	

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	44113	4113	-0.028	2.304	-0.004	-0.004	0.114	-19.629	1129.67	-1252.78
	44113	4114	0.028	14.808	0.004	0.004	-0.063	-53.853	-3102.93	3433.32
	44114	4114	-0.029	17.513	0.01	-0.054	0.063	53.703	-3094.3	3423.67
	44114	4115	0.029	-5.514	-0.01	0.054	-0.147	41.186	2371.27	-2627.49
	44115	4115	-0.029	5.514	0.01	0.028	0.147	-41.186	2371.27	-2627.5
	44115	4116	0.029	15.412	-0.01	-0.028	-0.293	-29.948	-1726.05	1908.82
	44116	4116	-0.029	17.128	-0.01	-0.003	0.293	29.972	-1727.39	1910.31
	44116	4117	0.029	-0.789	0.01	0.003	-0.179	70.563	4063.43	-4500.95
	44117	4117	-0.029	0.789	-0.01	-0.003	0.179	-70.563	4063.43	-4500.95
	44117	4118	0.029	15.55	0.01	0.003	-0.066	-12.261	-707.28	780.91
	44118	4118	-0.029	16.246	0	-0.037	0.066	12.494	-720.7	795.77
	44118	4119	0.029	0.092	0	0.037	-0.068	78.141	4499.89	-4984.17
	44119	4119	-0.029	-0.092	0	0.032	0.068	-78.141	4499.89	-4984.17
	44119	4120	0.029	16.444	0	-0.032	-0.07	-14.717	-848.75	937.53
	44120	4120	-0.029	17.445	-0.003	-0.038	0.07	14.475	-834.76	922.08
	44120	4121	0.029	0.101	0.003	0.038	-0.029	90.034	5184.94	-5742.59
	44121	4121	-0.029	-0.101	-0.003	0.036	0.029	-90.034	5184.94	-5742.59
	44121	4122	0.029	17.662	0.003	-0.036	0.011	-17.089	-985.33	1088.78
	44122	4122	-0.029	16.137	-0.002	-0.031	-0.011	17.089	-985.33	1088.78
	44122	4123	0.029	0.2	0.002	0.031	0.037	72.326	4164.97	-4613.33
	44123	4123	-0.029	-0.2	-0.002	0.033	-0.037	-72.326	4164.97	-4613.33
	44123	4124	0.029	16.551	0.002	-0.033	0.062	-21.733	-1252.85	1384.96
	44124	4124	-0.028	15.46	0.001	0.001	-0.062	21.511	-1240	1370.76
	44124	4125	0.028	0.877	-0.001	-0.001	0.053	60.302	3472.38	-3846.52
	44125	4125	-0.028	-0.877	0.001	0.001	-0.053	-60.302	3472.38	-3846.52
	44125	4126	0.028	17.214	-0.001	-0.001	0.044	-41.193	-2373.73	2625.96
	44126	4126	-0.028	14.701	-0.017	-0.007	-0.044	40.999	-2362.55	2613.57
	44126	4127	0.028	5.304	0.017	0.007	0.276	23.558	1355.94	-1503.32
	44127	4127	-0.028	-5.304	-0.017	0.016	-0.276	-23.558	1355.94	-1503.32
	44127	4128	0.028	17.316	0.017	-0.016	0.416	-69.753	-4018.77	4447.25
	44128	4128	-0.031	14.911	0.032	0.005	-0.416	69.601	-4010.08	4437.48
	44128	4129	0.031	2.197	-0.032	-0.005	0.042	5.096	292.45	-326.04
	44129	4129	-0.052	2.099	0.062	-0.004	-0.357	-6.574	376.84	-421.06
	44129	4130	0.052	17.199	-0.062	0.004	-0.461	-93.465	-5385.43	5958.6
	44130	4130	-0.036	17.618	-0.114	0.004	0.461	93.362	-5378.92	5952.55
	44130	4131	0.036	0.587	0.114	-0.004	0.959	13.082	752.28	-835.56
	44131	4131	-0.036	-0.587	-0.114	-0.006	-0.959	-13.082	752.27	-835.57
	44131	4132	0.036	18.779	0.114	0.006	2.378	-107.86	-6214.02	6877.12
	44132	4132	-0.869	18.838	0.193	0.005	-2.378	96.987	-5616.95	6154.52
	44132	4133	0.869	-5.001	-0.193	-0.005	0.543	16.25	905.5	-1066.76
	44133	4133	-0.869	5.001	0.194	-0.004	-0.543	-16.25	905.5	-1066.75
	44133	4134	0.869	6.286	-0.194	0.004	-0.958	11.271	618.7	-749.22
	44134	4134	-0.869	-6.286	0.194	-0.004	0.958	-11.271	618.7	-749.22
	44134	4135	0.869	17.589	-0.194	0.004	-2.461	-81.364	-4717.06	5158.23
44135	4135	-0.861	18.06	-0.066	-0.002	2.461	81.485	-4723.76	5166.22	
44135	4136	0.861	-6.407	0.066	0.002	-1.936	16.394	914.06	-1075.65	
44136	4136	-0.861	6.407	-0.066	-0.002	1.936	-16.394	914.06	-1075.65	
44136	4137	0.861	5.246	0.066	0.002	-1.411	21.041	1181.73	-1372	
44137	4137	-0.861	-5.246	-0.066	-0.002	1.411	-21.041	1181.73	-1372	
44137	4138	0.861	16.898	0.066	0.002	-0.886	-67.544	-3920.73	4277.15	
44138	4138	-0.866	17.353	-0.022	-0.002	0.886	67.435	-3914.63	4270.05	
44138	4139	0.866	-8.613	0.022	0.002	-0.757	10.469	572.66	-698.01	
44139	4139	-0.866	8.613	-0.022	-0.002	0.757	-10.469	572.66	-698.01	
44139	4140	0.866	0.126	0.022	0.002	-0.628	35.931	2039.28	-2321.77	
44140	4140	-0.866	-0.126	-0.022	-0.002	0.628	-35.931	2039.28	-2321.77	
44140	4141	0.866	8.866	0.022	0.002	-0.498	8.951	485.22	-601.21	
44141	4141	-0.866	-8.866	-0.022	-0.002	0.498	-8.951	485.22	-601.21	
44141	4142	0.866	17.606	0.022	0.002	-0.369	-70.471	-4089.5	4463.66	
44142	4142	-0.866	16.864	-0.036	0.003	0.369	70.369	-4083.66	4457.17	
44142	4143	0.866	-5.211	0.036	-0.003	-0.084	17.94	1002.95	-1174.43	
44143	4143	-0.866	5.211	-0.036	0.003	0.084	-17.94	1002.95	-1174.43	
44143	4144	0.866	6.442	0.036	-0.003	0.202	13.017	719.42	-860.53	
44144	4144	-0.866	-6.442	-0.035	-0.014	-0.202	-13.017	719.42	-860.53	
44144	4145	0.866	18.094	0.035	0.014	0.479	-85.134	-4934.11	5398.74	
44145	4145	-0.86	17.137	-0.012	-0.002	-0.479	85.049	-4929.02	5393.55	
44145	4146	0.86	-5.863	0.012	0.002	0.572	3.969	198.42	-283.25	
44146	4146	-0.86	5.863	-0.011	-0.007	-0.572	-3.969	198.42	-283.25	
44146	4147	0.86	5.426	0.011	0.007	0.657	5.662	295.96	-391.24	
44147	4147	-0.86	-5.426	-0.012	-0.003	-0.657	-5.662	295.96	-391.24	
44147	4148	0.86	19.264	0.012	0.003	0.767	-111.623	-6459.68	7088.22	
44148	4148	-0.892	19.328	0.034	-0.004	-0.767	111.673	-6463.64	7090.25	
44148	4149	0.892	-1.121	-0.034	0.004	0.34	16.147	898.79	-1061.01	
44149	4149	-0.892	1.121	0.034	-0.004	-0.34	-16.147	898.79	-1061.01	
44149	4150	0.892	17.087	-0.034	0.004	-0.087	-83.648	-4849.43	5303.08	
44150	4150	-0.891	10.711	-0.057	-0.014	0.087	83.647	-4849.33	5303.06	
44150	4151	0.891	8.589	0.057	0.014	0.662	-69.583	-4039.23	4406.17	

SPAN 6 -- Cumulative Affects thru Day 85

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	44151	4151	-0.819	2.674	-0.003	0.008	-0.109	-26.239	1482.62	-1702.02
	44151	4152	0.819	15.178	0.003	-0.008	0.146	-47.229	-2749.12	2983.11
	44152	4152	-0.819	17.671	0.002	-0.017	-0.146	47.228	-2749.1	2983.09
	44152	4153	0.819	-5.137	-0.002	0.017	0.127	46.86	2670.42	-3017.09
	44153	4153	-0.819	5.137	0.002	0.006	-0.127	-46.86	2670.42	-3017.09
	44153	4154	0.819	15.739	-0.002	-0.006	0.101	-25.984	-1525.42	1628.3
	44154	4154	-0.819	17.38	0.001	0.032	-0.101	25.984	-1525.43	1628.31
	44154	4155	-0.819	-0.668	-0.001	-0.032	0.088	73.29	4192.74	-4702.52
	44155	4155	0.819	0.668	0.002	-0.035	-0.088	-73.29	4192.74	-4702.52
	44155	4156	0.819	16.044	-0.002	0.035	0.066	-11.288	-678.93	691.12
	44156	4156	-0.819	15.631	0.001	0.035	-0.066	11.289	-679	691.19
	44156	4157	0.819	-0.423	-0.001	-0.035	0.051	69.066	3949.47	-4433.19
	44157	4157	-0.819	0.423	0.002	-0.034	-0.051	-69.066	3949.47	-4433.19
	44157	4158	0.819	14.786	-0.002	0.034	0.029	-2.827	-191.57	151.54
	44158	4158	-0.819	14.337	0.002	0.035	-0.029	2.631	-180.29	139.06
	44158	4159	0.819	0.871	-0.002	-0.035	0.01	64.77	3702.04	-4159.24
	44159	4159	-0.819	-0.871	0.003	-0.029	-0.01	-64.77	3702.04	-4159.24
	44159	4160	0.819	16.08	-0.003	0.029	-0.017	-20.076	-1185.13	1251.55
	44160	4160	-0.819	15.57	0.001	0.004	0.017	20.077	-1185.16	1251.59
	44160	4161	0.819	1.142	-0.001	-0.004	-0.031	59.283	3385.96	-3809.3
	44161	4161	-0.819	-1.142	0.001	0.005	0.031	-59.283	3385.96	-3809.3
	44161	4162	0.819	17.84	-0.001	-0.005	-0.045	-45.032	-2622.6	2843.04
	44162	4162	-0.819	15.482	0.005	-0.009	0.045	45.195	-2631.97	2853.45
	44162	4163	0.819	5.408	-0.005	0.009	-0.116	24.066	1357.5	-1563.47
	44163	4163	-0.819	-5.408	0.004	0.026	0.116	-24.066	1357.5	-1563.47
	44163	4164	0.819	17.943	-0.004	-0.026	-0.149	-72.268	-4191.35	4579.9
	44164	4164	-0.818	15.54	-0.004	0.001	0.149	72.139	-4183.91	4571.7
	44164	4165	0.818	2.312	0.004	-0.001	-0.1	5.584	292.92	-384.78
	44165	4165	-0.851	2.218	-0.003	0.004	0.136	-6.702	356.17	-457.22
	44165	4166	0.851	18.434	0.003	-0.004	-0.097	-100.66	-5827.84	6389.37
	44166	4166	-0.852	19.194	-0.001	0.002	0.097	100.765	-5833.96	6396.02
	44166	4167	0.852	0.304	0.001	-0.002	-0.08	17.312	967.26	-1133.9
	44167	4167	-0.852	-0.304	-0.001	0.002	0.08	-17.312	967.26	-1133.9
	44167	4168	0.852	19.801	0.001	-0.002	-0.064	-108.355	-6271.13	6880.03
	44168	4168	-0.857	20.503	-0.001	0.008	0.064	108.466	-6277.7	6886.99
	44168	4169	0.857	-5.684	0.001	-0.008	-0.057	15.933	887.7	-1046.14
	44169	4169	-0.857	5.684	0	-0.004	0.057	-15.933	887.7	-1046.14
	44169	4170	0.857	6.404	0	0.004	-0.057	13.144	727.03	-868.25
	44170	4170	-0.857	-6.404	0	-0.004	0.057	-13.144	727.03	-868.25
	44170	4171	0.857	18.493	0	0.004	-0.057	-83.339	-4830.36	5284.58
44171	4171	-0.857	19.283	-0.002	0	0.057	83.34	-4830.42	5284.64	
44171	4172	0.857	-6.805	0.002	0	-0.044	21.021	1180.77	-1370.6	
44172	4172	-0.857	6.805	-0.002	0	0.044	-21.021	1180.77	-1370.6	
44172	4173	0.857	5.674	0.002	0	-0.031	25.544	1441.31	-1659.06	
44173	4173	-0.857	-5.674	-0.002	0	0.031	-25.544	1441.31	-1659.06	
44173	4174	0.857	18.152	0.002	0	-0.017	-69.77	-4048.8	4419.27	
44174	4174	-0.857	18.668	-0.001	0	0.017	69.671	-4043.1	4412.94	
44174	4175	0.857	-9.31	0.001	0	-0.014	14.271	791.96	-940.16	
44175	4175	-0.857	9.31	-0.001	0	0.014	-14.271	791.96	-940.16	
44175	4176	0.857	0.049	0.001	0	-0.01	42.055	2392.31	-2711.97	
44176	4176	-0.857	-0.049	-0.001	0	0.01	-42.055	2392.31	-2711.97	
44176	4177	0.857	9.408	0.001	0	-0.007	13.681	757.96	-902.51	
44177	4177	-0.857	-9.408	-0.001	0	0.007	-13.681	757.96	-902.51	
44177	4178	0.857	18.767	0.001	0	-0.003	-70.851	-4111.1	4488.22	
44178	4178	-0.857	18.115	-0.001	0.007	0.003	70.752	-4105.4	4481.87	
44178	4179	0.857	-5.652	0.001	-0.007	0.006	24.21	1364.39	-1573.98	
44179	4179	-0.857	5.652	-0.001	0.007	-0.006	-24.21	1364.39	-1573.98	
44179	4180	0.857	6.826	0.001	-0.007	0.015	19.515	1093.98	-1274.59	
44180	4180	-0.857	-6.826	0	-0.018	-0.015	-19.515	1093.98	-1274.59	
44180	4181	0.857	19.304	0	0.018	0.015	-85.015	-4926.94	5391.43	
44181	4181	-0.861	18.298	-0.001	0.003	-0.015	85.108	-4932.44	5397.25	
44181	4182	0.861	-6.209	0.001	-0.003	0.019	9.865	538.01	-659.32	
44182	4182	-0.861	6.209	0.001	-0.01	-0.019	-9.865	538.01	-659.32	
44182	4183	0.861	5.879	-0.001	0.01	0.014	11.142	611.59	-740.78	
44183	4183	-0.861	-5.879	0	-0.001	-0.014	-11.142	611.59	-740.78	
44183	4184	0.861	20.698	0	0.001	0.015	-115.11	-6660.57	7310.54	
44184	4184	-0.861	20.587	-0.008	-0.004	-0.015	115.11	-6660.56	7310.53	
44184	4185	0.861	-1.09	0.008	0.004	0.118	20.384	1143.93	-1330.15	
44185	4185	-0.861	1.09	-0.008	-0.004	-0.118	-20.384	1143.93	-1330.15	
44185	4186	0.861	18.408	0.008	0.004	0.221	-87.864	-5091.2	5573.02	
44186	4186	-0.861	13.02	0.012	-0.019	-0.221	87.863	-5091.14	5572.94	
44186	4187	0.861	7.648	-0.012	0.019	0.065	-52.269	-3040.92	3303.06	

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	44187	4187	-0.631	3.149	0	0.012	-0.021	-37.418	2133.14	-2408.33
	44187	4188	0.631	15.969	0	-0.012	0.018	-37.907	-2205.58	2395.25
	44188	4188	-0.631	18.511	0	-0.022	-0.018	37.906	-2205.54	2395.21
	44188	4189	0.631	-5.088	0	0.022	0.016	59.45	3402.19	-3813.36
	44189	4189	-0.631	5.088	0	0.008	-0.016	-59.45	3402.19	-3813.36
	44189	4190	0.631	17.267	0	-0.008	0.018	-24.225	-1417.51	1522.74
	44190	4190	-0.631	18.43	0	0.034	-0.018	24.225	-1417.52	1522.75
	44190	4191	0.631	-0.533	0	-0.034	0.021	80.079	4590.39	-5128.86
	44191	4191	-0.631	0.533	0	-0.039	-0.021	-80.079	4590.39	-5128.86
	44191	4192	0.631	17.364	0	0.039	0.017	-12.503	-742.29	775.19
	44192	4192	-0.631	16.652	0.002	0	-0.017	12.504	-742.34	775.24
	44192	4193	0.631	-0.301	-0.002	0	-0.003	72.695	4165.12	-4658.02
	44193	4193	-0.631	0.301	0.002	0	0.003	-72.695	4165.12	-4658.02
	44193	4194	0.631	16.051	-0.002	0	-0.023	-6.455	-393.96	389.53
	44194	4194	-0.631	15.382	0.002	-0.031	0.023	6.263	-382.85	377.25
	44194	4195	0.631	0.953	-0.002	0.031	-0.042	66.174	3789.5	-4242.14
	44195	4195	-0.631	-0.953	0.001	0.034	0.042	-66.174	3789.5	-4242.14
	44195	4196	0.631	17.305	-0.001	-0.034	-0.054	-25.583	-1495.71	1609.33
	44196	4196	-0.631	16.676	-0.001	-0.024	0.054	25.773	-1506.63	1621.43
	44196	4197	0.631	1.221	0.001	0.024	-0.046	59.235	3389.82	-3799.63
	44197	4197	-0.631	-1.221	-0.001	0.03	0.046	-59.235	3389.82	-3799.63
	44197	4198	0.631	19.118	0.001	-0.03	-0.032	-52.643	-3054.34	3334.97
	44198	4198	-0.631	16.649	0.003	0.007	0.032	52.642	-3054.32	3334.95
	44198	4199	0.631	5.723	-0.003	-0.007	-0.075	22.48	1272.72	-1455.7
	44199	4199	-0.631	-5.723	0.003	-0.004	0.075	-22.48	1272.72	-1455.7
	44199	4200	0.631	19.146	-0.003	0.004	-0.104	-80.112	-4636.59	5086.74
	44200	4200	-0.631	16.832	-0.003	0.005	0.104	79.971	-4628.5	5077.73
	44200	4201	0.631	2.27	0.003	-0.005	-0.072	5.515	295.54	-373.88
	44201	4201	-0.638	2.512	-0.007	-0.002	0.221	-8.726	480.24	-578.84
	44201	4202	0.638	19.889	0.007	0.002	-0.131	-106.404	-6151.23	6763.15
	44202	4202	-0.638	20.727	0.012	0	0.131	106.405	-6151.29	6763.19
	44202	4203	0.638	0.406	-0.012	0	-0.286	20.611	1164.81	-1336.78
	44203	4203	-0.638	-0.406	0.012	0	0.286	-20.611	1164.81	-1336.78
	44203	4204	0.638	21.539	-0.012	0	-0.441	-116.558	-6736.11	7410.66
	44204	4204	-0.638	22.183	-0.005	0.002	0.441	116.558	-6736.11	7410.69
	44204	4205	0.638	-6.122	0.005	-0.002	-0.393	17.903	1008.83	-1164.06
	44205	4205	-0.638	6.122	-0.005	-0.012	0.393	-17.903	1008.83	-1164.06
	44205	4206	0.638	6.98	0.005	0.012	-0.357	14.577	817.24	-951.94
	44206	4206	-0.638	-6.98	-0.005	0.007	0.357	-14.577	817.24	-951.94
	44206	4207	0.638	20.083	0.005	-0.007	-0.314	-90.303	-5223.82	5736.37
	44207	4207	-0.637	20.752	-0.043	-0.018	0.314	90.3	-5223.63	5736.21
	44207	4208	0.637	-7.227	0.043	0.018	0.028	21.623	1223.16	-1401.31
	44208	4208	-0.637	7.227	-0.044	0.009	-0.028	-21.623	1223.16	-1401.31
	44208	4209	0.637	6.298	0.044	-0.009	0.377	25.339	1437.19	-1638.27
44209	4209	-0.637	-6.298	-0.044	0.009	-0.377	-25.339	1437.19	-1638.27	
44209	4210	0.637	19.823	0.044	-0.009	0.726	-79.155	-4581.69	5025.5	
44210	4210	-0.645	20.229	-0.011	-0.001	-0.726	79.023	-4574.35	5016.79	
44210	4211	0.645	-10.085	0.011	0.001	0.791	11.929	664.48	-783.34	
44211	4211	-0.645	10.085	-0.011	0	-0.791	-11.929	664.48	-783.34	
44211	4212	0.645	0.041	0.011	0	0.855	42.014	2397.36	-2701.89	
44212	4212	-0.645	-0.041	-0.011	-0.001	-0.855	-42.014	2397.36	-2701.89	
44212	4213	0.645	10.185	0.011	0.001	0.919	11.332	630.09	-745.26	
44213	4213	-0.645	-10.185	-0.011	-0.001	-0.919	-11.332	630.09	-745.26	
44213	4214	0.645	20.329	0.011	0.001	0.984	-80.218	-4643.17	5092.98	
44214	4214	-0.637	19.808	0.035	-0.001	-0.984	80.35	-4650.54	5101.69	
44214	4215	0.637	-6.284	-0.035	0.001	0.704	24.026	1361.52	-1554.52	
44215	4215	-0.637	6.284	0.035	-0.001	-0.704	-24.026	1361.52	-1554.52	
44215	4216	0.637	7.241	-0.035	0.001	0.425	20.195	1140.87	-1310.23	
44216	4216	-0.637	-7.241	0.035	-0.001	-0.425	-20.195	1140.87	-1310.23	
44216	4217	0.637	20.766	-0.035	0.001	0.145	-91.843	-5312.5	5834.57	
44217	4217	-0.644	19.851	-0.002	0.005	-0.145	91.948	-5318.84	5841.07	
44217	4218	0.644	-6.749	0.002	-0.005	0.164	11.136	618.8	-732.74	
44218	4218	-0.644	6.749	-0.002	-0.009	-0.164	-11.136	618.8	-732.74	
44218	4219	0.644	6.353	0.002	0.009	0.177	12.67	707.16	-830.58	
44219	4219	-0.644	-6.353	-0.002	0.004	-0.177	-12.67	707.16	-830.58	
44219	4220	0.644	22.414	0.002	-0.004	0.199	-123.984	-7164.08	7884.01	
44220	4220	-0.583	22.331	0.086	0	-0.199	123.971	-7161.21	7885.37	
44220	4221	0.583	-1.2	-0.086	0	-0.876	23.1	1310.07	-1493.55	
44221	4221	-0.583	1.2	0.086	0	0.876	-23.1	1310.07	-1493.55	
44221	4222	0.583	19.931	-0.086	0	-1.951	-93.971	-5433.21	5972.23	
44222	4222	-0.579	14.732	-0.551	0.007	1.951	93.843	-5425.7	5964.19	
44222	4223	0.579	7.667	0.551	-0.007	5.344	-47.036	-2729.59	2979.22	

SPAN 8 -- Cumulative Affects thru Day 40

PIER 8 -- Cumulative Affects thru Day 47

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 9 -- Cumulative Affects thru Day 26	44223	4223	-0.452	2.799	0.003	-0.009	-0.119	-31.001	1769.81	-1992.87
	44223	4224	0.452	17.904	-0.003	0.009	0.083	-57.745	-3341.99	3666.63
	44224	4224	-0.453	21.303	0.014	0.011	-0.083	57.603	-3333.82	3657.54
	44224	4225	0.453	-6.781	-0.014	-0.011	-0.036	58.122	3331.95	-3722.43
	44225	4225	-0.453	6.781	0.015	-0.005	0.036	-58.122	3331.95	-3722.43
	44225	4226	0.453	20.869	-0.015	0.005	-0.266	-52.409	-3034.67	3326.33
	44226	4226	-0.453	21.482	-0.003	0.231	0.266	52.351	-3031.31	3322.63
	44226	4227	0.453	-0.388	0.003	-0.231	-0.231	78.564	4509.41	-5026.03
	44227	4227	-0.453	0.388	0	-0.229	0.231	-78.564	4509.41	-5026.03
	44227	4228	0.453	20.709	0	0.229	-0.229	-43.093	-2498.04	2732.22
	44228	4228	-0.453	20.87	0.013	0.001	0.229	43.216	-2505.12	2740.04
	44228	4229	0.453	0.232	-0.013	-0.001	-0.38	80.364	4613.05	-5140.8
	44229	4229	-0.453	-0.232	0.013	0.001	0.38	-80.364	4613.05	-5140.8
	44229	4230	0.453	21.333	-0.013	-0.001	-0.532	-48.768	-2824.91	3094.1
	44230	4230	-0.452	20.757	-0.006	0.301	0.532	48.794	-2826.4	3095.77
	44230	4231	0.452	0.785	0.006	-0.301	-0.453	73.294	4205.84	-4689.92
	44231	4231	-0.452	-0.785	-0.003	-0.3	0.453	-73.294	4205.84	-4689.92
	44231	4232	0.452	22.316	0.003	0.3	-0.42	-67.856	-3924.38	4311.39
	44232	4232	-0.449	21.065	0.013	-0.029	0.42	68.064	-3936.23	4324.74
	44232	4233	0.449	0.047	-0.013	0.029	-0.58	57.858	3316.86	-3705.47
	44233	4233	-0.449	-0.047	0.013	0.026	0.58	-57.858	3316.86	-3705.47
	44233	4234	0.449	21.211	-0.013	-0.026	-0.736	-69.816	-4037.15	4436.48
	44234	4234	-0.448	16.898	-0.053	0.059	0.736	69.842	-4038.59	4438.19
	44234	4235	0.448	2.115	0.053	-0.059	-0.16	9.919	555.63	-648.26
	44235	4235	-0.465	1.96	-0.285	-0.082	2.357	-8.131	452.03	-534.81
	44235	4236	0.465	16.629	0.285	0.082	0.472	-64.678	-3741.73	4108.28
	44236	4236	-0.487	17.295	0.189	-0.004	-0.472	64.761	-3747.34	4112.83
	44236	4237	0.487	1.538	-0.189	0.004	-1.428	14.479	816.89	-940.43
	44237	4237	-0.487	-1.538	0.189	-0.01	1.428	-14.479	816.89	-940.42
	44237	4238	0.487	21.515	-0.189	0.01	-3.446	-108.493	-6266.29	6901.68
	44238	4238	-0.441	23.989	-0.166	0.127	3.446	108.576	-6269.49	6908.59
	44238	4239	0.441	-0.373	0.166	-0.127	-1.351	45.047	2579.24	-2888.21
	44239	4239	-0.442	0.373	-0.163	-0.149	1.351	-45.047	2579.2	-2888.24
44239	4240	0.442	21.883	0.163	0.149	0.59	-82.774	-4783.29	5263.09	
44240	4240	-0.454	20.215	-0.057	-0.002	-0.59	82.741	-4781.82	5260.6	
44240	4241	0.454	-2.114	0.057	0.002	1.141	25.176	1434.23	-1621.46	
44241	4241	-0.454	2.114	-0.057	0	-1.141	-25.176	1434.23	-1621.46	
44241	4242	0.454	16.512	0.057	0	1.708	-46.428	-2690.19	2944.87	
44242	4242	-0.445	17.922	-0.066	-0.009	-1.708	46.517	-2694.98	2950.81	
44242	4243	0.445	0.892	0.066	0.009	2.374	39.038	2232.95	-2505.11	
44243	4243	-0.445	-0.892	-0.067	0.016	-2.374	-39.038	2232.95	-2505.11	
44243	4244	0.445	18.842	0.067	-0.016	3.013	-55.541	-3214.8	3526.33	
44244	4244	-0.452	18.615	0.047	0.127	-3.013	55.427	-3208.44	3518.8	
44244	4245	0.452	-1.331	-0.047	-0.127	2.579	36.628	2093.93	-2351.68	
44245	4245	-0.451	1.331	0.05	-0.105	-2.579	-36.628	2093.95	-2351.67	
44245	4246	0.451	18.125	-0.05	0.105	2.061	-50.62	-2931.57	3212.29	
44246	4246	-0.409	16.653	-0.103	0.005	-2.061	50.586	-2928.08	3211.58	
44246	4247	0.409	2.371	0.103	-0.005	3.108	21.961	1250.62	-1414.83	
44247	4247	-0.409	-2.371	-0.103	0.001	-3.108	-21.961	1250.62	-1414.84	
44247	4248	0.409	20.079	0.103	-0.001	4.083	-84.184	-4863.37	5354.22	
44248	4248	-0.299	21.665	0.352	0.257	-4.083	84.895	-4900.44	5403.35	
44248	4249	0.299	3.374	-0.352	-0.257	-0.617	37.395	2143.45	-2395.24	
44249	4249	-0.294	-3.374	0.356	-0.304	0.617	-37.395	2143.61	-2395.03	
44249	4250	0.294	24.213	-0.356	0.304	-4.579	-116.103	-6697.83	7393.71	
44250	4250	-0.182	22.516	-0.176	-0.005	4.579	116.311	-6705.91	7410.96	
44250	4251	0.182	1.806	0.176	0.005	-2.297	18.18	1040.79	-1165.74	
44251	4251	-0.182	-1.806	-0.176	0.004	2.297	-18.18	1040.79	-1165.73	
44251	4252	0.182	17.975	0.176	-0.004	-0.779	-67.226	-3878.56	4280.7	
44252	4252	-0.19	15.726	-0.036	-0.031	0.779	67.193	-3876.97	4278.3	
44252	4253	0.19	6.149	0.036	0.031	-0.354	-11.259	-655.17	711.31	
44253	4253	-0.19	-6.149	-0.035	0.036	0.354	11.259	-655.18	711.3	
44253	4254	0.19	24.761	0.035	-0.036	-0.004	-164.863	-9502.79	10506.87	

PIER 9 -- Cumulative Affects thru Day 33

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 10 -- Cumulative Affects thru Day 5	44254	4254	0.017	23.501	-0.013	-0.008	0.391	51.59	-2970.97	3290.52
	44254	4255	-0.017	1.412	0.013	0.008	-0.228	87.638	5048.52	-5588.2
	44255	4255	0.017	-1.412	-0.013	0.041	0.228	-87.638	5048.52	-5588.2
	44255	4256	-0.017	24.91	0.013	-0.041	-0.074	-68.853	-3965.35	4391.45
	44256	4256	0.017	23.976	0.02	0.307	0.074	69.088	-3978.87	4406.4
	44256	4257	-0.017	-1.551	-0.02	-0.307	-0.3	75.742	4363.32	-4829.6
	44257	4257	0.017	1.551	0.02	-0.265	0.3	-75.742	4363.34	-4829.6
	44257	4258	-0.017	21.591	-0.02	0.265	-0.531	-41.592	-2395.12	2652.98
	44258	4258	0.017	22.639	0.009	0.047	0.531	41.612	-2396.28	2654.26
	44258	4259	-0.017	0.359	-0.009	-0.047	-0.64	88.026	5070.86	-5612.93
	44259	4259	0.017	-0.359	0.009	-0.018	0.64	-88.026	5070.86	-5612.93
	44259	4260	-0.017	22.921	-0.009	0.018	-0.746	-44.858	-2583.25	2861.27
	44260	4260	0.017	22.166	0.005	0.468	0.746	44.803	-2580.06	2857.75
	44260	4261	-0.017	0.695	-0.005	-0.468	-0.799	79.381	4572.96	-5061.66
	44261	4261	0.017	-0.695	0.004	-0.453	0.799	-79.381	4572.97	-5061.67
	44261	4262	-0.017	23.372	-0.004	0.453	-0.849	-58.705	-3380.78	3744.27
	44262	4262	0.018	22.644	0.02	-0.001	0.849	58.831	-3388.02	3752.33
	44262	4263	-0.018	2.449	-0.02	0.001	-1.107	69.377	3996.73	-4423.64
	44263	4263	0.018	-2.449	0.02	0.002	1.107	-69.377	3996.73	-4423.64
	44263	4264	-0.018	25.165	-0.02	-0.002	-1.341	-89.33	-5144.76	5697.29
	44264	4264	0.016	23.727	-0.032	0.104	1.341	89.41	-5149.42	5702.35
	44264	4265	-0.016	1.598	0.032	-0.104	-0.935	52.379	3017.58	-3339.69
	44265	4265	0.016	-1.598	-0.032	-0.138	0.935	-52.379	3017.57	-3339.69
	44265	4266	-0.016	25.021	0.032	0.138	-0.559	-105.368	-6068.63	6720.03
	44266	4266	0.172	26.421	11.097	-6.916	-213.858	270.392	-1884.65	6828.02
	44266	4267	-0.172	-5.857	-11.097	6.916	98.394	-102.462	-713.74	2587.82
	44267	4267	0.173	5.857	11.097	-6.911	-98.394	102.462	-713.74	2587.83
44267	4268	-0.173	12.146	-11.097	6.911	-2.695	-131.109	-913.48	3311.15	
44268	4268	0.02	23.236	-0.201	-0.02	2.695	131.012	-7545.58	8355.51	
44268	4269	-0.02	3.52	0.201	0.02	-0.011	0.364	21.67	-22.51	
44269	4269	0.018	-3.52	-0.202	-0.024	0.011	-0.364	21.58	-22.58	
44269	4270	-0.018	24.807	0.202	0.024	2.126	-149.799	-8627.82	9553.54	
44270	4270	-0.058	30.445	0.088	-0.019	-2.126	149.456	-8610.66	9528.97	
44270	4271	0.058	-2.801	-0.088	0.019	0.915	79.415	4572.3	-5066.45	
44271	4271	-0.058	2.801	0.088	-0.006	-0.915	-79.415	4572.3	-5066.45	
44271	4272	0.058	18.1	-0.088	0.006	0	-0.217	-14.5	11.8	
44372	4372	-0.05	14.351	-0.253	0.009	0	0.17	-11.55	9.08	
44372	4373	0.05	4.141	0.253	-0.009	3.135	63.006	3627.41	-4019.76	
44373	4373	-0.05	-4.141	-0.253	-0.023	-3.135	-63.006	3627.4	-4019.77	
44373	4374	0.05	21.845	0.253	0.023	6.137	-90.946	-5240.22	5797.97	
44374	4374	-0.03	17.984	0.444	0.003	-6.137	90.686	-5224.55	5782.14	
44374	4375	0.03	-0.585	-0.444	-0.003	0.971	17.43	1002.92	-1112.56	
44375	4375	-0.029	0.585	0.444	-0.007	-0.971	-17.43	1002.93	-1112.55	
44375	4376	0.029	14.795	-0.444	0.007	-3.596	-55.7	-3209.35	3551.04	
44376	4376	-0.02	15.918	-0.198	0.163	3.596	55.925	-3222	3565.72	
44376	4377	0.02	1.026	0.198	-0.163	-1.347	28.515	1641.77	-1819.17	
44377	4377	-0.023	-1.026	-0.198	-0.181	1.347	-28.515	1641.68	-1819.25	
44377	4378	0.023	17.63	0.198	0.181	0.855	-75.137	-4328.68	4790.79	
44378	4378	-0.139	17.478	0.108	-0.012	-0.855	75.092	-4330.19	4783.88	
44378	4379	0.139	0.154	-0.108	0.012	-0.414	27.126	1557.57	-1734.72	
44379	4379	-0.139	-0.154	0.107	-0.003	0.414	-27.126	1557.57	-1734.72	
44379	4380	0.139	18.424	-0.107	0.003	-1.729	-86.455	-4984.7	5508.51	
44380	4380	-0.152	16.135	-0.165	-0.014	1.729	86.539	-4989.98	5513.42	
44380	4381	0.152	0.14	0.165	0.014	0.068	0.573	27.66	-41.83	
44381	4381	-0.153	-0.14	-0.164	-0.018	-0.068	-0.572	27.61	-41.87	
44381	4382	0.153	14.73	0.164	0.018	1.668	-72.031	-4154.33	4588.14	
44382	4382	-0.144	16.859	0.074	-0.007	-1.668	71.837	-4142.88	4576.09	
44382	4383	0.144	0.57	-0.074	0.007	0.803	23.167	1329.34	-1482.45	
44383	4383	-0.144	-0.57	0.074	-0.018	-0.803	-23.167	1329.34	-1482.45	
44383	4384	0.144	18.031	-0.074	0.018	-0.065	-85.517	-4930.87	5448.51	

PIER 10 -- Cumulative Affects thru Day 19

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 11 -- Cumulative Affects thru Day 12	44384	4384	-0.118	16.218	-0.02	0.009	0.377	41.978	-2422.08	2672.88	
	44384	4385	0.118	2.31	0.02	-0.009	-0.125	44.98	2586.68	-2872.54	
	44385	4385	-0.118	-2.31	-0.02	-0.016	0.125	-44.98	2586.68	-2872.54	
	44385	4386	0.118	17.443	0.02	0.016	0.08	-55.891	-3223.44	3560.09	
	44386	4386	-0.113	18.652	0.003	0.275	-0.08	56.204	-3241.31	3580.23	
	44386	4387	0.113	-0.944	-0.003	-0.275	0.04	60.893	3503.44	-3887.18	
	44387	4387	-0.113	0.944	0.004	-0.256	-0.04	-60.893	3503.45	-3887.18	
	44387	4388	0.113	17.21	-0.004	0.256	-0.014	-38.753	-2236.14	2467.36	
	44388	4388	-0.11	18.301	0	0.006	0.014	39.249	-2264.61	2499.08	
	44388	4389	0.11	0.568	0	-0.006	-0.01	73.662	4239.03	-4701.37	
	44389	4389	-0.11	-0.568	0	0.021	0.01	-73.662	4239.03	-4701.37	
	44389	4390	0.11	17.566	0	-0.021	-0.007	-30.345	-1751.76	1931.28	
	44390	4390	-0.11	18.126	0.013	0.316	0.007	30.273	-1747.56	1926.68	
	44390	4391	0.11	1.381	-0.013	-0.316	-0.174	79.954	4601.51	-5102.64	
	44391	4391	-0.11	-1.381	0.014	-0.338	0.174	-79.954	4601.5	-5102.64	
	44391	4392	0.11	17.737	-0.014	0.338	-0.323	-25.559	-1476.03	1626.07	
	44392	4392	-0.11	17.681	-0.041	0.035	0.323	25.594	-1478.09	1628.32	
	44392	4393	0.11	0.69	0.041	-0.035	0.182	79.734	4588.82	-5088.62	
	44393	4393	-0.11	-0.69	-0.041	0.005	-0.182	-79.734	4588.82	-5088.62	
	44393	4394	0.11	18.178	0.041	-0.005	0.663	31.607	-1824.42	2011.75	
	44394	4394	-0.107	18.286	0.145	0.423	-0.663	31.394	-1812.04	1998.26	
	44394	4395	0.107	-0.705	-0.145	-0.423	-1.061	81.27	4677.39	-5186.46	
	44395	4395	-0.106	0.705	0.146	-0.365	1.061	-81.27	4677.46	-5186.43	
	44395	4396	0.106	17.564	-0.146	0.365	-2.866	-22.659	-1308.85	1441.26	
	44396	4396	-0.106	14.653	-0.515	0.007	2.866	23.018	-1329.58	1464.19	
	44396	4397	0.106	3.264	0.515	-0.007	3.362	45.841	2636.73	-2927.09	
	44397	4397	-0.106	-3.264	-0.515	0.026	-3.362	-45.841	2636.74	-2927.08	
	44397	4398	0.106	21.209	0.515	-0.026	9.6	-102.35	-5899.05	6523.26	
	44398	4398	-0.099	25.711	0.318	0.243	-9.6	102.088	-5883.73	6506.78	
	44398	4399	0.099	-6.948	-0.318	-0.243	5.568	104.691	6026.69	-6679.76	
	44399	4399	-0.098	6.948	0.319	-0.106	-5.568	-104.691	6026.74	-6679.73	
	44399	4400	0.098	11.756	-0.319	0.106	1.545	74.341	4278.61	-4744.31	
	44400	4400	-0.098	-11.756	0.319	-0.173	-1.545	-74.341	4278.61	-4744.29	
	44400	4401	0.098	18.935	-0.319	0.173	0	-0.007	-3.87	-2.97	
	PIER 10 -- Cumulative Affects thru Day 19	44572	4572	-0.02	14.426	-0.142	0.006	0	0.003	-0.84	-0.52
		44572	4573	0.02	4.074	0.142	-0.006	1.754	64.088	3690.76	-4087.65
		44573	4573	-0.02	-4.074	-0.142	-0.017	-1.754	-64.088	3690.76	-4087.65
		44573	4574	0.02	21.648	0.142	0.017	3.421	-87.184	-5022.48	5559.15
		44574	4574	-0.026	17.516	0.077	0.001	-3.421	87.292	-5028.92	5565.83
		44574	4575	0.026	-0.399	-0.077	-0.001	2.539	15.321	881.58	-977.94
		44575	4575	-0.026	0.399	0.077	-0.005	-2.539	-15.321	881.58	-977.94
		44575	4576	0.026	14.82	-0.077	0.005	1.755	-58.118	-3348.51	3705.38
		44576	4576	-0.031	16.124	0.209	0.181	-1.755	58.201	-3353.46	3710.5
		44576	4577	0.031	0.87	-0.209	-0.181	-0.625	28.546	1643.19	-1821.52
44577		4577	-0.028	-0.87	0.21	-0.188	0.625	-28.546	1643.29	-1821.42	
44577		4578	0.028	17.754	-0.21	0.188	-2.994	-76.684	-4417.99	4889.28	
44578		4578	0.088	17.385	-0.111	-0.021	2.994	76.696	-4414.62	4894.15	
44578		4579	-0.088	-0.05	0.111	0.021	-1.704	24.447	1411.27	-1555.94	
44579		4579	0.088	0.05	-0.111	-0.005	1.704	-24.447	1411.27	-1555.94	
44579		4580	-0.088	18.397	0.111	0.005	-0.333	-88.804	-5112.01	5666.26	
44580		4580	0.079	16.318	-0.067	-0.013	0.333	88.825	-5113.57	5667.26	
44580		4581	-0.079	-0.096	0.067	0.013	0.4	0.28	18.89	-15.1	
44581		4581	0.078	0.096	-0.068	-0.015	-0.4	-0.28	18.87	-15.11	
44581		4582	-0.078	14.451	0.068	0.015	1.061	-69.594	-4005.9	4440.88	
44582		4582	0.076	16.954	0.032	0.005	-1.061	69.719	-4013.17	4448.76	
44582		4583	-0.076	0.162	-0.032	-0.005	0.7	26.459	1526.69	-1684.66	
44583		4583	0.076	-0.162	0.031	-0.017	-0.7	-26.459	1526.69	-1684.66	
44583		4584	-0.076	17.77	-0.031	0.017	0.329	-79.203	-4559.45	5053.57	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM
									STRESS	STRESS
SPAN 11 - Cumulative Affects thru Day 12	44584	4584	0.06	16.129	0.007	0.007	-0.088	38.57	-2219.54	2461.8
	44584	4585	-0.06	2.254	-0.007	-0.007	0.006	47.503	2738.28	-3027.21
	44585	4585	0.06	-2.254	0.007	0.001	-0.006	-47.503	2738.28	-3027.21
	44585	4586	-0.06	17.437	-0.007	-0.001	-0.063	-53.381	-3072.65	3406.32
	44586	4586	0.056	18.549	0	0.234	0.063	53.04	-3053.13	3384.38
	44586	4587	-0.056	-1.058	0	-0.234	-0.063	62.683	3612.5	-3995.42
	44587	4587	0.056	1.058	0	-0.204	0.063	-62.683	3612.51	-3995.42
	44587	4588	-0.056	17.208	0	0.204	-0.058	-36.859	-2121.11	2352.51
	44588	4588	0.054	18.202	-0.002	-0.03	0.058	36.482	-2099.44	2328.38
	44588	4589	-0.054	0.495	0.002	0.03	-0.035	75.229	4335.12	-4795.59
	44589	4589	0.054	-0.495	-0.002	0.065	0.035	-75.229	4335.11	-4795.59
	44589	4590	-0.054	17.542	0.002	-0.065	-0.015	-28.525	-1641.13	1820.96
	44590	4590	0.053	18.041	0.003	0.304	0.015	28.677	-1649.93	1830.64
	44590	4591	-0.053	1.355	-0.003	-0.304	-0.055	80.534	4640.61	-5133.88
	44591	4591	0.053	-1.355	0.003	-0.321	0.055	-80.534	4640.61	-5133.88
	44591	4592	-0.053	17.718	-0.003	0.321	-0.084	-24.773	-1425.05	1581.67
	44592	4592	0.054	17.679	0.014	-0.012	0.084	24.814	-1427.38	1584.27
	44592	4593	-0.054	0.441	-0.014	0.012	-0.252	80.583	4643.44	-5137
	44593	4593	0.054	-0.441	0.014	0.051	0.252	-80.583	4643.44	-5137
	44593	4594	-0.054	18.069	-0.014	-0.051	-0.416	-29.519	-1698.4	1884.33
	44594	4594	0.057	17.859	-0.062	0.341	0.416	29.05	-1671.28	1854.55
	44594	4595	-0.057	-0.267	0.062	-0.341	0.316	78.549	4526.4	-5007.17
	44595	4595	0.056	0.267	-0.062	-0.297	-0.316	-78.549	4526.39	-5007.2
	44595	4596	-0.056	17.884	0.062	0.297	1.077	-29.348	-1688.44	1873.51
	44596	4596	0.058	15.739	0.256	-0.01	-1.077	29.235	-1681.89	1866.39
	44596	4597	-0.058	2.157	-0.256	0.01	-2.02	52.786	3042.53	-3364.21
	44597	4597	0.058	-2.157	0.256	0.041	2.02	-52.786	3042.52	-3364.22
	44597	4598	-0.058	20.002	-0.256	-0.041	-5.108	-80.641	-4642.9	5144.64
	44598	4598	0.054	22.86	-0.191	0.161	5.108	80.793	-4651.81	5154.18
	44598	4599	-0.054	-4.135	0.191	-0.161	-2.699	89.771	5172.68	-5722.94
44599	4599	0.053	4.135	-0.191	-0.108	2.699	-89.771	5172.67	-5722.96	
44599	4600	-0.053	14.497	0.191	0.108	-0.299	24.624	1420.18	-1568.42	
44600	4600	0.053	-14.497	-0.191	-0.148	0.299	-24.623	1420.15	-1568.42	
44600	4601	-0.053	16.82	0.191	0.148	0	0.082	6.55	-3.36	

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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 3 -- Cumulative Affects thru Day 127	45000	5000	6.76	451.419	-0.42	4.69	0	35.987	-17.41	49.78
	45000	5001	-6.76	-414.318	0.42	-4.69	5.341	5471.289	5739.81	-4475.42
	45001	5001	6.759	414.318	-0.429	-2.661	-5.341	-5471.29	5739.81	-4475.42
	45001	5002	-6.759	-385.491	0.429	2.661	9.581	9424.686	9872.63	-7723.84
	45002	5002	6.767	337.561	0.637	10.977	-9.581	-9424.81	9872.78	-7723.92
	45002	5003	-6.767	-302.147	-0.637	-10.977	1.841	13309.29	13933.55	-10915.7
	45003	5003	6.768	302.147	0.627	-9.338	-1.841	-13309.3	13933.56	-10915.7
	45003	5004	-6.768	-266.769	-0.627	9.338	-5.765	16760.34	17541.23	-13751.4
	45004	5004	6.765	220.929	0.46	9.176	5.765	-16760.6	17541.49	-13751.6
	45004	5005	-6.765	-185.53	-0.46	-9.176	-11.353	19227.67	20120.53	-15778.7
	45005	5005	6.765	185.53	0.454	-8.543	11.353	-19227.7	20120.53	-15778.7
	45005	5006	-6.765	-150.105	-0.454	8.543	-16.87	21266.32	22251.7	-17453.8
	45006	5006	6.763	101.909	-0.092	18.221	16.87	-21266.6	22251.98	-17454
	45006	5007	-6.763	-66.518	0.092	-18.221	-15.757	22288.68	23320.46	-18293.9
	45007	5007	6.763	66.518	-0.103	-18.223	15.757	-22288.7	23320.46	-18293.9
	45007	5008	-6.763	-31.133	0.103	18.223	-14.511	22881.15	23939.81	-18780.7
	45008	5008	6.769	-15.612	0.614	18.057	14.511	-22881.4	23940.07	-18780.9
	45008	5009	-6.769	51.022	-0.614	-18.057	-21.969	22476.81	23517.14	-18448.4
	45009	5009	6.77	-51.022	0.603	-18.687	21.969	-22476.8	23517.14	-18448.4
	45009	5010	-6.77	86.425	-0.603	18.687	-29.291	21642.47	22644.94	-17762.9
	45010	5010	6.767	-133.207	-0.092	-0.598	29.291	-21642.9	22645.36	-17763.2
	45010	5011	-6.767	168.602	0.092	0.598	-28.18	19811.18	20730.53	-16258.2
	45011	5011	6.767	-168.602	-0.092	-0.598	28.18	-19811.2	20730.53	-16258.2
	45011	5012	-6.767	203.998	0.092	0.598	-27.069	17549.85	18366.57	-14400.1
	45012	5012	6.769	-249.058	0.21	4.341	27.069	-17550.2	18366.89	-14400.3
	45012	5013	-6.769	284.472	-0.21	-4.341	-29.624	14310.43	14980.13	-11738.3
	45013	5013	6.769	-284.472	0.206	-5.983	29.624	-14310.4	14980.13	-11738.3
	45013	5014	-6.769	319.854	-0.206	5.983	-32.117	10644.17	11147.49	-8725.83
	45014	5014	6.772	-367.097	0.583	1.423	32.117	-10644.3	11147.61	-8725.91
	45014	5015	-6.772	414.187	-0.583	-1.423	-41.534	4335.936	4552.97	-3542.49
	45015	5015	11.476	-414.084	0.578	-2.529	41.508	-4331.74	5074.48	-5204.56
	45015	5016	-11.731	436.574	-0.578	2.529	-46.282	820.559	968.87	-925.99
45016	5016	23.451	-478.453	-0.288	-1.705	55.351	-1561.13	1847.19	-1757.83	
45016	5017	-24.504	510.539	0.288	1.705	-51.965	-4249.56	-4248.73	4571.9	
45017	5017	38.782	-509.654	-0.295	0.683	52.131	4249.555	-4041.93	4432.24	
45017	5018	-41.149	548.547	0.295	-0.683	-48.208	-11278.7	-8895.36	9408.97	
45018	5018	60.485	-590.431	-0.022	-8.823	47.481	11278.63	-8841.34	9462.89	
45018	5019	-63.917	628.877	0.022	8.823	-47.2	-18919.1	-11698.9	12328.44	
45019	5019	81.168	-626.884	-0.03	8.14	49.076	18919.12	-11655.6	12371.74	
45019	5020	-85.963	667.853	0.03	-8.14	-48.699	-27066.9	-12749.8	13405.16	
45020	5020	-2503.3	210.831	-15.092	-1.825	373.738	5846.029	-14574.4	-1199.46	
45020	5021	2503.303	-184.269	15.092	1.825	-230.42	-3970.09	-12472.2	-3389.2	
45021	5021	-2503.31	184.269	-14.695	-1.195	230.42	3970.092	-15306.2	-4664.55	
45021	5022	2503.306	-164.683	14.695	1.195	-116.453	-2616.92	-13529.7	-6515.12	
45022	5022	-2503.32	164.683	-11.831	1.799	116.453	2616.922	-13529.7	-6515.18	
45022	5023	2503.321	-145.126	11.831	-1.799	-24.823	-1417.25	-11954.7	-8155.83	
45023	5023	-2503.35	100.876	-6.172	0.159	24.823	1417.244	-11954.8	-8155.94	
45023	5024	2503.346	-80.663	6.172	-0.159	24.582	-690.705	-11001	-9149.54	
45024	5024	-2503.34	80.663	-9.615	-0.791	-24.582	690.704	-11000.9	-9149.5	
45024	5025	2503.335	-60.473	9.615	0.791	101.456	-126.491	-10260.2	-9921.1	
45025	5025	-2503.35	60.473	-3.062	-0.46	-101.456	126.493	-10260.2	-9921.17	
45025	5026	2503.351	-40.262	3.062	0.46	125.959	276.606	-9731.01	-10472.4	
45026	5026	-2503.36	-7.076	-2.439	-0.48	-125.959	-276.606	-9731.02	-10472.5	
45026	5027	2503.355	22.233	2.439	0.48	140.597	188.649	-9846.5	-10352.2	
45027	5027	-2503.35	-22.233	-2.87	-0.448	-140.597	-188.649	-9846.5	-10352.2	
45027	5028	2503.354	37.365	2.87	0.448	157.797	10.089	-10080.9	-10108	
45028	5028	-2503.36	-37.365	-2.439	-0.45	-157.797	-10.089	-10080.9	-10108	
45028	5029	2503.355	52.522	2.439	0.45	172.435	-259.667	-10435.1	-9739.06	
45029	5029	-2503.36	-52.522	1.71	-0.019	-172.435	259.668	-10435.1	-9739.06	
45029	5030	2503.355	67.677	-1.71	0.019	162.171	-620.329	-10908.6	-9245.82	
45030	5030	-2503.37	-114.709	1.127	-1.663	-162.171	620.302	-10908.6	-9245.9	
45030	5031	2503.365	134.915	-1.127	1.663	153.153	-1618.94	-12219.7	-7880.19	
45031	5031	-2503.36	-134.915	4.24	0.351	-153.153	1618.936	-12219.7	-7880.17	
45031	5032	2503.362	155.117	-4.24	-0.351	119.232	-2779.08	-13742.8	-6293.59	
45032	5032	-2503.36	-155.117	4.24	0.351	-119.232	2779.078	-13742.8	-6293.59	
45032	5033	2503.362	175.32	-4.24	-0.351	85.31	-4100.84	-15478.1	-4485.96	
45033	5033	-2503.32	-220.325	12.244	-2.702	-85.31	4100.95	-15478.1	-4485.63	
45033	5034	2503.315	239.89	-12.244	2.702	-9.547	-5883.68	-17818.6	-2047.6	
45034	5034	-2503.32	-239.89	12.244	-2.702	9.547	5883.679	-17818.6	-2047.6	
45034	5035	2503.315	259.454	-12.244	2.702	-104.405	-7817.98	-20358.1	597.71	
45035	5035	-2503.3	-259.454	14.754	5.137	104.405	7817.98	-16784.1	1102.36	
45035	5036	2503.302	285.957	-14.754	-5.137	-244.194	-10401.8	-19679.5	4118.4	
45036	5036	102.839	554.772	0.763	-30.588	0.168	33012.78	-15555	16345.44	
45036	5037	-98.044	-513.727	-0.763	30.588	-9.797	-26276.8	-16225.4	17146.29	
45037	5037	83.937	516.22	0.679	27.605	3.746	26276.84	-16260.9	17110.88	
45037	5038	-80.505	-477.714	-0.679	-27.605	-12.272	-20039.5	-15784.2	16738.06	
45038	5038	64.73	441.222	-0.256	-5.108	15.013	20040.22	-15828.9	16694.65	
45038	5039	-62.363	-402.375	0.256	5.108	-11.621	-14443.6	-13948.8	14853.63	

PIER 3 -- Cumulative Affects thru Day 134

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	45039	5039	68.517	321.616	-0.45	2.239	13.465	2983.264	-2812.99	3379.25
	45039	5040	-67.476	-289.871	0.45	-2.239	-8.18	610.508	922.88	-486.93
	45040	5040	60.784	249.393	0.011	1.323	8.234	-610.488	899.84	-509.92
	45040	5041	-60.534	-227.372	-0.011	-1.323	-8.327	2575.818	3203.97	-2908.34
	45041	5041	57.944	228.045	-0.028	-0.496	8.342	-2575.82	4151.82	-3796.68
	45041	5042	-57.944	-190.412	0.028	0.496	-7.908	5865.782	9124.34	-8976.38
	45042	5042	57.946	145.641	0.078	-0.015	7.908	-5865.86	9124.46	-8976.5
	45042	5043	-57.946	-117.098	-0.078	0.015	-8.842	7432.615	11492.48	-11443.2
	45043	5043	57.946	117.098	0.078	-0.015	8.842	-7432.62	11492.48	-11443.2
	45043	5044	-57.946	-88.554	-0.078	0.015	-9.776	8658.946	13345.98	-13373.9
	45044	5044	57.946	43.594	-0.071	-0.358	9.776	-8659.09	13346.2	-13374.1
	45044	5045	-57.946	-15.032	0.071	0.358	-8.934	9008.899	13874.91	-13924.9
	45045	5045	57.946	15.032	-0.066	0.288	8.934	-9008.9	13874.91	-13924.9
	45045	5046	-57.946	13.505	0.066	-0.288	-8.142	9018.003	13888.67	-13939.2
	45046	5046	57.947	-58.679	0.167	6.489	8.142	-9018.12	13888.86	-13939.4
	45046	5047	-57.947	87.236	-0.167	-6.489	-10.134	8147.596	12573.13	-12568.8
	45047	5047	57.948	-87.236	0.074	-6.56	10.134	-8147.6	12573.13	-12568.8
	45047	5048	-57.948	115.766	-0.074	6.56	-11.017	6937.667	10744.42	-10663.9
	45048	5048	57.947	-160.33	-0.148	4.023	11.017	-6937.75	10744.55	-10664.1
	45048	5049	-57.947	188.882	0.148	-4.023	-9.253	4854.792	7596.32	-7384.67
	45049	5049	57.946	-188.882	-0.245	-4.09	9.253	-4854.79	7596.32	-7384.67
	45049	5050	-57.946	217.429	0.245	4.09	-6.334	2431.576	3933.82	-3569.57
	45050	5050	57.95	-262.21	0.378	-0.765	6.334	-2431.6	3933.88	-3569.6
	45050	5051	-57.95	299.807	-0.378	0.765	-12.274	-1982.77	-2738.09	3380.37
	45051	5051	61.352	-299.13	0.296	1.89	12.296	1982.766	-2455.21	3093.54
	45051	5052	-61.583	319.488	-0.296	-1.89	-14.743	-4536.17	-5786.16	6571.13
	45052	5052	69.816	-360.585	-0.037	-6.308	14.521	4536.126	-5752.12	6605.05
	45052	5053	-70.776	389.836	0.037	6.308	-14.092	-8944.73	-10458.1	11470.49
	45053	5053	84.254	-393.289	-0.147	10.32	23.124	9428.828	-8698.45	9548.42
	45053	5054	-86.549	430.836	0.147	-10.32	-21.168	-14896	-11371.1	12218.24
	45054	5054	102.267	-469.214	-0.209	-16.07	19.144	14895.82	-11326.4	12262.72
	45054	5055	-105.584	506.34	0.209	16.07	-16.523	-21017.5	-12678.8	13538.61
	45055	5055	119.53	-503.23	-0.305	16.778	19.978	21017.54	-12643	13574.44
	45055	5056	-124.148	542.609	0.305	-16.778	-16.143	-27597.8	-12783.8	13602.95
	45056	5056	225.35	247.97	-10.616	-0.124	232.612	7969.358	-15920.6	1709.6
	45056	5057	225.352	-222.238	10.616	0.124	-131.829	-5737.36	-13502.9	-810.45
	45057	5057	-225.35	222.238	-11.519	-2.197	131.829	5694.24	-13924.2	-981.24
	45057	5058	225.347	-201.694	11.519	2.197	-42.564	-4051.6	-12109.3	-2900.07
	45058	5058	-225.36	201.694	-8.61	3.019	42.564	4051.601	-12109.4	-2900.12
	45058	5059	225.36	-181.152	8.61	-3.019	24.155	-2568.3	-10470.6	-4632.83
45059	5059	-225.36	138.826	-8.568	-2.339	-24.155	2568.301	-10470.5	-4632.82	
45059	5060	225.358	-117.592	8.568	2.339	92.781	-1541.4	-9335.98	-5832.39	
45060	5060	-225.37	117.592	-3.13	1.372	-92.781	1541.4	-9336.02	-5832.44	
45060	5061	225.372	-96.389	3.13	-1.372	117.813	-685.664	-8390.57	-6832.06	
45061	5061	-225.37	96.389	-3.13	1.372	-117.813	685.664	-8390.57	-6832.06	
45061	5062	225.372	-75.185	3.13	-1.372	142.845	0.481	-7632.48	-7633.58	
45062	5062	-225.38	30.455	-1.653	0.317	-142.845	-0.429	-7632.56	-7633.54	
45062	5063	225.378	-14.54	1.653	-0.317	152.769	135.488	-7483.34	-7791.31	
45063	5063	-225.38	14.54	-1.904	0.332	-152.769	-135.488	-7483.34	-7791.3	
45063	5064	225.378	1.349	1.904	-0.332	164.182	175.018	-7439.67	-7837.48	
45064	5064	-225.38	-1.349	2.102	0.022	-164.182	-175.019	-7439.67	-7837.48	
45064	5065	225.378	17.262	-2.102	-0.022	151.562	119.163	-7501.38	-7772.23	
45065	5065	-225.38	-17.262	2.102	0.022	-151.562	-119.163	-7501.38	-7772.23	
45065	5066	225.378	33.175	-2.102	-0.022	138.941	-32.215	-7668.63	-7595.4	
45066	5066	-225.38	-77.901	4.113	-0.51	-138.941	32.336	-7668.77	-7595.27	
45066	5067	225.382	99.099	-4.113	0.51	106.05	-740.005	-8450.64	-6768.61	
45067	5067	-225.38	-99.099	4.113	-0.51	-106.05	740.005	-8450.64	-6768.61	
45067	5068	225.382	120.297	-4.113	0.51	73.158	-1617.18	-9419.78	-5743.95	
45068	5068	-225.38	-120.297	7.11	1.635	-73.158	1617.179	-9419.76	-5743.92	
45068	5069	225.375	141.52	-7.11	-1.635	16.239	-2665.19	-10577.6	-4519.7	
45069	5069	-225.36	-183.566	9.082	-5.22	-16.239	2665.29	-10577.7	-4519.52	
45069	5070	225.357	204.098	-9.082	5.22	-54.102	-4166.5	-12236.3	-2765.89	
45070	5070	-225.34	-204.098	12.171	0.476	54.102	4166.499	-12236.3	-2765.84	
45070	5071	225.343	224.654	-12.171	-0.476	-148.478	-5828.83	-14072.9	-824	
45071	5071	-225.34	-224.654	13.515	4.201	148.478	5871.941	-13648.6	-658.44	
45071	5072	225.335	250.396	-13.515	-4.201	-276.828	-8127.75	-16092.1	1888.48	
45072	5072	122.798	536.236	0.142	-16.66	15.494	27790.91	-12878.3	13693.06	
45072	5073	-118.18	-496.861	-0.142	16.66	-17.28	-21291.5	-12815.3	13743.9	
45073	5073	104.418	499.934	0.047	16.739	13.786	21291.49	-12850.6	13708.54	
45073	5074	-101.101	-462.82	-0.047	-16.739	-14.374	-15252	-11607.4	12545.67	
45074	5074	85.878	429.804	0.61	-0.786	15.884	15252.45	-11651	12502.87	
45074	5075	-83.583	-392.246	-0.61	0.786	-23.986	-9797.37	-9050.61	9909.47	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	45075	5075	65.15	312.892	-0.209	-1.797	12.508	-2575.78	3351.66	-2963.02
	45075	5076	-64.222	-284.59	0.209	1.797	-10.048	6086.656	8369.97	-8211.09
	45076	5076	57.682	248.302	-0.052	5.542	9.921	-6086.79	8343.16	-8238.26
	45076	5077	-57.459	-228.622	0.052	-5.542	-9.492	8054.708	11251.81	-11289.2
	45077	5077	54.858	229.26	-0.12	-4.566	9.554	-8070.67	10057.21	-8848.04
	45077	5078	-54.858	-193.201	0.12	4.566	-7.845	11082.87	13736.39	-12224.8
	45078	5078	54.859	153.915	0.024	11.501	7.845	-11083	13736.6	-12225
	45078	5079	-54.859	-125.556	-0.024	-11.501	-8.115	12650.18	15650.74	-13981.8
	45079	5079	54.859	125.556	-0.074	-11.03	8.115	-12650.2	15650.74	-13981.8
	45079	5080	-54.859	-97.201	0.074	11.03	-7.288	13899.18	17176.3	-15382
	45080	5080	54.86	58.004	0.098	13.029	7.288	-13899.3	17176.47	-15382.2
	45080	5081	-54.86	-29.648	-0.098	-13.029	-8.392	14390.78	17776.76	-15933.1
	45081	5081	54.86	29.648	0.001	-12.607	8.392	-14390.8	17776.76	-15933.1
	45081	5082	-54.86	-1.295	-0.001	12.607	-8.399	14564.26	17988.66	-16127.6
	45082	5082	54.86	-39.211	-0.068	0.34	8.399	-14564.6	17989.02	-16127.9
	45082	5083	-54.86	69.663	0.068	-0.34	-7.576	13908.97	17188.27	-15393
	45083	5083	54.86	-69.663	-0.07	-0.196	7.576	-13909	17188.27	-15393
	45083	5084	-54.86	100.14	0.07	0.196	-6.728	12885.65	15938.36	-14245.8
	45084	5084	54.86	-140.928	-0.066	9.896	6.728	-12885.9	15938.61	-14246
	45084	5085	-54.86	169.277	0.066	-9.896	-5.991	11146.97	13814.69	-12296.7
	45085	5085	54.86	-169.277	-0.163	-9.971	5.991	-11147	13814.69	-12296.7
	45085	5086	-54.86	197.623	0.163	9.971	-4.158	9090.447	11302.8	-9991.25
	45086	5086	54.861	-236.266	0.016	5.669	4.158	-9090.5	11302.86	-9991.3
	45086	5087	-54.861	264.613	-0.016	-5.669	-4.335	6282.998	7873.71	-6843.98
	45087	5087	54.861	-264.613	-0.084	-5.76	4.335	-6283	7873.71	-6843.98
	45087	5088	-54.861	292.982	0.084	5.76	-3.392	3155.048	4053.15	-3337.43
	45088	5088	54.863	-331.622	0.223	-1.052	3.392	-3155.11	4053.23	-3337.5
	45088	5089	-54.863	366.317	-0.223	1.052	-6.449	-1633.11	-1795.22	2030.28
	45089	5089	59.024	-365.67	0.153	0.92	6.46	1649.07	-1671.75	2213.95
	45089	5090	-59.26	386.456	-0.153	-0.92	-7.719	-4750.31	-5087.68	5816.66
	45090	5090	68.808	-424.122	-0.207	-11.087	7.348	4750.24	-5052.79	5851.38
	45090	5091	-69.789	454.024	0.207	11.087	-4.912	-9911.07	-9766.45	10771.05
	45091	5091	85.333	-456.86	-0.345	9.332	11.019	10306.46	-9416.89	10387.64
	45091	5092	-87.583	493.789	0.345	-9.332	-6.443	-16613.9	-12562.9	13561.59
45092	5092	105.032	-531.725	-0.312	-9.663	5.024	16613.77	-12513.5	13610.69	
45092	5093	-108.288	568.245	0.312	9.663	-1.108	-23512.6	-14053.2	15073.05	
45093	5093	123.891	-565.048	-0.36	9.628	3.102	23512.59	-14013.3	15112.94	
45093	5094	-128.432	603.854	0.36	-9.628	1.426	-30869.7	-14174.6	15142.3	
45094	5094	2450.32	226.151	-6.912	-3.427	91.642	8357.771	-16800.5	1559.31	
45094	5095	2450.32	-200.86	6.912	3.427	-26.009	-6330.52	-14630.4	-723.87	
45095	5095	-2450.32	200.86	-5.914	-0.848	26.009	6330.524	-14886.1	-1407.37	
45095	5096	2450.322	-180.8	5.914	0.848	19.847	-4850.82	-13354.7	-3026.51	
45096	5096	-2450.33	180.8	-2.853	5.211	-19.847	4850.82	-13354.8	-3026.53	
45096	5097	2450.328	-160.766	2.853	-5.211	41.942	-3528.33	-11986.1	-4473.64	
45097	5097	-2450.34	120.139	0.1	-0.948	-41.942	3528.294	-11986.1	-4473.73	
45097	5098	2450.344	-99.433	-0.1	0.948	41.14	-2649.61	-11076.7	-5435.22	
45098	5098	-2450.34	99.433	0.1	-0.948	-41.14	2649.608	-11076.7	-5435.22	
45098	5099	2450.344	-78.727	-0.1	0.948	40.338	-1936.65	-10338.8	-6215.37	
45099	5099	-2450.34	78.727	3.072	1.401	-40.338	1936.646	-10338.8	-6215.36	
45099	5100	2450.342	-58.047	-3.072	-1.401	15.78	-1390.01	-9773.07	-6813.51	
45100	5100	-2450.34	14.679	3.579	2.207	-15.78	1390.004	-9773.07	-6813.52	
45100	5101	2450.343	0.85	-3.579	-2.207	-5.703	-1348.5	-9730.11	-6858.93	
45101	5101	-2450.33	-0.85	7.66	4.453	5.703	1348.492	-9730.07	-6858.91	
45101	5102	2450.334	16.378	-7.66	-4.453	-51.678	-1400.19	-9783.58	-6802.34	
45102	5102	-2450.33	-16.378	-8.661	-4.874	51.678	1400.191	-9783.57	-6802.33	
45102	5103	2450.331	31.909	8.661	4.874	0.317	-1545.13	-9933.57	-6643.73	
45103	5103	-2450.34	-31.909	-4.711	-2.383	-0.317	1545.137	-9933.62	-6643.76	
45103	5104	2450.341	47.414	4.711	2.383	28.549	-1782.83	-10179.6	-6383.67	
45104	5104	-2450.34	-90.955	-3.121	-2.239	-28.549	1782.834	-10179.6	-6383.67	
45104	5105	2450.343	111.662	3.121	2.239	53.529	-2593.7	-11018.8	-5496.39	
45105	5105	-2450.35	-111.662	-0.153	0.903	-53.529	2593.699	-11018.8	-5496.4	
45105	5106	2450.345	132.342	0.153	-0.903	54.75	-3568.94	-12028.1	-4429.26	
45106	5106	-2450.35	-132.342	-0.061	1.037	-54.75	3568.937	-12028.1	-4429.26	
45106	5107	2450.345	153.049	0.061	-1.037	55.237	-4711.02	-13210.1	-3179.57	
45107	5107	-2450.34	-193.832	4.21	-3.415	-55.237	4711.077	-13210.2	-3179.47	
45107	5108	2450.337	213.89	-4.21	3.415	22.601	-6291.64	-14845.9	-1449.98	
45108	5108	-2450.34	-213.89	4.12	-3.646	-22.601	6291.635	-14845.9	-1449.98	
45108	5109	2450.337	233.922	-4.12	3.646	-9.299	-8025.37	-16640.2	447.13	
45109	5109	-2450.33	-233.922	6.704	4.817	9.299	8025.369	-16444.7	1184.91	
45109	5110	2450.332	259.236	-6.704	-4.817	-73.008	-10368.7	-18953.3	3824.13	
45110	5110	123.129	560.593	0.016	-21.206	6.141	33259.57	-15306.7	16279.89	
45110	5111	-118.589	-521.797	-0.016	21.206	-6.34	-26448.8	-15816.4	16947.41	
45111	5111	104.178	524.864	-0.074	20.228	2.042	26448.78	-15853.2	16910.26	
45111	5112	-100.921	-488.356	0.074	-20.228	-1.108	-20096.2	-15210.2	16389.92	
45112	5112	85.087	457.254	0.122	-3.431	3.116	20096.61	-15255.2	16345.61	
45112	5113	-82.836	-420.31	-0.122	3.431	-4.73	-14272	-13148	14276.67	

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	45113	5113	60.941	339.521	-0.209	1.327	14.621	1832.036	-1635.85	2160.46
	45113	5114	-59.97	-309.908	0.209	-1.327	-12.167	1985.892	2435.88	-2122.74
	45114	5114	52.903	274.112	-0.151	1.112	12.192	-1985.93	2410.15	-2148.54
	45114	5115	-52.669	-253.547	0.151	-1.112	-10.946	4160.429	4958.74	-4844.47
	45115	5115	49.782	254.129	-0.164	-0.166	10.958	-4174.74	6364.09	-5422.73
	45115	5116	-49.782	-220.595	0.164	0.166	-8.617	7555.483	11349.81	-9982.07
	45116	5116	49.782	182.7	-0.106	4.303	8.617	-7555.49	11349.82	-9982.08
	45116	5117	-49.782	-156.303	0.106	-4.303	-7.425	9455.932	14152.49	-12545.1
	45117	5117	49.781	156.303	-0.151	-4.13	7.425	-9455.93	14152.49	-12545.1
	45117	5118	-49.781	-129.905	0.151	4.13	-5.736	11060.38	16518.64	-14708.9
	45118	5118	49.781	91.658	-0.089	5.32	5.736	-11060.4	16518.66	-14708.9
	45118	5119	-49.781	-65.261	0.089	-5.32	-4.737	11940.04	17815.91	-15895.2
	45119	5119	49.781	65.261	-0.133	-5.329	4.737	-11940	17815.91	-15895.2
	45119	5120	-49.781	-38.865	0.133	5.329	-3.241	12523.74	18676.71	-16682.4
	45120	5120	49.781	-0.562	-0.093	15.263	3.241	-12523.7	18676.69	-16682.4
	45120	5121	-49.781	28.936	0.093	-15.263	-2.115	12345.98	18414.56	-16442.6
	45121	5121	49.781	-28.936	-0.217	-15.34	2.115	-12346	18414.55	-16442.6
	45121	5122	-49.781	57.286	0.217	15.34	0.495	11826.88	17649.02	-15742.6
	45122	5122	49.781	-96.288	-0.141	4.623	-0.495	-11826.9	17649.03	-15742.6
	45122	5123	-49.781	122.683	0.141	-4.623	2.081	10599.47	15838.91	-14087.3
	45123	5123	49.781	-122.683	-0.186	-4.831	-2.081	-10599.5	15838.91	-14087.3
	45123	5124	-49.781	149.077	0.186	4.831	4.165	9076.173	13592.44	-12032.9
	45124	5124	49.78	-186.587	0.019	5.956	-4.165	-9076.11	13592.33	-12032.8
	45124	5125	-49.78	212.982	-0.019	-5.956	3.951	6836.415	10289.37	-9012.33
	45125	5125	49.78	-212.982	-0.07	-6.24	-3.951	-6836.42	10289.37	-9012.33
	45125	5126	-49.78	239.375	0.07	6.24	4.732	4300.872	6550.1	-5592.84
	45126	5126	49.78	-275.924	-0.493	-0.12	-4.732	-4300.84	6550.05	-5592.8
	45126	5127	-49.78	308.11	0.493	0.12	11.471	308.86	662.9	-209.12
	45127	5127	53.277	-307.525	-0.555	-0.217	-11.474	-294.548	683.03	-225.89
	45127	5128	-53.492	326.429	0.555	0.217	16.057	-2320.67	-3177.92	3789.67
	45128	5128	61.606	-359.932	1.287	-5.028	-16.227	2320.624	-3141.99	3825.45
	45128	5129	-62.498	387.142	-1.287	5.028	1.102	-6711.65	-8619.11	9480.46
	45129	5129	80.198	-390.121	1.07	9.076	-4.525	7219.291	-7172.75	8039.59
	45129	5130	-82.377	425.892	-1.07	-9.076	-9.682	-12633.8	-10397.1	11308.91
	45130	5130	97.633	-460.875	-3.368	-7.88	8.446	12633.72	-10351.5	11354.48
	45130	5131	-100.792	496.304	3.368	7.88	33.823	-18637.8	-12083.2	13028.18
	45131	5131	114.456	-493.332	-3.413	7.866	-32.294	18637.8	-12046.4	13064.99
	45131	5132	-118.868	531.017	3.413	-7.866	75.25	-25081	-12433.1	13336.67
	45132	5132	2151.98	217.191	23.276	9.678	-285.561	6392.234	-14890.9	542.98
	45132	5133	-2151.981	-192.72	-23.276	-9.678	64.441	-4445.16	-12599.9	-1867.26
	45133	5133	2151.95	192.72	26.052	15.413	-64.441	4445.14	-15043.9	-2604.18
	45133	5134	-2151.949	-174.47	-26.052	-15.413	-137.465	-3022.28	-13098.5	-4640.71
	45134	5134	2152.11	174.47	-1.683	-23.537	137.465	3022.225	-13099.1	-4641.43
	45134	5135	-2152.106	-156.194	1.683	23.537	-124.407	-1739.16	-11344.9	-6477.87
	45135	5135	2152.09	109.069	-3.444	-0.784	124.407	1739.529	-11345.3	-6477.25
	45135	5136	-2152.085	-90.228	3.444	0.784	-96.853	-942.292	-10255.3	-7618.33
	45136	5136	2152.09	90.228	-0.754	0.393	96.853	942.292	-10255.3	-7618.34
	45136	5137	-2152.087	-71.388	0.754	-0.393	-90.82	-295.796	-9371.44	-8543.66
45137	5137	2152.08	71.388	-3.474	0.02	90.82	295.796	-9371.43	-8543.65	
45137	5138	-2152.084	-52.571	3.474	-0.02	-63.059	199.45	-8694.33	-9252.49	
45138	5138	2152.09	6.779	-3.41	0.033	63.059	-199.568	-8694.19	-9252.68	
45138	5139	-2152.089	7.352	3.41	-0.033	-42.597	197.849	-8696.54	-9250.21	
45139	5139	2152.09	-7.352	0.176	-0.297	42.597	-197.849	-8696.55	-9250.23	
45139	5140	-2152.091	21.482	-0.176	0.297	-43.655	111.343	-8814.82	-9126.41	
45140	5140	2152.09	-21.482	-3.41	-0.111	43.655	-111.343	-8814.81	-9126.4	
45140	5141	-2152.089	35.612	3.41	0.111	-23.194	-59.952	-9049	-8881.23	
45141	5141	2152.09	-35.612	0.176	-0.011	23.194	59.952	-9049.01	-8881.24	
45141	5142	-2152.091	49.743	-0.176	0.011	-24.252	-316.03	-9399.12	-8514.72	
45142	5142	2152.09	-94.528	-2.262	-0.1	24.252	315.925	-9398.98	-8514.87	
45142	5143	-2152.092	113.368	2.262	0.1	-6.153	-1147.56	-10536	-7324.56	
45143	5143	2152.09	-113.368	-2.262	-0.1	6.153	1147.562	-10536	-7324.56	
45143	5144	-2152.092	132.209	2.262	0.1	11.945	-2129.93	-11879.1	-5918.5	
45144	5144	2152.09	-132.209	-2.262	-0.1	-11.945	2129.933	-11879.1	-5918.5	
45144	5145	-2152.092	151.049	2.262	0.1	30.044	-3263.04	-13428.3	-4296.71	
45145	5145	2152.09	-192.569	-0.918	2.266	-30.044	3262.945	-13428.2	-4296.84	
45145	5146	-2152.093	210.821	0.918	-2.266	37.157	-4826.16	-15565.4	-2059.43	
45146	5146	2152.09	-210.821	-0.918	2.266	-37.157	4826.162	-15565.4	-2059.43	
45146	5147	-2152.093	229.072	0.918	-2.266	44.27	-6530.84	-17896	380.45	
45147	5147	2152.09	-229.072	-3.621	-5.938	-44.27	6530.835	-15054.3	714.17	
45147	5148	-2152.091	253.544	3.621	5.938	78.674	-8823.42	-17751.7	3552.1	
45148	5148	108.936	487.559	-0.004	-9.394	-9.1	28105.45	-13990.2	14887.04	
45148	5149	-104.523	-449.871	0.004	9.394	9.148	-22208.8	-14440.3	15482.42	
45149	5149	92.062	452.586	-0.045	8.557	-10.981	22208.82	-14473.9	15448.85	
45149	5150	-88.903	-417.155	0.045	-8.557	11.546	-16753.1	-13848	14935.49	
45150	5150	75.342	389.704	0.107	-0.743	-10.715	16753.18	-13888.6	14895.01	
45150	5151	-73.162	-353.931	-0.107	0.743	9.293	-11818.8	-11931.5	12972.88	

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	45151	5151	64.498	263.116	0.018	0.045	-7.247	-193.741	530.34	7.87
	45151	5152	-63.581	-235.161	-0.018	-0.045	7.03	3122.423	4874.83	-4499.94
	45152	5152	58.114	200.152	0.112	-0.063	-7.025	-3122.42	4850.67	-4524.09
	45152	5153	-57.894	-180.726	-0.112	0.063	6.104	4693.683	7352.58	-7131.26
	45153	5153	55.836	181.372	0.112	0.044	-6.104	-4693.68	8189.85	-7941.76
	45153	5154	-55.836	-150.02	-0.112	-0.044	4.564	6970.484	12032.34	-11924.4
	45154	5154	55.837	110.665	0.108	0.021	-4.564	-6970.48	12032.34	-11924.4
	45154	5155	-55.837	-85.565	-0.108	-0.021	3.375	8049.813	13853.9	-13812.3
	45155	5155	55.837	85.565	0.108	0.021	-3.375	-8049.81	13853.9	-13812.3
	45155	5156	-55.837	-60.465	-0.108	-0.021	2.187	8853.026	15209.46	-15217.3
	45156	5156	55.837	20.961	0.06	-0.019	-2.187	-8853.03	15209.47	-15217.3
	45156	5157	-55.837	1.88	-0.06	0.019	1.59	8948.535	15370.65	-15384.4
	45157	5157	55.837	-1.88	0.06	0.079	-1.59	-8948.54	15370.65	-15384.4
	45157	5158	-55.837	24.699	-0.06	-0.079	0.987	8815.632	15146.35	-15151.9
	45158	5158	55.836	-62.253	0.092	-4.019	-0.987	-8815.56	15146.23	-15151.8
	45158	5159	-55.836	85.093	-0.092	4.019	0.071	8078.055	13901.56	-13861.7
	45159	5159	55.836	-85.093	0.147	4.05	-0.071	-8078.06	13901.56	-13861.7
	45159	5160	-55.836	107.935	-0.147	-4.05	-1.404	7111.892	12270.99	-12171.7
	45160	5160	55.837	-147.819	0.092	0.023	1.404	-7111.93	12271.06	-12171.8
	45160	5161	-55.837	172.919	-0.092	-0.023	-2.411	5347.77	9293.73	-9085.89
	45161	5161	55.837	-172.919	0.092	0.023	2.411	-5347.77	9293.73	-9085.89
	45161	5162	-55.837	198.019	-0.092	-0.023	-3.419	3307.494	5850.42	-5517.03
	45162	5162	55.838	-237.869	-0.039	-0.018	3.419	-3307.5	5850.43	-5517.03
	45162	5163	-55.838	269.222	0.039	0.018	-2.882	-176.457	-29.35	577.11
	45163	5163	58.893	-268.57	-0.08	0.079	2.884	176.457	-3.78	540.73
	45163	5164	-59.114	287.996	0.08	-0.079	-2.223	-2472.52	-3376.48	4047.02
	45164	5164	66.504	-324.346	0.135	2.894	2.318	2472.533	-3343.84	4079.7
	45164	5165	-67.421	352.3	-0.135	-2.894	-3.902	-6449.73	-8251.48	9141.74
	45165	5165	79.558	-357.56	0.312	-4.396	3.148	7103.979	-7681.92	8560.2
	45165	5166	-81.766	393.8	-0.312	4.396	-7.286	-12089.6	-10774.2	11678.74
	45166	5166	96.262	-430.282	0.214	-6.694	6.973	12089.66	-10728.7	11724.28
	45166	5167	-99.46	466.154	-0.214	6.694	-9.665	-17712.9	-12374.7	13305.23
	45167	5167	112.295	-463.23	0.168	7.114	11.124	17712.92	-12338.6	13341.36
	45167	5168	-116.759	501.358	-0.168	-7.114	-13.243	-23780.4	-12634.2	13521.03
45168	5168	-2082.21	235.147	-1.42	-2.497	11.518	6554.117	-15953.2	1258.87	
45168	5169	2082.213	-210.34	1.42	2.497	1.975	-4437.91	-13238.1	-1583.5	
45169	5169	-2082.21	210.34	1.168	3.019	-1.975	4437.912	-15411.3	-2316.65	
45169	5170	2082.213	-191.609	-1.168	-3.019	-7.065	-2882.28	-13168.8	-4664.25	
45170	5170	-2082.21	191.609	-1.491	-0.661	7.065	2882.286	-13168.8	-4664.25	
45170	5171	2082.212	-172.854	1.491	0.661	4.49	-1469.9	-11132.8	-6795.69	
45171	5171	-2082.21	127.098	1.668	0.425	-4.49	1469.77	-11132.6	-6795.88	
45171	5172	2082.213	-107.738	-1.668	-0.425	-8.854	-530.378	-9778.46	-8213.51	
45172	5172	-2082.21	107.738	-0.935	-0.238	8.854	530.378	-9778.47	-8213.52	
45172	5173	2082.213	-88.378	0.935	0.238	-1.377	254.135	-8647.57	-9397.42	
45173	5173	-2082.21	88.378	-0.935	-0.238	1.377	-254.135	-8647.57	-9397.42	
45173	5174	2082.213	-69.017	0.935	0.238	6.1	883.756	-7739.95	-10347.6	
45174	5174	-2082.22	20.864	1.969	-0.788	-6.1	-883.877	-7739.78	-10347.8	
45174	5175	2082.215	-6.344	-1.969	0.788	-5.715	965.504	-7622.12	-10471	
45175	5175	-2082.22	6.344	-1.501	0.821	5.715	-965.504	-7622.12	-10471	
45175	5176	2082.216	8.177	1.501	-0.821	3.291	960.005	-7630.05	-10462.7	
45176	5176	-2082.22	-8.177	1.969	-0.779	-3.291	-960.005	-7630.04	-10462.7	
45176	5177	2082.215	22.697	-1.969	0.779	-8.525	867.38	-7763.56	-10322.9	
45177	5177	-2082.22	-22.697	-1.501	0.667	8.525	-867.38	-7763.57	-10322.9	
45177	5178	2082.216	37.217	1.501	-0.667	0.481	687.627	-8022.69	-10051.6	
45178	5178	-2082.22	-85.282	-0.523	-0.434	-0.481	-687.764	-8022.49	-10051.8	
45178	5179	2082.216	104.642	0.523	0.434	4.662	-71.978	-9117.68	-8905.3	
45179	5179	-2082.22	-104.642	-0.523	-0.434	-4.662	71.978	-9117.68	-8905.3	
45179	5180	2082.216	124.002	0.523	0.434	8.843	-986.613	-10436.2	-7525.03	
45180	5180	-2082.22	-124.002	2.08	0.799	-8.843	986.613	-10436.2	-7525.02	
45180	5181	2082.215	143.362	-2.08	-0.799	-7.797	-2056.12	-11977.9	-5911.02	
45181	5181	-2082.21	-188.431	-1.649	-0.951	7.797	2056.141	-11977.9	-5910.98	
45181	5182	2082.212	207.186	1.649	0.951	4.987	-3589.26	-14187.9	-3597.35	
45182	5182	-2082.21	-207.186	1.037	3.679	-4.987	3589.256	-14187.9	-3597.36	
45182	5183	2082.212	225.941	-1.037	-3.679	-3.05	-5267.71	-16607.5	-1064.4	
45183	5183	-2082.21	-225.941	-1.579	-2.938	3.05	5267.713	-14302.7	-468.96	
45183	5184	2082.212	250.748	1.579	2.938	11.949	-7532.14	-17208	2572.49	
45184	5184	129.427	488.241	-0.051	7.662	-10.523	25086.77	-13312.7	14279.3	
45184	5185	-124.963	-450.113	0.051	-7.662	11.164	-19184.4	-13354.1	14459.05	
45185	5185	112.486	453.392	0.006	-7.318	-9.585	19184.37	-13389.3	14423.93	
45185	5186	-109.288	-417.521	-0.006	7.318	9.503	-13721.3	-12176.6	13306.68	
45186	5186	95.418	385.756	-0.392	-0.554	-10.101	13721.3	-12220.2	13263.16	
45186	5187	-93.21	-349.517	0.392	0.554	15.305	-8842.47	-9581.79	10635.12	

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	45187	5187	71.982	256.962	0.125	0.664	-1.257	-3201.85	4544.07	-4090.47
	45187	5188	-71.024	-227.742	-0.125	-0.664	-0.213	6050.742	9216.01	-8950.75
	45188	5188	65.685	189.82	-0.102	0.062	0.234	-6050.7	9192.36	-8974.27
	45188	5189	-65.455	-169.53	0.102	-0.062	0.61	7531.354	11675.24	-11565.1
	45189	5189	63.522	170.264	-0.103	-0.015	-0.609	-7521.93	10691.6	-11397.2
	45189	5190	-63.522	-136.006	0.103	0.015	2.028	9627.665	13608.02	-14664.5
	45190	5190	63.519	92.572	0.19	0.01	-2.028	-9627.67	13608	-14664.5
	45190	5191	-63.519	-65.166	-0.19	-0.01	-0.067	10495.27	14809.63	-16010.6
	45191	5191	63.519	65.166	0.19	0.01	0.067	-10495.3	14809.63	-16010.6
	45191	5192	-63.519	-37.759	-0.19	-0.01	-2.162	11061.39	15593.7	-16889
	45192	5192	63.521	-5.439	-0.072	0.076	2.162	-11061.4	15593.72	-16889
	45192	5193	-63.521	30.403	0.072	-0.076	-1.441	10881.82	15345.01	-16610.4
	45193	5193	63.521	-30.403	-0.073	-0.043	1.441	-10881.8	15345.01	-16610.4
	45193	5194	-63.521	55.393	0.073	0.043	-0.713	10451.53	14749.05	-15942.7
	45194	5194	63.518	-96.492	0.129	0.004	0.713	-10451.5	14749.04	-15942.8
	45194	5195	-63.518	121.482	-0.129	-0.004	-2.002	9358.319	13234.96	-14246.5
	45195	5195	63.518	-121.482	0.129	0.004	2.002	-9358.32	13234.96	-14246.5
	45195	5196	-63.518	146.471	-0.129	-0.004	-3.291	8014.455	11373.72	-12161.4
	45196	5196	63.521	-190.237	-0.013	-0.008	3.291	-8014.45	11373.72	-12161.4
	45196	5197	-63.521	217.643	0.013	0.008	-3.151	5770.978	8266.54	-8680.43
	45197	5197	63.521	-217.643	-0.013	-0.008	3.151	-5770.98	8266.54	-8680.43
	45197	5198	-63.521	245.049	0.013	0.008	-3.011	3226.021	4741.8	-4731.68
	45198	5198	63.52	-289.517	0.063	-0.022	3.011	-3226.02	4741.8	-4731.69
	45198	5199	-63.52	323.75	-0.063	0.022	-3.875	-987.37	-1093.71	1805.79
45199	5199	67.266	-322.992	0.062	-0.041	3.874	969.092	-1038.91	1559.07	
45199	5200	-67.511	344.148	-0.062	0.041	-4.389	-3721.34	-4629.68	5083.31	
45200	5200	76.44	-385.49	-0.038	0.843	4.42	3721.303	-4593.96	5118.94	
45200	5201	-77.456	415.908	0.038	-0.843	-3.97	-8431.98	-9707	10112.26	
45201	5201	92.388	-421.307	0.033	-1.52	8.175	9157.129	-8229.49	8720.92	
45201	5202	-94.89	461.812	-0.033	1.52	-8.612	-15017.7	-11184.2	11593.69	
45202	5202	112.049	-504.857	-0.075	8.343	9.477	15017.58	-11137	11640.84	
45202	5203	-115.648	544.753	0.075	-8.343	-8.536	-21602.6	-12717.8	13137.84	
45203	5203	130.678	-541.344	-0.022	-9.057	6.735	21602.6	-12680.2	13175.74	
45203	5204	-135.66	583.498	0.022	9.057	-6.458	-28679.5	-12970.4	13398.01	
45204	5204	-2416.39	257.484	-2.595	2.072	97.349	8100.209	-16107.9	1019.16	
45204	5205	2416.393	-229.619	2.595	-2.072	-72.691	-5786.34	-13656.9	-1422.3	
45205	5205	-2416.39	229.619	-5.221	-3.574	72.691	5490.132	-14950.5	-2236.87	
45205	5206	2416.389	-208.368	5.221	3.574	-32.228	-3792.82	-13035.1	-4252.01	
45206	5206	-2416.39	208.368	-2.103	1.319	32.228	3792.82	-13035.2	-4252.02	
45206	5207	2416.393	-187.118	2.103	-1.319	-15.928	-2260.23	-11305.7	-6071.59	
45207	5207	-2416.4	139.566	-3.74	-0.082	15.928	2260.236	-11305.7	-6071.61	
45207	5208	2416.402	-117.63	3.74	0.082	13.995	-1231.39	-10144.7	-7293.11	
45208	5208	-2416.4	117.63	-3.74	-0.082	-13.995	1231.388	-10144.7	-7293.11	
45208	5209	2416.402	-95.694	3.74	0.082	43.917	-378.041	-9181.69	-8306.25	
45209	5209	-2416.4	95.694	-3.74	-0.082	-43.917	378.041	-9181.69	-8306.25	
45209	5210	2416.402	-73.757	3.74	0.082	73.84	299.806	-8416.76	-9111.02	
45210	5210	-2416.44	24.421	1.191	-0.339	-73.84	-299.817	-8416.86	-9111.16	
45210	5211	2416.435	-7.97	-1.191	0.339	66.693	396.995	-8307.2	-9226.53	
45211	5211	-2416.43	7.97	-2.836	0.323	-66.693	-396.995	-8307.19	-9226.53	
45211	5212	2416.433	8.483	2.836	-0.323	83.708	395.456	-8308.93	-9224.7	
45212	5212	-2416.44	-8.483	1.191	-0.336	-83.708	-395.456	-8308.94	-9224.7	
45212	5213	2416.435	24.935	-1.191	0.336	76.561	295.199	-8422.07	-9105.67	
45213	5213	-2416.43	-24.935	-2.836	0.156	-76.561	-295.199	-8422.07	-9105.67	
45213	5214	2416.433	41.387	2.836	-0.156	93.577	96.222	-8646.61	-8869.43	
45214	5214	-2416.5	-90.418	1.642	0.098	-93.577	-96.11	-8646.98	-8869.55	
45214	5215	2416.501	112.355	-1.642	-0.098	80.444	-715.034	-9562.34	-7906.51	
45215	5215	-2416.5	-112.355	4.662	0.992	-80.444	715.033	-9562.32	-7906.5	
45215	5216	2416.497	134.291	-4.662	-0.992	43.148	-1701.66	-10675.7	-6735.12	
45216	5216	-2416.5	-134.291	1.642	-1.135	-43.148	1701.664	-10675.7	-6735.14	
45216	5217	2416.501	156.227	-1.642	1.135	30.015	-2863.81	-11987.2	-5355.38	
45217	5217	-2416.52	-202.827	1.931	-17.451	-30.015	2863.618	-11987	-5355.66	
45217	5218	2416.516	224.051	-1.931	17.451	15.07	-4515.75	-13851.4	-3394.17	
45218	5218	-2416.51	-224.051	5.085	-11.557	-15.07	4515.768	-13851.4	-3394.13	
45218	5219	2416.511	245.301	-5.085	11.557	-24.339	-6334.6	-15903.9	-1234.71	
45219	5219	-2416.44	-245.301	19.854	29.592	24.339	6630.771	-14551.5	-531.44	
45219	5220	2416.435	273.165	-19.854	-29.592	-212.949	-9093.51	-17160.2	2067.1	
45220	5220	118.021	562.755	0.543	-37.321	-0.85	29889.32	-13569.6	13911.08	
45220	5221	-113.039	-520.604	-0.543	37.321	-5.982	-23073.8	-13610.1	14006.38	
45221	5221	98.589	523.533	0.379	36.062	-1.687	23073.82	-13646.2	13970.27	
45221	5222	-94.99	-483.638	-0.379	-36.062	-3.07	-16755.3	-12508.2	12905.21	
45222	5222	78.658	443.661	0.542	-2.859	6.486	16755.65	-12553.5	12860.56	
45222	5223	-76.156	-403.155	-0.542	2.859	-13.685	-11136.1	-10115.4	10498.1	

SPAN 8 -- Cumulative Affects thru Day 40

PIER 8 -- Cumulative Affects thru Day 47

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 9 -- Cumulative Affects thru Day 26	45223	5223	65.147	306.818	0.32	-2.08	-5.061	-1461.71	1985.53	-1450.2	
	45223	5224	-64.078	-274.81	-0.32	2.08	1.296	4880.681	6681.75	-6057.21	
	45224	5224	57.518	228.417	0.425	14.548	-1.533	-4881	6655.97	-6083.84	
	45224	5225	-57.26	-206.145	-0.425	-14.548	-1.97	6673.932	9253.58	-8638.14	
	45225	5225	54.869	206.794	0.214	-11.116	2.139	-6666.29	7836.89	-7870.87	
	45225	5226	-54.869	-163.608	-0.214	11.116	-5.445	9526.484	11112.78	-11334.5	
	45226	5226	54.87	110.659	0.683	22.506	5.445	-9526.37	11112.66	-11334.3	
	45226	5227	-54.87	-77.511	-0.683	-22.506	-13.545	10641.67	12390.05	-12684.9	
	45227	5227	54.872	77.511	0.452	-22.36	13.545	-10641.7	12390.06	-12684.9	
	45227	5228	-54.872	-44.359	-0.452	22.36	-18.904	11364.08	13217.47	-13559.7	
	45228	5228	54.869	-9.616	0.686	23.254	18.904	-11363.1	13216.34	-13558.5	
	45228	5229	-54.869	42.771	-0.686	-23.254	-27.034	11052.54	12860.63	-13182.4	
	45229	5229	54.871	-42.771	0.454	-23.324	27.034	-11052.5	12860.64	-13182.4	
	45229	5230	-54.871	75.931	-0.454	23.324	-32.423	10348.75	12054.56	-12330.2	
	45230	5230	54.882	-131.446	-0.113	13.772	32.423	-10347	12052.56	-12328	
	45230	5231	-54.882	165.533	0.113	-13.772	-31.051	8536.902	9979.42	-10136.1	
	45231	5231	54.881	-165.533	-0.292	-14.215	31.051	-8536.9	9979.42	-10136.1	
	45231	5232	-54.881	199.625	0.292	14.215	-27.486	6310.986	7429.99	-7440.57	
	45232	5232	54.799	-254.31	2.984	5.921	27.486	-6309.67	7428.18	-7439.28	
	45232	5233	-54.799	280.01	-2.984	-5.921	-54.907	3854.324	4615.97	-4465.96	
	45233	5233	57.493	-279.47	2.902	-0.33	54.906	-3854.33	4391.26	-4184.18	
	45233	5234	-57.682	299.137	-2.902	0.33	-74.899	1861.426	2188.32	-1877.41	
	45234	5234	62.468	-298.175	2.775	-5.849	74.774	-1861.42	2205.01	-1860.71	
	45234	5235	-63.037	320.379	-2.775	5.849	-96.26	-533.172	-323.62	780.01	
	45235	5235	69.663	-366.705	-1.874	-6.968	96.177	533.283	-300.99	802.87	
	45235	5236	-70.283	382.214	1.874	6.968	-86.112	-2544.68	-2202.73	2778.95	
	PIER 9 -- Cumulative Affects thru Day 33	45236	5236	63.992	-396.377	-2.425	-1.229	173.301	4250.238	-2682.55	3147.15
		45236	5237	-65.664	426.464	2.425	1.229	-152.767	-7732.97	-4467.39	5003.81
		45237	5237	72.664	-425.326	-2.512	12.123	153.87	7732.943	-4451.21	5019.95
		45237	5238	-74.387	449.222	2.512	-12.123	-137.273	-10622.2	-5555.86	6150.93
		45238	5238	87.022	-499.256	-1.836	-18.732	134.909	10619.22	-5526.09	6177.37
		45238	5239	-90.321	535.863	1.836	18.732	-116.777	-15730.8	-6928.35	7588.06
		45239	5239	119.879	-530.033	-1.933	11.217	120.886	15730.74	-6866.52	7649.86
		45239	5240	-125.906	571.212	1.933	-11.217	-100.21	-21617	-7295.23	8010.51
		45240	5240	-2284.1	302.733	-72.874	-5.321	1433.158	6422.535	-10529.4	-531.34
45240		5241	2284.103	-260.231	72.874	5.321	-537.777	-2964.04	-7919.02	-3304.86	
45241		5241	-2284.38	260.231	-63.468	6.885	537.777	2964.035	-8121.91	-3451.35	
45241		5242	2284.384	-240.278	63.468	-6.885	-166.213	-1498.95	-7002.59	-4640.63	
45242		5242	-2284.43	240.278	-61.712	8.037	166.213	1498.944	-7002.71	-4640.76	
45242		5243	2284.432	-218.616	61.712	-8.037	226.024	-40.591	-5888.53	-5824.57	
45243		5243	-2287.06	169.716	-11.537	2.916	-226.024	40.296	-5895.03	-5831.54	
45243		5244	2287.056	-136.225	11.537	-2.916	339.396	1462.854	-4746.63	-7051.71	
45244		5244	-2287.08	136.225	-3.862	-1.993	-339.396	-1462.86	-4746.7	-7051.78	
45244		5245	2287.082	-102.863	3.862	1.993	377.203	2633.045	-3852.68	-8001.68	
45245		5245	-2286.21	61.319	-16.176	5.433	-377.203	-2632.35	-3850.97	-7998.88	
45245		5246	2286.211	-26.754	16.176	-5.433	541.253	3078.951	-3509.77	-8361.41	
45246		5246	-2286.25	26.754	-8.43	-4.998	-541.253	-3078.95	-3509.88	-8361.51	
45246		5247	2286.252	5.564	8.43	4.998	621.189	3179.416	-3433.12	-8443.06	
45247		5247	-2286.1	-49.762	-6.05	4.372	-621.189	-3178.63	-3433.32	-8442.03	
45247		5248	2286.096	81.437	6.05	-4.372	677.411	2568.977	-3899.09	-7947.14	
45248		5248	-2286.1	-81.437	1.035	-3.589	-677.411	-2568.98	-3899.11	-7947.16	
45248		5249	2286.104	116.644	-1.035	3.589	666.723	1545.874	-4680.76	-7116.66	
45249		5249	-2287.24	-156.623	38.015	0.545	-666.723	-1545.54	-4683.91	-7119.29	
45249		5250	2287.235	191.086	-38.015	-0.545	282.32	-212.462	-6027.02	-5692.24	
45250		5250	-2287.13	-191.086	43.957	1.097	-282.32	212.46	-6026.75	-5691.97	
45250		5251	2287.128	223.504	-43.957	-1.097	-135.79	-2184.2	-7533.15	-4091.42	
45251		5251	-2284.65	-281.125	-26.599	-38.395	135.79	2182.8	-7525.74	-4086.21	
45251		5252	2284.653	301.737	26.599	38.395	25.075	-3945.34	-8872.31	-2655.47	
45252		5252	-2284.69	-301.737	-23.05	-32.267	-25.075	3945.392	-8872.45	-2655.53	
45252		5253	2284.692	323.072	23.05	32.267	169.364	-5900.98	-10366.5	-1068.09	
45253		5253	-2284.74	-323.072	-17.132	-16.982	-169.364	5901.043	-10137.4	-951.14	
45253	5254	2284.744	355.926	17.132	16.982	332.079	-9125.48	-12571.1	1634.68		
45254	5254	-2284.74	-355.926	-17.132	-16.982	-332.079	9125.48	-12571.1	1634.68		
45254	5254	145.817	554.435	-79.508	237.074	-248.515	26114.83	-8818.04	9657.89		
45254	5255	-144.45	-543.758	79.508	-237.074	248.515	-26114.83	8818.04	-9657.89		
45255	5255	126.393	493.585	41.727	-28.711	-429.294	24623.07	-8805.75	9594.4		
45255	5256	-121.039	-445.287	-41.727	28.711	429.294	-24623.07	8805.75	-9594.4		
45256	5256	110.636	448.011	41.448	41.873	89.605	18708.7	-8518.2	9343.56		
45256	5257	-107.705	-414.309	-41.448	-41.873	-89.605	-18708.7	8518.2	-9343.56		
45257	5257	97.962	360.655	-20.979	-35.688	473.84	14768.19	-7876.94	8695.08		
45257	5258	-96.319	-337.161	20.979	35.688	-473.84	-14768.19	7876.94	-8695.08		
45258	5258	91.113	338.594	-21.151	-11.165	334.965	12495.46	-7360.54	8170.61		
45258	5259	-89.669	-312.159	21.151	11.165	-334.965	-12495.46	7360.54	-8170.61		
45259	5259	84.202	313.663	-21.367	15.784	176.102	10072.49	-9373.26	10345.48		
45259	5260	-83.343	-290.649	21.367	-15.784	-176.102	-10072.49	9373.26	-10345.48		

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 10 - Cumulative Affects thru Day 5	45260	5260	121.08	269.093	1.935	19.131	-15.075	-3739.96	4277.84	-3614.27
	45260	5261	-120.668	-250.9	-1.935	-19.131	3.64	5276.695	6065.61	-5483.7
	45261	5261	117.287	252.501	1.52	0.164	-3.207	-5276.73	6053.84	-5495.54
	45261	5262	-117.107	-232.845	-1.52	-0.164	-6.532	6831.156	7836.14	-7362.4
	45262	5262	114.968	233.909	1.388	-7.385	6.533	-6860.29	8768.41	-7344.8
	45262	5263	-114.968	-197.086	-1.388	7.385	-23.456	9486.722	11965.02	-10317.1
	45263	5263	114.972	138.423	1.284	16.88	23.456	-9486.32	11964.55	-10316.6
	45263	5264	-114.972	-103.924	-1.284	-16.88	-38.117	10869.96	13648.56	-11882.4
	45264	5264	114.975	103.924	0.954	-14.343	38.117	-10870	13648.58	-11882.4
	45264	5265	-114.975	-68.773	-0.954	14.343	-49.213	11874.59	14871.3	-13019.3
	45265	5265	114.978	13.453	0.869	24.064	49.213	-11874.6	14871.37	-13019.4
	45265	5266	-114.978	-21.774	-0.869	-24.064	-59.343	11826.13	14812.33	-12964.5
	45266	5266	114.981	-21.774	0.414	-22.764	59.343	-11826.1	14812.34	-12964.5
	45266	5267	-114.981	56.196	-0.414	22.764	-64.055	11381.97	14271.75	-12461.8
	45267	5267	114.995	-112.246	1.52	24.001	64.055	-11382.6	14272.52	-12462.4
	45267	5268	-114.995	147.107	-1.52	-24.001	-81.599	9886.257	12451.39	-10769.1
	45268	5268	115.001	-147.107	0.971	-23.262	81.599	-9886.26	12451.42	-10769.1
	45268	5269	-115.001	181.87	-0.971	23.262	-92.768	7993.645	10147.94	-8627.27
	45269	5269	114.989	-235.788	-0.034	11.386	92.768	-7994.42	10148.83	-8628.19
	45269	5270	-114.989	262.561	0.034	-11.386	-92.466	5786.36	7461.43	-6129.38
	45270	5270	114.989	-262.561	-0.367	-5.351	92.466	-5786.37	7461.44	-6129.39
	45270	5271	-114.989	289.223	0.367	5.351	-89.23	3351.678	4498.2	-3374.11
	45271	5271	117.6	-288.171	-0.627	-13.582	89.111	-3322.52	3537.3	-2990.25
	45271	5272	-117.789	309.042	0.627	13.582	-85.098	1411.116	1684.68	-1042.73
	45272	5272	123.945	-364.472	10.487	-3.309	85.163	-1412.05	1704.13	-1025.1
	45272	5273	-124.495	387.497	-10.487	3.309	-158.908	-1231.92	-739.73	1533.7
	45273	5273	130.236	-385.612	10.257	-3.204	158.936	1231.917	-722.68	1550.74
	45273	5274	-131.072	407.23	-10.257	3.204	-226.136	-3829.04	-2848.82	3760.18
	45274	5274	138.774	-404.677	9.968	1.177	226.534	3839.857	-2093.61	2964.66
	45274	5275	-141.199	446.753	-9.968	-1.177	-337.807	-8591.34	-4330.17	5357.7
	45275	5275	155.502	-509.742	-39.065	-31.609	335.724	8592.611	-4300.01	5389.29
	45275	5276	-158.587	547.957	39.065	31.609	49.652	-13808.7	-5989.58	7144.47
	45276	5276	169.896	-544.523	-39.532	25.675	-44.574	13808.71	-5966.63	7167.44
	45276	5277	-173.801	582.839	39.532	-25.675	423.075	-19204.6	-7009.92	8197.98
	45277	5277	154.455	-771.895	75.854	-72.262	-1077.54	39831.58	-14929.3	16612.78
	45277	5278	-158.369	804.256	-75.854	72.262	488.914	-45946.2	-14785.5	16335.85
	45278	5278	3426.71	426.888	37.715	10.59	-190.906	15000.94	-18745.2	3700.91
	45278	5279	-3426.711	-391.928	-37.715	-10.59	-167.037	-11115.4	-15988.1	643.95
	45279	5279	3426.58	391.928	47.95	47.997	167.037	11415.95	-18302.6	136.84
	45279	5280	-3426.583	-369.444	-47.95	-47.997	-480.306	-8928.83	-16354.8	-1932.66
	45280	5280	3428.29	304.255	-59.033	-8.988	480.306	8929.78	-16360.2	-1936.53
	45280	5281	-3428.288	-264.117	59.033	8.988	208.187	-5615.39	-13764.6	-4694.4
	45281	5281	3428.43	264.117	-50.07	5.694	-208.187	5615.39	-13765	-4694.79
	45281	5282	-3428.43	-221.411	50.07	-5.694	829.525	-2602.83	-11405.7	-7201.51
	45282	5282	3428.01	152.118	3.351	-2.001	-829.525	2602.861	-11404.6	-7200.33
	45282	5283	-3428.01	-115.846	-3.351	2.001	788.01	-942.995	-10104.7	-8581.49
	45283	5283	3427.98	115.846	14.006	0.93	-788.01	942.996	-10104.6	-8581.42
45283	5284	-3427.983	-81.637	-14.006	-0.93	624.367	210.692	-9201.07	-9541.39	
45284	5284	3428.13	-22.011	13.156	-0.474	-624.367	-210.723	-9201.44	-9541.81	
45284	5285	-3428.127	55.024	-13.156	0.474	476.023	-223.576	-9541.56	-9180.43	
45285	5285	3428.09	-55.024	21.342	0.06	-476.023	223.577	-9541.45	-9180.32	
45285	5286	-3428.085	84.504	-21.342	-0.06	261.127	-926.03	-10091.6	-8595.81	
45286	5286	3428.03	-173.086	37.287	-4.443	-261.127	926.113	-10091.5	-8595.6	
45286	5287	-3428.033	206.493	-37.287	4.443	164.328	-3091.65	-11787.4	-6793.69	
45287	5287	3427.88	-206.493	49.101	6.212	164.328	3091.642	-11787	-6793.28	
45287	5288	-3427.884	240.073	-49.101	-6.212	-727.466	-5652.45	-13792.5	-4662.46	
45288	5288	3429.34	-246.659	-32.088	-22.565	727.466	5653.217	-13797	-4665.79	
45288	5289	-3429.335	258.367	32.088	22.565	-599.151	-6662.97	-14587.8	-3825.58	
45289	5289	3429.38	-258.367	-27.223	-10.722	599.151	6362.067	-12621.6	-3101.96	
45289	5290	-3429.377	288.482	27.223	10.722	-340.539	-8959.57	-14464.7	-1058.39	
45290	5290	149.912	988.141	-23.818	12.127	108.225	36634.55	-12007.1	13360.42	
45290	5291	-145.749	-950.244	23.818	-12.127	140.556	-26512.9	-10489.9	11863.94	
45291	5291	112.86	863.709	1.839	-34.412	-136.024	26515.16	-10554.6	11801.09	
45291	5292	-109.744	-825.92	-1.839	34.412	116.065	-17346.2	-8138.2	9294.23	
45292	5292	87.852	828.535	1.682	34.079	-120.587	17346.16	-8183.53	9248.87	
45292	5293	-86.018	-795.686	-1.682	-34.079	104.226	-9447	-4928.74	5763.21	
45293	5293	65.908	706.753	3.569	-9.68	-101.891	9448.165	-4972.79	5720.48	
45293	5294	-65.075	-682.537	-3.569	9.68	75.848	-4379.77	-2367.06	2889.82	
45294	5294	51.042	683.73	3.467	2.985	-76.184	4375.666	-3219.94	3650.99	
45294	5295	-50.738	-661.762	-3.467	-2.985	49.714	760.417	743.28	-481.76	
45295	5295	41.885	662.382	3.365	1.787	-49.669	-760.423	718.18	-506.87	
45295	5296	-41.874	-638.839	-3.365	-1.787	22.071	6096.127	4928.3	-4901.66	

SPAN 10 - Cumulative Affects thru Day 5

PIER 10 - Cumulative Affects thru Day 19

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM
									STRESS	STRESS
SPAN 11 - Cumulative Affects thru Day 12	45296	5296	31.165	582.649	1.486	13.096	6.348	-2184.14	1811.58	-1710.33
	45296	5297	-31.165	-570.792	-1.486	-13.096	-12.514	4576.836	3699.29	-3680.83
	45297	5297	31.167	570.792	1.45	7.737	12.514	-4576.85	2741.27	-2746.17
	45297	5298	-31.167	-540.126	-1.45	-7.737	-25.942	9722.029	5746.61	-5909.69
	45298	5298	31.17	540.126	1.375	-15.395	25.942	-9722.02	5746.61	-5909.68
	45298	5299	-31.17	-509.784	-1.375	15.395	-38.549	14533.43	8557	-8867.97
	45299	5299	31.157	429.489	-0.279	41.041	38.549	-14534.6	8557.67	-8868.74
	45299	5300	-31.157	-390.869	0.279	-41.041	-35.299	19319.66	11352.64	-11810.8
	45300	5300	31.156	390.869	-0.399	-33.875	35.299	-19319.7	11352.65	-11810.8
	45300	5301	-31.156	-349.835	0.399	33.875	-30.349	23910.21	14034.01	-14633.3
	45301	5301	31.152	269.36	-0.751	52.742	30.349	-23912.1	14035.13	-14634.5
	45301	5302	-31.152	-227.951	0.751	-52.742	-20.95	27022.43	15851.88	-16546.9
	45302	5302	31.149	227.951	-0.871	-51.114	20.95	-27022.4	15851.87	-16546.9
	45302	5303	-31.149	-189.738	0.871	51.114	-10.896	29433.05	17259.93	-18029.1
	45303	5303	31.172	109.066	1.206	64.03	10.896	-29435.2	17261.22	-18030.3
	45303	5304	-31.172	-65.988	-1.206	-64.03	-26.587	30574.08	17926.47	-18730.6
	45304	5304	31.177	65.988	1.071	-68.687	26.587	-30574.1	17926.47	-18730.6
	45304	5305	-31.177	-29.415	-1.071	68.687	-38.414	31101.06	18234.29	-19054.6
	45305	5305	31.157	-51.229	-0.93	51.943	38.414	-31103.3	18235.58	-19056
	45305	5306	-31.157	91.142	0.93	-51.943	-27.206	30245.09	17734.27	-18528.3
	45306	5306	31.154	-91.142	-1.031	-46.402	27.206	-30245.1	17734.26	-18528.3
	45306	5307	-31.154	130.815	1.031	46.402	-14.851	28915.14	16957.43	-17710.6
	45307	5307	31.179	-211.794	1.745	54.612	14.851	-28917.2	16958.67	-17711.8
	45307	5308	-31.179	251.131	-1.745	-54.612	-35.588	26166.86	15352.19	-16020.8
	45308	5308	31.185	-251.131	1.622	-48.985	35.588	-26166.9	15352.21	-16020.8
	45308	5309	-31.185	291.433	-1.622	48.985	-55.331	22864.3	13423.15	-13990.2
	45309	5309	31.146	-364.917	-2.371	35.334	55.331	-22865.7	13423.87	-13991.1
	45309	5310	-31.146	404.803	2.371	-35.334	-26.768	18228.75	10715.41	-11140.1
	45310	5310	31.137	-404.803	-2.486	-32.231	26.768	-18228.8	10715.39	-11140.1
	45310	5311	-31.137	444.524	2.486	32.231	3.061	13133.57	7739.26	-8007.34
	45311	5311	31.159	-528.492	0.198	12.613	-3.061	-13134.3	7739.72	-8007.73
	45311	5312	-31.159	570.207	-0.198	-12.613	0.561	6212.08	3696.41	-3751.61
45312	5312	31.16	-570.207	0.052	-16.6	-0.561	-6212.07	3696.4	-3751.61	
45312	5313	-31.16	606.064	-0.052	16.6	0	-158.044	-24.43	165.06	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 3 -- Cumulative Affects thru Day 127	46000	6000	0.016	14.399	-0.06	-0.012	0	0.114	-5.98	7.83	
	46000	6001	-0.016	4.383	0.06	0.012	0.702	58.084	3346.19	-3703.5	
	46001	6001	0.016	-4.383	-0.06	0.057	-0.702	-58.084	3346.19	-3703.49	
	46001	6002	-0.016	19.955	0.06	-0.057	1.284	-59.172	-3407.7	3774.03	
	46002	6002	0.021	20.667	0.073	-0.012	-1.284	59.285	-3414.05	3781.4	
	46002	6003	-0.021	-1.069	-0.073	0.012	0.398	72.502	4176.83	-4622.79	
	46003	6003	0.021	1.069	0.073	0.047	-0.398	-72.502	4176.83	-4622.79	
	46003	6004	-0.021	18.531	-0.073	-0.047	-0.487	-33.379	-1921.88	2129.36	
	46004	6004	0.021	20.069	-0.02	0.006	0.487	33.38	-1921.94	2129.4	
	46004	6005	-0.021	-0.465	0.02	-0.006	-0.245	91.153	5251.13	-5812.21	
	46005	6005	0.021	0.465	-0.02	0.016	0.245	-91.153	5251.13	-5812.21	
	46005	6006	-0.021	19.122	0.02	-0.016	-0.003	-21.901	-1260.78	1397.4	
	46006	6006	0.02	19.793	0.009	0.004	0.003	22.092	-1271.78	1409.54	
	46006	6007	-0.02	-0.19	-0.009	-0.004	-0.106	99.103	5709.07	-6319.25	
	46007	6007	0.02	0.19	0.009	0.004	0.106	-99.103	5709.07	-6319.25	
	46007	6008	-0.02	19.413	-0.009	-0.004	-0.21	-17.478	-1005.99	1115.28	
	46008	6008	0.019	19.427	-0.001	0.038	0.21	17.112	-985.01	1091.91	
	46008	6009	-0.019	0.164	0.001	-0.038	-0.192	99.643	5740.09	-6353.73	
	46009	6009	0.019	-0.164	-0.001	-0.043	0.192	-99.643	5740.09	-6353.73	
	46009	6010	-0.019	19.753	0.001	0.043	-0.175	-21.059	-1212.34	1343.6	
	46010	6010	0.017	19.259	-0.001	-0.013	0.175	21.347	-1228.97	1361.91	
	46010	6011	-0.017	0.348	0.001	0.013	-0.158	93.365	5378.43	-5953.43	
	46011	6011	0.017	-0.348	-0.001	-0.004	0.158	-93.365	5378.43	-5953.43	
	46011	6012	-0.017	19.939	0.001	0.004	-0.142	-29.595	-1704.09	1887.94	
	46012	6012	0.017	18.438	0.01	-0.013	0.142	29.634	-1706.3	1890.38	
	46012	6013	-0.017	1.157	-0.01	0.013	-0.259	75.131	4328.12	-4790.58	
	46013	6013	0.017	-1.157	0.01	-0.013	0.259	-75.131	4328.12	-4790.58	
	46013	6014	-0.017	20.753	-0.01	0.013	-0.376	-57.692	-3322.48	3679.73	
	46014	6014	0.018	20.139	-0.008	-0.006	0.376	57.887	-3333.65	3692.16	
	46014	6015	-0.018	5.723	0.008	0.006	-0.248	57.456	3310.09	-3663.41	
	46015	6015	0.018	-5.723	-0.008	-0.034	0.248	-57.456	3310.09	-3663.41	
	46015	6016	-0.018	19.052	0.008	0.034	-0.182	-44.706	-2574.44	2851.6	
	PIER 3 -- Cumulative Affects thru Day 134	46016	6016	-0.524	20.227	-0.01	-0.015	0.298	104.474	-6036.08	6644.07
		46016	6017	0.524	-1.502	0.01	0.015	-0.181	23.249	1320.75	-1500.99
		46017	6017	-0.524	1.502	-0.01	-0.015	0.181	-23.249	1320.75	-1500.99
46017		6018	0.524	19.611	0.01	0.015	-0.05	-96.768	-5592.22	6152.66	
46018		6018	-0.522	19.401	0.068	-0.012	0.05	96.715	-5589.11	6149.37	
46018		6019	0.522	0.493	-0.068	0.012	-0.9	21.362	1212.13	-1380.57	
46019		6019	-0.522	-0.493	0.068	-0.014	0.9	-21.362	1212.13	-1380.57	
46019		6020	0.522	20.404	-0.068	0.014	-1.752	-109.245	-6310.83	6948.42	
46020		6020	-0.6	20.972	-0.044	-0.005	1.752	109.197	-6310.81	6942.64	
46020		6021	0.6	-5.831	0.044	0.005	-1.338	18.196	1027.03	-1181.4	
46021		6021	-0.6	5.831	-0.043	-0.027	1.338	-18.196	1027.03	-1181.4	
46021		6022	0.6	6.506	0.043	0.027	-1.006	15.581	876.45	-1014.69	
46022		6022	-0.6	-6.506	-0.044	-0.009	1.006	-15.582	876.46	-1014.69	
46022		6023	0.6	18.859	0.044	0.009	-0.668	-82.779	-4789.1	5257.89	
46023		6023	-0.574	19.468	-0.095	-0.018	0.668	82.69	-4783.11	5253.14	
46023		6024	0.574	-6.731	0.095	0.018	0.096	22.059	1250.44	-1426.86	
46024		6024	-0.574	6.731	-0.096	0.01	-0.096	-22.059	1250.44	-1426.85	
46024		6025	0.574	6.008	0.096	-0.01	0.865	24.95	1416.98	-1611.24	
46025		6025	-0.574	-6.008	-0.095	-0.025	-0.865	-24.95	1416.98	-1611.24	
46025		6026	0.574	18.761	0.095	0.025	1.629	-74.204	-4294.28	4711.94	
46026		6026	-0.578	18.978	-0.015	-0.004	-1.629	74.094	-4288.12	4704.81	
46026		6027	0.578	-9.433	0.015	0.004	1.721	11.025	614.77	-723.39	
46027		6027	-0.578	9.433	-0.015	-0.005	-1.721	-11.025	614.77	-723.39	
46027		6028	0.578	0.128	0.015	0.005	1.813	38.95	2223.24	-2504.2	
46028		6028	-0.578	-0.128	-0.015	-0.005	-1.813	-38.95	2223.24	-2504.2	
46028		6029	0.578	9.688	0.015	0.005	1.905	9.492	526.42	-625.58	
46029		6029	-0.578	-9.688	-0.014	-0.021	-1.905	-9.492	526.42	-625.58	
46029		6030	0.578	19.247	0.014	0.021	1.991	-77.331	-4474.55	4911.21	
46030		6030	-0.579	18.399	0.056	0.002	-1.991	77.305	-4473.06	4909.54	
46030		6031	0.579	-5.651	-0.056	-0.002	1.543	18.933	1070.22	-1227.66	
46031		6031	-0.578	5.651	0.057	-0.019	-1.543	-18.933	1070.22	-1227.65	
46031		6032	0.578	7.08	-0.057	0.019	1.09	13.224	741.4	-863.6	
46032		6032	-0.579	-7.08	0.056	-0.004	-1.09	-13.224	741.39	-863.6	
46032		6033	0.579	19.828	-0.056	0.004	0.642	-94.447	-5460.43	6002.7	
46033		6033	-0.578	18.816	0.056	-0.004	-0.642	94.451	-5460.66	6002.98	
46033	6034	0.578	-6.475	-0.056	0.004	0.206	3.518	182.36	-244.65		
46034	6034	-0.578	6.475	0.056	-0.005	-0.206	-3.518	182.36	-244.65		
46034	6035	0.578	5.881	-0.056	0.005	-0.23	5.822	315.07	-391.57		
46035	6035	-0.578	-5.881	0.056	-0.004	0.23	-5.822	315.06	-391.58		
46035	6036	0.578	20.991	-0.056	0.004	-0.764	-121.627	-7026	7736.04		
46036	6036	-0.519	20.916	-0.032	-0.01	0.764	121.62	-7023.52	7737.67		
46036	6037	0.519	-0.99	0.032	0.01	-0.368	15.395	868.54	-999.97		
46037	6037	-0.519	0.99	-0.032	0.003	0.368	-15.395	868.54	-999.96		
46037	6038	0.519	18.922	0.032	-0.003	0.034	-96.69	-5587.53	6147.83		
46038	6038	-0.521	13.66	-0.145	-0.008	-0.034	96.697	-5588.01	6148.21		
46038	6039	0.521	7.442	0.145	0.008	1.95	-55.511	-3215.71	3521.73		

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
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NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	46039	6039	0.037	2.136	0.026	0.01	-0.012	-16.641	959.78	-1059.91
	46039	6040	-0.037	16.231	-0.026	-0.01	-0.296	-66.179	-3810.61	4221.61
	46040	6040	0.037	19.392	-0.011	0.029	0.296	66.269	-3815.79	4227.36
	46040	6041	-0.037	-6.504	0.011	-0.029	-0.202	40.502	2334.22	-2581.58
	46041	6041	0.037	6.504	-0.012	-0.009	0.202	-40.502	2334.22	-2581.58
	46041	6042	-0.037	17.84	0.012	0.009	-0.023	-47.782	-2750.96	3048.44
	46042	6042	0.037	19.203	0.009	-0.029	0.023	47.803	-2752.16	3049.77
	46042	6043	-0.037	-0.579	-0.009	0.029	-0.127	70.061	4036.81	-4466.58
	46043	6043	0.037	0.579	0.009	0.035	0.127	-70.061	4036.81	-4466.58
	46043	6044	-0.037	18.03	-0.009	-0.035	-0.232	-33.838	-1947.75	2159.18
	46044	6044	0.037	18.681	-0.003	0.001	0.232	33.948	-1954.13	2166.25
	46044	6045	-0.037	-0.058	0.003	-0.001	-0.201	77.7	4476.82	-4953.73
	46045	6045	0.037	0.058	-0.003	0.001	0.201	-77.7	4476.82	-4953.73
	46045	6046	-0.037	18.566	0.003	-0.001	-0.171	-32.578	-1875.19	2078.85
	46046	6046	0.037	18.246	0	-0.005	0.171	32.579	-1875.24	2078.9
	46046	6047	-0.037	0.385	0	0.005	-0.175	73.884	4257.02	-4710.38
	46047	6047	0.037	-0.385	0	0	0.175	-73.884	4257.02	-4710.38
	46047	6048	-0.037	19.001	0	0	-0.18	-41.57	-2393.14	2652.29
	46048	6048	0.037	17.677	0.007	0.022	0.18	41.457	-2386.6	2645.05
	46048	6049	-0.037	0.94	-0.007	-0.022	-0.26	58.234	3355.57	-3712.36
	46049	6049	0.037	-0.94	0.007	-0.031	0.26	-58.234	3355.57	-3712.36
	46049	6050	-0.037	19.571	-0.007	0.031	-0.34	-64.02	-3686.27	4083.97
	46050	6050	0.037	17.628	-0.015	-0.008	0.34	63.795	-3673.29	4069.57
	46050	6051	-0.037	6.687	0.015	0.008	-0.109	21.321	1229.35	-1358.35
	46051	6051	0.037	-6.687	-0.015	-0.001	0.109	-21.321	1229.35	-1358.35
	46051	6052	-0.037	19.589	0.015	0.001	0.013	-87.141	-5018	5558.36
	46052	6052	0.036	16.609	-0.012	-0.004	-0.013	87.033	-5011.85	5551.48
	46052	6053	-0.036	1.749	0.012	0.004	0.159	0.243	15.24	-14.23
	46053	6053	0.026	2.477	-0.019	-0.003	-0.091	-1.91	110.93	-120.91
	46053	6054	-0.026	17.594	0.019	0.003	0.349	-98.248	-5658.15	6266.29
	46054	6054	0.026	18.592	0.074	-0.008	-0.349	98.236	-5657.51	6265.59
	46054	6055	-0.026	0.347	-0.074	0.008	-0.58	15.823	912.3	-1008.13
	46055	6055	0.026	-0.347	0.074	0.006	0.58	-15.823	912.3	-1008.13
	46055	6056	-0.026	19.271	-0.074	-0.006	-1.508	-106.726	-6146.52	6807
	46056	6056	-0.004	19.889	-0.067	-0.001	1.508	106.715	-6146.94	6805.22
46056	6057	0.004	-5.491	0.067	0.001	-0.874	13.911	801.1	-887.25	
46057	6057	-0.004	5.491	-0.067	-0.002	0.874	-13.911	801.1	-887.25	
46057	6058	0.004	6.25	0.067	0.002	-0.357	10.969	631.68	-699.67	
46058	6058	-0.004	-6.25	-0.067	-0.001	0.357	-10.969	631.68	-699.67	
46058	6059	0.004	17.975	0.067	0.001	0.16	-82.791	-4768.89	5279.53	
46059	6059	-0.018	18.657	-0.083	0.005	-0.16	82.865	-4773.63	5283.79	
46059	6060	0.018	-6.526	0.083	-0.005	0.826	17.977	1034.83	-1147.01	
46060	6060	-0.018	6.526	-0.083	-0.016	-0.826	-17.977	1034.83	-1147.01	
46060	6061	0.018	5.589	0.083	0.016	1.492	21.723	1250.61	-1385.92	
46061	6061	-0.018	-5.589	-0.083	0.012	-1.492	-21.723	1250.62	-1385.91	
46061	6062	0.018	17.705	0.083	-0.012	2.157	-71.439	-4115.52	4555.17	
46062	6062	-0.019	18.155	0.003	0.003	-2.157	71.377	-4112.02	4551.15	
46062	6063	0.019	-9.076	-0.003	-0.003	2.142	10.235	588.84	-653.37	
46063	6063	-0.019	9.076	0.003	0.001	-2.142	-10.235	588.84	-653.37	
46063	6064	0.019	0.018	-0.003	-0.001	2.127	37.427	2155.11	-2387.46	
46064	6064	-0.019	-0.018	0.003	0.001	-2.127	-37.427	2155.11	-2387.46	
46064	6065	0.019	9.112	-0.003	-0.001	2.112	10.018	576.37	-639.56	
46065	6065	-0.019	-9.112	0.003	0.003	-2.112	-10.018	576.37	-639.56	
46065	6066	0.019	18.191	-0.003	-0.003	2.097	-71.81	-4136.94	4578.75	
46066	6066	-0.016	17.752	0.093	0.002	-2.097	71.925	-4143.47	4586.2	
46066	6067	0.016	-5.625	-0.093	-0.002	1.355	21.659	1246.99	-1381.81	
46067	6067	-0.016	5.625	0.093	0.004	-1.355	-21.659	1246.99	-1381.81	
46067	6068	0.016	6.486	-0.093	-0.004	0.614	18.218	1048.76	-1162.34	
46068	6068	-0.016	-6.486	0.093	0.004	-0.614	-18.218	1048.76	-1162.34	
46068	6069	0.016	18.598	-0.093	-0.004	-0.126	-82.072	-4727.94	5233.3	
46069	6069	-0.034	17.78	0.049	0.001	0.126	82.189	-4735.31	5240.13	
46069	6070	0.034	-6.033	-0.049	-0.001	-0.507	10.151	583.47	-648.52	
46070	6070	-0.034	6.033	0.049	0.001	0.507	-10.151	583.47	-648.52	
46070	6071	0.034	5.699	-0.049	-0.001	-0.887	11.444	657.94	-730.98	
46071	6071	-0.034	-5.699	0.049	0.012	0.887	-11.444	657.94	-730.98	
46071	6072	0.034	20.088	-0.049	-0.012	-1.353	-111.038	-6397.02	7079.87	
46072	6072	-0.031	20.048	-0.025	0.005	1.353	111.046	-6397.32	7080.45	
46072	6073	0.031	-1.113	0.025	-0.005	-1.036	21.222	1221.31	-1354.46	
46073	6073	-0.031	1.113	-0.025	0.005	1.036	-21.222	1221.31	-1354.46	
46073	6074	0.031	17.823	0.025	-0.005	-0.719	-83.227	-4794.98	5306.44	
46074	6074	-0.036	12.343	-0.229	-0.004	0.719	83.275	-4797.92	5309.34	
46074	6075	0.036	7.73	0.229	0.004	2.319	-52.712	-3037.46	3360.27	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	46075	6075	0.002	2.782	0.023	0.021	0.212	-32.983	1899.89	-2103.29
	46075	6076	-0.002	14.626	-0.023	-0.021	-0.477	-36.602	-2108.17	2334.21
	46076	6076	-0.001	17.091	-0.023	-0.008	0.477	36.443	-2099.11	2323.97
	46076	6077	0.001	-4.867	0.023	0.008	-0.288	54.155	3119.28	-3453.53
	46077	6077	-0.001	4.867	-0.023	0.02	0.288	-54.155	3119.28	-3453.53
	46077	6078	0.001	16.052	0.023	-0.02	0.035	-24.817	-1429.49	1582.61
	46078	6078	0	17.157	0.008	0.01	-0.035	24.686	-1421.92	1574.23
	46078	6079	0	-0.57	-0.008	-0.01	-0.059	74.55	4294.09	-4754.2
	46079	6079	0	0.57	0.008	0.006	0.059	-74.55	4294.09	-4754.2
	46079	6080	0	16.031	-0.008	-0.006	-0.152	-12.079	-695.77	770.28
	46080	6080	-0.001	16.318	-0.002	0.003	0.152	12.092	-696.55	771.14
	46080	6081	0.001	0.28	0.002	-0.003	-0.135	77.745	4478.1	-4957.93
	46081	6081	-0.001	-0.28	-0.002	0.006	0.135	-77.745	4478.1	-4957.93
	46081	6082	0.001	16.863	0.002	-0.006	-0.118	-18.201	-1048.38	1160.67
	46082	6082	0	17.623	0	-0.001	0.118	18.544	-1068.11	1182.54
	46082	6083	0	0.22	0	0.001	-0.123	86.262	4968.66	-5501.03
	46083	6083	0	-0.22	0	0.003	0.123	-86.262	4968.66	-5501.03
	46083	6084	0	18.049	0	-0.003	-0.127	-23.668	-1363.29	1509.34
	46084	6084	0	16.336	-0.004	-0.002	0.127	23.682	-1364.08	1510.21
	46084	6085	0	0.258	0.004	0.002	-0.078	66.366	3822.66	-4232.25
	46085	6085	0	-0.258	-0.004	-0.002	0.078	-66.366	3822.66	-4232.25
	46085	6086	0	16.852	0.004	0.002	-0.029	-29.461	-1696.94	1878.74
	46086	6086	0	15.679	0.01	-0.029	0.029	29.271	-1686.01	1866.65
	46086	6087	0	0.914	-0.01	0.029	-0.136	53.417	3076.81	-3406.47
	46087	6087	0	-0.914	0.01	0.019	0.136	-53.417	3076.81	-3406.47
	46087	6088	0	17.509	-0.01	-0.019	-0.242	-49.762	-2866.32	3173.42
	46088	6088	0	15.025	-0.018	-0.01	0.242	49.764	-2866.39	3173.48
	46088	6089	0	5.094	0.018	0.01	0.008	17.669	1017.75	-1126.81
	46089	6089	0	-5.094	-0.018	-0.006	-0.008	-17.669	1017.75	-1126.81
	46089	6090	0	17.326	0.018	0.006	0.16	-74.89	-4313.65	4775.82
	46090	6090	-0.001	15.186	-0.001	-0.008	-0.16	74.753	-4305.8	4767.1
	46090	6091	0.001	2.22	0.001	0.008	0.168	1.412	81.34	-90.09
	46091	6091	-0.015	1.825	0.008	-0.006	-0.25	-3.181	182.69	-203.36
	46091	6092	0.015	17.511	-0.008	0.006	0.146	-100.747	-5803.57	6424.28
	46092	6092	-0.012	18.072	0.022	0	-0.146	100.614	-5795.8	6415.89
	46092	6093	0.012	0.166	-0.022	0	-0.131	11.278	649.2	-719.65
	46093	6093	-0.012	-0.166	0.022	-0.009	0.131	-11.278	649.2	-719.65
	46093	6094	0.012	18.403	-0.022	0.009	-0.408	-104.752	-6034.11	6679.73
	46094	6094	-0.026	19.134	-0.034	-0.005	0.408	104.747	-6034.32	6678.93
	46094	6095	0.026	-5.263	0.034	0.005	-0.08	11.211	644.82	-715.83
	46095	6095	-0.026	5.263	-0.034	-0.004	0.08	-11.211	644.82	-715.83
	46095	6096	0.026	6.039	0.034	0.004	0.187	8.207	471.82	-524.29
	46096	6096	-0.026	-6.039	-0.034	-0.004	-0.187	-8.207	471.82	-524.29
	46096	6097	0.026	17.355	0.034	0.004	0.455	-82.497	-4752.77	5260.07
	46097	6097	-0.009	17.887	0.017	0.001	-0.455	82.424	-4747.93	5255.95
	46097	6098	0.009	-6.221	-0.017	-0.001	0.318	13.935	802.31	-888.96
46098	6098	-0.009	6.221	0.017	-0.017	-0.318	-13.935	802.31	-888.96	
46098	6099	0.009	5.458	-0.017	0.017	0.182	16.989	978.24	-1083.74	
46099	6099	-0.009	-5.458	0.017	0.005	-0.182	-16.989	978.24	-1083.74	
46099	6100	0.009	17.123	-0.017	-0.005	0.045	-73.268	-4220.55	4672.06	
46100	6100	0.006	17.46	-0.005	-0.019	-0.045	73.397	-4227.48	4680.84	
46100	6101	-0.006	-8.7	0.005	0.019	0.076	5.122	295.22	-326.43	
46101	6101	0.006	8.7	-0.005	-0.028	-0.076	-5.122	295.21	-326.43	
46101	6102	-0.006	0.06	0.005	0.028	0.106	31.054	1788.94	-1980.19	
46102	6102	0.006	-0.06	-0.005	0.024	-0.106	-31.054	1788.94	-1980.19	
46102	6103	-0.006	8.82	0.005	-0.024	0.137	4.404	253.84	-280.62	
46103	6103	0.006	-8.82	-0.005	0.017	-0.137	-4.404	253.84	-280.62	
46103	6104	-0.006	17.565	0.005	-0.017	0.167	-74.653	-4299.8	4760.91	
46104	6104	0.006	17.053	-0.016	0.012	-0.167	74.657	-4300.02	4761.19	
46104	6105	-0.006	-5.373	0.016	-0.012	0.294	15.088	869.3	-961.98	
46105	6105	0.006	5.373	-0.016	-0.006	-0.294	-15.088	869.3	-961.98	
46105	6106	-0.006	6.306	0.016	0.006	0.42	11.358	654.43	-724.1	
46106	6106	0.006	-6.306	-0.016	-0.006	-0.42	-11.358	654.43	-724.1	
46106	6107	-0.006	17.97	0.016	0.006	0.546	-85.663	-4933.97	5463.07	
46107	6107	0.003	17.16	0.028	0.004	-0.546	85.68	-4935.04	5464.01	
46107	6108	-0.003	-5.846	-0.028	-0.004	0.327	3.508	202.19	-223.64	
46108	6108	0.003	5.846	0.028	0.004	-0.327	-3.508	202.19	-223.64	
46108	6109	-0.003	5.468	-0.028	-0.004	0.107	4.972	286.48	-316.97	
46109	6109	0.003	-5.468	0.028	-0.002	-0.107	-4.972	286.49	-316.97	
46109	6110	-0.003	19.322	-0.028	0.002	-0.162	-112.708	-6491.89	7187.66	
46110	6110	0.001	19.158	0.002	0.008	0.162	112.71	-6492.09	7187.74	
46110	6111	-0.001	-0.912	-0.002	-0.008	-0.183	12.763	735.17	-813.86	
46111	6111	0.001	0.912	0.002	-0.002	0.183	-12.763	735.17	-813.86	
46111	6112	-0.001	17.335	-0.002	0.002	-0.205	-89.911	-5178.82	5733.77	
46112	6112	0.003	11.99	-0.111	0.005	0.205	89.828	-5173.97	5728.53	
46112	6113	-0.003	7.337	0.111	-0.005	1.263	-59.014	-3399.11	3763.5	

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	46113	6113	0.012	2.338	0.007	0.004	0.121	-19.793	1140.51	-1261.84
	46113	6114	-0.012	14.774	-0.007	-0.004	-0.201	-53.292	-3069.2	3398.91
	46114	6114	0.012	17.345	-0.001	-0.005	0.201	53.3	-3069.67	3399.43
	46114	6115	-0.012	-5.331	0.001	0.005	-0.192	40.253	2318.99	-2566.59
	46115	6115	0.012	5.331	-0.001	0.014	0.192	-40.253	2318.99	-2566.59
	46115	6116	-0.012	15.203	0.001	-0.014	-0.175	-29.357	-1690.57	1872.57
	46116	6116	0.012	17.012	-0.002	-0.026	0.175	29.373	-1691.48	1873.58
	46116	6117	-0.012	-0.702	0.002	0.026	-0.151	69.841	4023.28	-4453.48
	46117	6117	0.012	0.702	-0.002	0.037	0.151	-69.841	4023.28	-4453.48
	46117	6118	-0.012	15.608	0.002	-0.037	-0.128	-13.648	-785.7	870.75
	46118	6118	0.011	16.255	-0.002	-0.032	0.128	13.408	-771.89	855.44
	46118	6119	-0.011	0.053	0.002	0.032	-0.106	77.335	4454.9	-4931.37
	46119	6119	0.011	-0.053	-0.002	0.038	0.106	-77.335	4454.9	-4931.37
	46119	6120	-0.011	16.347	0.002	-0.038	-0.085	-14.435	-831.04	920.93
	46120	6120	0.011	17.406	-0.002	-0.039	0.085	14.722	-847.61	939.24
	46120	6121	-0.011	0.126	0.002	0.039	-0.062	89.316	5144.96	-5695.4
	46121	6121	0.011	-0.126	-0.002	0.037	0.062	-89.316	5144.96	-5695.4
	46121	6122	-0.011	17.643	0.002	-0.037	-0.039	-17.574	-1011.89	1121.12
	46122	6122	0.011	16.112	-0.005	-0.036	0.039	17.574	-1011.89	1121.12
	46122	6123	-0.011	0.195	0.005	0.036	0.015	71.567	4122.65	-4563.55
	46123	6123	0.011	-0.195	-0.005	0.027	-0.015	-71.567	4122.65	-4563.55
	46123	6124	-0.011	16.503	0.005	-0.027	0.07	-21.947	-1263.79	1400
	46124	6124	0.011	15.458	0.005	-0.007	-0.07	21.957	-1264.35	1400.62
	46124	6125	-0.011	0.85	-0.005	0.007	0.017	59.85	3447.73	-3816.32
	46125	6125	0.011	-0.85	0.005	-0.007	-0.017	-59.85	3447.73	-3816.32
	46125	6126	-0.011	17.158	-0.005	0.007	-0.036	-40.998	-2361.08	2614.86
	46126	6126	0.011	14.606	-0.026	-0.016	0.036	40.998	-2361.1	2614.87
	46126	6127	-0.011	5.196	0.026	0.016	0.315	22.992	1324.74	-1465.87
	46127	6127	0.011	-5.196	-0.026	0.005	-0.315	-22.992	1324.74	-1465.87
	46127	6128	-0.011	17.208	0.026	-0.005	0.528	-69.423	-3998.36	4427.56
	46128	6128	0.007	14.94	0.039	-0.004	-0.528	69.258	-3989.01	4416.9
	46128	6129	-0.007	2.167	-0.039	0.004	0.065	5.785	333.48	-368.71
	46129	6129	-0.013	2.139	0.078	-0.01	-0.483	-7.072	406.9	-451.44
	46129	6130	0.013	17.16	-0.078	0.01	-0.556	-92.445	-5325.3	5894.93
	46130	6130	0.008	17.339	-0.119	-0.007	0.556	92.343	-5318.67	5889.09
	46130	6131	-0.008	0.867	0.119	0.007	0.928	10.611	611.49	-676.44
	46131	6131	0.008	-0.867	-0.119	-0.007	-0.928	-10.611	611.49	-676.44
	46131	6132	-0.008	19.073	0.119	0.007	2.412	-114.009	-6566.64	7270.77
	46132	6132	-2.428	18.353	0.193	0.001	-2.412	87.432	-5121.26	5490.46
	46132	6133	2.428	-4.517	-0.193	-0.001	0.58	21.201	1135.98	-1437.19
	46133	6133	-2.428	4.517	0.195	-0.016	-0.58	-21.201	1135.99	-1437.19
	46133	6134	2.428	6.771	-0.195	0.016	-0.931	12.466	632.86	-880.15
46134	6134	-2.428	-6.771	0.192	0	0.931	-12.466	632.85	-880.16	
46134	6135	2.428	18.059	-0.192	0	-2.417	-83.748	-4909.1	5255.57	
46135	6135	-2.423	18.184	-0.065	0.002	2.417	83.873	-4916.09	5263.66	
46135	6136	2.423	-6.532	0.065	-0.002	-1.899	14.995	778.69	-1041.28	
46136	6136	-2.423	6.532	-0.062	-0.017	1.899	-14.995	778.69	-1041.29	
46136	6137	2.423	5.12	0.062	0.017	-1.407	20.642	1103.97	-1401.41	
46137	6137	-2.423	-5.12	-0.065	0.009	1.407	-20.642	1103.97	-1401.41	
46137	6138	2.423	16.772	0.065	-0.009	-0.889	-66.931	-3940.26	4183.27	
46138	6138	-2.429	17.318	-0.022	-0.019	0.889	66.812	-3933.56	4175.46	
46138	6139	2.429	-8.579	0.022	0.019	-0.757	10.88	541.45	-779.02	
46139	6139	-2.429	8.579	-0.018	-0.037	0.757	-10.88	541.45	-779.02	
46139	6140	2.429	0.16	0.018	0.037	-0.648	36.134	1996.13	-2389.56	
46140	6140	-2.429	-0.16	-0.022	0.023	0.648	-36.134	1996.13	-2389.56	
46140	6141	2.429	8.9	0.022	-0.023	-0.515	8.953	430.5	-656.18	
46141	6141	-2.429	-8.9	-0.022	0.023	0.515	-8.953	430.5	-656.18	
46141	6142	2.429	17.639	0.022	-0.023	-0.382	-70.664	-4155.47	4421.14	
46142	6142	-2.429	16.882	-0.042	0.008	0.382	70.557	-4149.31	4414.27	
46142	6143	2.429	-5.229	0.042	-0.008	-0.049	17.891	945.31	-1226.19	
46143	6143	-2.429	5.229	-0.039	-0.015	0.049	-17.891	945.3	-1226.2	
46143	6144	2.429	6.423	0.039	0.015	0.26	13.119	670.41	-921.85	
46144	6144	-2.429	-6.423	-0.042	0.002	-0.26	-13.119	670.41	-921.85	
46144	6145	2.429	18.075	0.042	-0.002	0.593	-84.874	-4973.99	5327.31	
46145	6145	-2.423	17.138	0	-0.001	-0.593	84.786	-4968.66	5321.91	
46145	6146	2.423	-5.85	0	0.001	0.591	4.293	162.3	-358.79	
46146	6146	-2.423	5.85	-0.003	0.005	-0.591	-4.293	162.3	-358.79	
46146	6147	2.423	5.438	0.003	-0.005	0.614	5.888	254.13	-460.46	
46147	6147	-2.423	-5.438	0.001	-0.005	-0.614	-5.888	254.13	-460.46	
46147	6148	2.423	19.275	-0.001	0.005	0.604	-111.505	-6507.67	7025.81	
46148	6148	-2.39	19.324	0.022	0.007	-0.604	111.465	-6504.23	7024.37	
46148	6149	2.39	-1.117	-0.022	-0.007	0.328	16.296	854.75	-1123.07	
46149	6149	-2.39	1.117	0.024	-0.006	-0.328	-16.296	854.75	-1123.07	
46149	6150	2.39	17.089	-0.024	0.006	0.027	-83.534	-4895.41	5243.18	
46150	6150	-2.388	10.755	-0.049	0.008	-0.027	83.437	-4889.77	5237.09	
46150	6151	2.388	8.543	0.049	-0.008	0.671	-68.782	-4045.63	4302.51	

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	46151	6151	-1.591	2.669	0.001	-0.006	-0.138	-26.34	1461.37	-1735.61
	46151	6152	1.591	15.182	-0.001	0.006	0.13	-47.172	-2772.96	2952.39
	46152	6152	-1.592	17.667	0.001	0.018	-0.13	47.025	-2764.53	2943.01
	46152	6153	1.592	-5.148	-0.001	-0.018	0.121	46.976	2649.93	-3051.57
	46153	6153	-1.592	5.148	0.002	-0.005	-0.121	-46.976	2649.93	-3051.57
	46153	6154	1.592	15.741	-0.002	0.005	0.096	-25.851	-1544.9	1592.7
	46154	6154	-1.592	17.383	0.003	0.003	-0.096	25.851	-1544.91	1592.72
	46154	6155	1.592	-0.671	-0.003	-0.003	0.065	73.448	4174.75	-4739.76
	46155	6155	-1.592	0.671	0.003	0.003	-0.065	-73.448	4174.75	-4739.76
	46155	6156	1.592	16.04	-0.003	-0.003	0.035	-11.084	-694.3	650.97
	46156	6156	-1.592	15.604	0.002	-0.033	-0.035	11.084	-694.29	650.96
	46156	6157	1.592	-0.412	-0.002	0.033	0.012	69	3918.55	-4456.11
	46157	6157	-1.592	0.412	0.001	0.036	-0.012	-69	3918.55	-4456.11
	46157	6158	1.592	14.795	-0.001	-0.036	0.004	-2.991	-228.17	134.89
	46158	6158	-1.592	14.354	0.002	-0.001	-0.004	2.796	-216.9	122.41
	46158	6159	1.592	0.838	-0.002	0.001	-0.019	64.785	3675.75	-4187.3
	46159	6159	-1.592	-0.838	0.002	-0.001	0.019	-64.785	3675.75	-4187.3
	46159	6160	1.592	16.046	-0.002	0.001	-0.041	-19.721	-1191.8	1201.78
	46160	6160	-1.592	15.545	0.001	-0.003	0.041	19.721	-1191.81	1201.78
	46160	6161	1.592	1.166	-0.001	0.003	-0.05	59.364	3363.48	-3841.57
	46161	6161	-1.592	-1.166	0.001	-0.003	0.05	-59.364	3363.48	-3841.57
	46161	6162	1.592	17.878	-0.001	0.003	-0.059	-45.383	-2669.94	2838.29
	46162	6162	-1.592	15.483	0.003	-0.008	0.059	45.383	-2669.94	2838.28
	46162	6163	1.592	5.391	-0.003	0.008	-0.095	23.952	1323.75	-1583.3
	46163	6163	-1.592	-5.391	0.002	0.003	0.095	-23.952	1323.75	-1583.3
	46163	6164	1.592	17.925	-0.002	-0.003	-0.11	-72.228	-4216.22	4550.24
	46164	6164	-1.592	15.551	0.001	-0.001	0.11	72.355	-4223.55	4558.34
	46164	6165	1.592	2.3	-0.001	0.001	-0.119	5.496	260.72	-406.39
	46165	6165	-1.852	2.256	-0.006	-0.005	0.16	-6.407	304.08	-473.56
	46165	6166	1.852	18.41	0.006	0.005	-0.086	-100.621	-5860.74	6351.78
	46166	6166	-1.852	19.176	-0.001	0.004	0.086	100.622	-5860.81	6351.85
	46166	6167	1.852	0.321	0.001	-0.004	-0.068	17.224	927.12	-1163.36
	46167	6167	-1.852	-0.321	0	-0.01	0.068	-17.224	927.12	-1163.36
	46167	6168	1.852	19.817	0	0.01	-0.068	-108.645	-6322.95	6863.51
	46168	6168	-1.852	20.507	-0.002	0.005	0.068	108.646	-6322.98	6863.54
	46168	6169	1.852	-5.69	0.002	-0.005	-0.053	15.792	844.63	-1072.02
	46169	6169	-1.852	5.69	0	-0.006	0.053	-15.792	844.63	-1072.02
	46169	6170	1.852	6.398	0	0.006	-0.049	13.045	686.44	-896.89
	46170	6170	-1.852	-6.398	0	-0.006	0.049	-13.045	686.44	-896.89
	46170	6171	1.852	18.486	0	0.006	-0.046	-83.384	-4867.9	5252.56
46171	6171	-1.849	19.277	-0.002	0.006	0.046	83.292	-4862.49	5246.75	
46171	6172	1.849	-6.799	0.002	-0.006	-0.028	21.018	1145.78	-1405.25	
46172	6172	-1.849	6.799	0	-0.02	0.028	-21.018	1145.78	-1405.25	
46172	6173	1.849	5.678	0	0.02	-0.027	25.503	1404.07	-1691.22	
46173	6173	-1.849	-5.678	-0.002	0.011	0.027	-25.503	1404.07	-1691.22	
46173	6174	1.849	18.156	0.002	-0.011	-0.009	-69.839	-4087.61	4388.85	
46174	6174	-1.85	18.668	-0.001	0	0.009	69.739	-4081.84	4382.43	
46174	6175	1.85	-9.309	0.001	0	-0.003	14.196	752.79	-970.2	
46175	6175	-1.85	9.309	-0.001	0	0.003	-14.196	752.79	-970.2	
46175	6176	1.85	0.049	0.001	0	0.003	41.979	2353.08	-2741.95	
46176	6176	-1.85	-0.049	-0.001	0	-0.003	-41.979	2353.08	-2741.95	
46176	6177	1.85	9.407	0.001	0	0.009	13.61	719.01	-932.8	
46177	6177	-1.85	-9.407	-0.001	0	-0.009	-13.61	719.01	-932.8	
46177	6178	1.85	18.766	0.001	0	0.015	-70.912	-4149.41	4457.24	
46178	6178	-1.85	18.119	-0.001	-0.012	-0.015	70.81	-4143.61	4450.75	
46178	6179	1.85	-5.641	0.001	0.012	0.021	24.234	1330.95	-1610.37	
46179	6179	-1.85	5.641	-0.003	0.018	-0.021	-24.234	1330.95	-1610.37	
46179	6180	1.85	6.836	0.003	-0.018	0.045	19.454	1055.6	-1305.51	
46180	6180	-1.85	-6.836	-0.001	-0.006	-0.045	-19.454	1055.6	-1305.51	
46180	6181	1.85	19.314	0.001	0.006	0.05	-85.152	-4969.67	5365.32	
46181	6181	-1.847	18.284	0.002	0.007	-0.05	85.062	-4964.36	5359.73	
46181	6182	1.847	-6.196	-0.002	-0.007	0.032	9.799	499.65	-689.71	
46182	6182	-1.847	6.196	0.005	-0.006	-0.032	-9.799	499.65	-689.71	
46182	6183	1.847	5.892	-0.005	0.006	-0.004	10.976	567.42	-764.74	
46183	6183	-1.847	-5.892	0.003	0.001	0.004	-10.976	567.42	-764.74	
46183	6184	1.847	20.709	-0.003	-0.001	-0.037	-115.386	-6711.02	7293.54	
46184	6184	-1.832	20.595	-0.012	0.002	0.037	115.294	-6705.22	7288.15	
46184	6185	1.832	-1.098	0.012	-0.002	0.118	20.293	1104.6	-1358.44	
46185	6185	-1.832	1.098	-0.012	0.002	-0.118	-20.293	1104.6	-1358.44	
46185	6186	1.832	18.382	0.012	-0.002	0.273	-87.649	-5112.89	5525.22	
46186	6186	-1.834	12.98	0.016	-0.004	-0.273	87.751	-5118.8	5531.64	
46186	6187	1.834	7.687	-0.016	0.004	0.065	-52.685	-3098.99	3295.42	

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	46187	6187	-1.298	3.157	0.001	0.008	-0.026	-37.345	2105.52	-2427.06
	46187	6188	1.298	15.959	-0.001	-0.008	0.012	-37.87	-2226.87	2369.51
	46188	6188	-1.298	18.501	0.001	-0.05	-0.012	38.013	-2235.09	2378.63
	46188	6189	1.298	-5.079	-0.001	0.05	0.007	59.257	3367.68	-3824.45
	46189	6189	-1.298	5.079	-0.001	0.036	-0.007	-59.257	3367.68	-3824.45
	46189	6190	1.298	17.291	0.001	-0.036	0.026	-24.705	-1468.54	1529.94
	46190	6190	-1.298	18.473	0.003	0.003	-0.026	24.704	-1468.51	1529.91
	46190	6191	1.298	-0.576	-0.003	-0.003	-0.004	80.068	4566.41	-5151.61
	46191	6191	-1.298	0.576	0.003	0.003	0.004	-80.068	4566.41	-5151.61
	46191	6192	1.298	17.32	-0.003	-0.003	-0.034	-12.023	-738.06	721.19
	46192	6192	-1.298	16.574	0	0.001	0.034	12.023	-738.04	721.18
	46192	6193	1.298	-0.305	0	-0.001	-0.038	72.378	4123.44	-4661.18
	46193	6193	-1.298	0.305	0	0.001	0.038	-72.378	4123.44	-4661.18
	46193	6194	1.298	15.98	0	-0.001	-0.043	-6.078	-395.63	342.08
	46194	6194	-1.298	15.323	0.002	-0.002	0.043	6.079	-395.66	342.11
	46194	6195	1.298	0.962	-0.002	0.002	-0.063	65.8	3744.54	-4241.68
	46195	6195	-1.298	-0.962	0.002	-0.002	0.063	-65.8	3744.54	-4241.68
	46195	6196	1.298	17.248	-0.002	0.002	-0.082	-25.344	-1505.37	1570.72
	46196	6196	-1.298	16.656	-0.002	-0.004	0.082	25.344	-1505.37	1570.72
	46196	6197	1.298	1.24	0.002	0.004	-0.065	59.447	3378.61	-3836.54
	46197	6197	-1.298	-1.24	-0.002	-0.004	0.065	-59.447	3378.61	-3836.54
	46197	6198	1.298	19.136	0.002	0.004	-0.048	-52.626	-3076.79	3310.51
	46198	6198	-1.298	16.652	0.001	0.008	0.048	52.627	-3076.83	3310.54
	46198	6199	1.298	5.702	-0.001	-0.008	-0.068	22.607	1256.63	-1487.21
	46199	6199	-1.298	-5.702	0.003	-0.025	0.068	-22.607	1256.63	-1487.21
	46199	6200	1.298	19.124	-0.003	0.025	-0.096	-79.801	-4642.05	5043.47
	46200	6200	-1.298	16.838	-0.005	-0.004	0.096	79.802	-4642.14	5043.58
	46200	6201	1.298	2.278	0.005	0.004	-0.042	5.74	285.12	-411.6
	46201	6201	-1.498	2.555	-0.02	-0.004	0.182	-8.404	431.51	-588.5
	46201	6202	1.498	19.844	0.02	0.004	0.08	-106.142	-6166.34	6716.26
	46202	6202	-1.499	20.698	0.032	-0.003	-0.08	106.141	-6166.34	6716.21
	46202	6203	1.499	0.434	-0.032	0.003	-0.325	20.51	1128.8	-1360.55
	46203	6203	-1.499	-0.434	0.032	-0.003	0.325	-20.51	1128.8	-1360.55
46203	6204	1.499	21.565	-0.032	0.003	-0.731	-116.991	-6791.25	7408.07	
46204	6204	-1.498	22.202	-0.022	-0.001	0.731	116.991	-6791.27	7408.14	
46204	6205	1.498	-6.142	0.022	0.001	-0.518	17.651	964.11	-1178.16	
46205	6205	-1.498	6.142	-0.021	-0.013	0.518	-17.651	964.11	-1178.16	
46205	6206	1.498	6.959	0.021	0.013	-0.352	14.485	781.78	-976.3	
46206	6206	-1.498	-6.959	-0.023	0.006	0.352	-14.485	781.78	-976.3	
46206	6207	1.498	20.061	0.023	-0.006	-0.171	-90.222	-5249.34	5701.01	
46207	6207	-1.498	20.757	-0.038	-0.009	0.171	90.22	-5249.24	5700.92	
46207	6208	1.498	-7.233	0.038	0.009	0.13	21.746	1199.99	-1439.31	
46208	6208	-1.498	7.233	-0.039	0.018	-0.13	-21.746	1199.99	-1439.31	
46208	6209	1.498	6.291	0.039	-0.018	0.445	25.515	1417.11	-1679.69	
46209	6209	-1.498	-6.291	-0.038	-0.014	-0.445	-25.515	1417.11	-1679.69	
46209	6210	1.498	19.815	0.038	0.014	0.746	-78.912	-4597.9	4979.79	
46210	6210	-1.498	20.257	-0.009	0	-0.746	78.913	-4597.94	4979.79	
46210	6211	1.498	-10.114	0.009	0	0.801	12.201	650.22	-830.66	
46211	6211	-1.498	10.114	-0.009	0	-0.801	-12.201	650.22	-830.66	
46211	6212	1.498	0.03	0.009	0	0.857	42.454	2392.77	-2759.92	
46212	6212	-1.498	-0.03	-0.009	0	-0.857	-42.454	2392.77	-2759.92	
46212	6213	1.498	10.173	0.009	0	0.912	11.846	629.73	-807.98	
46213	6213	-1.498	-10.173	-0.009	0	-0.912	-11.846	629.73	-807.98	
46213	6214	1.498	20.316	0.009	0	0.967	-79.624	-4638.91	5025.15	
46214	6214	-1.499	19.796	0.026	0.001	-0.967	79.622	-4638.8	5025	
46214	6215	1.499	-6.272	-0.026	-0.001	0.759	24.653	1367.42	-1624.73	
46215	6215	-1.499	6.272	0.026	0.001	-0.759	-24.653	1367.42	-1624.73	
46215	6216	1.499	7.252	-0.026	-0.001	0.55	20.733	1141.64	-1374.77	
46216	6216	-1.499	-7.252	0.026	0.001	-0.55	-20.733	1141.64	-1374.77	
46216	6217	1.499	20.776	-0.026	-0.001	0.342	-91.381	-5316.11	5774.89	
46217	6217	-1.498	19.825	0.021	0.014	-0.342	91.377	-5315.89	5774.66	
46217	6218	1.498	-6.723	-0.021	-0.014	0.18	11.499	609.75	-785.86	
46218	6218	-1.498	6.723	0.023	-0.001	-0.18	-11.499	609.75	-785.86	
46218	6219	1.498	6.378	-0.023	0.001	0.004	12.835	686.72	-871.08	
46219	6219	-1.498	-6.378	0.023	-0.002	-0.004	-12.835	686.72	-871.08	
46219	6220	1.498	22.421	-0.023	0.002	-0.214	-123.821	-7184.66	7843.66	
46220	6220	-1.552	22.339	0.052	0.002	0.214	123.824	-7186.72	7842.01	
46220	6221	1.552	-1.206	-0.052	-0.002	-0.866	23.347	1290.36	-1543.34	
46221	6221	-1.552	1.206	0.052	0.002	0.866	-23.347	1290.36	-1543.34	
46221	6222	1.552	19.928	-0.052	-0.002	-1.519	-93.678	-5450.29	5919.52	
46222	6222	-1.557	14.834	-0.481	-0.006	1.519	93.667	-5449.82	5918.63	
46222	6223	1.557	7.568	0.481	0.006	4.859	-45.52	-2676.57	2848.25	

SPAN 8 -- Cumulative Affects thru Day 40

PIER 8 -- Cumulative Affects thru Day 47

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 9 -- Cumulative Affects thru Day 26	46223	6223	-0.586	2.888	0.009	0.013	-0.189	-31.708	1805.82	-2042.66
	46223	6224	0.586	17.818	-0.009	-0.013	0.082	-56.018	-3247.21	3551.77
	46224	6224	-0.587	20.919	0.016	0.041	-0.082	55.882	-3239.39	3543.06
	46224	6225	0.587	-6.395	-0.016	-0.041	-0.05	56.693	3244.94	-3636.03
	46225	6225	-0.587	6.395	0.017	-0.018	0.05	-56.693	3244.94	-3636.03
	46225	6226	0.587	20.399	-0.017	0.018	-0.304	-49.781	-2888	3154.01
	46226	6226	-0.587	21.086	-0.004	0.26	0.304	49.889	-2894.19	3160.89
	46226	6227	0.587	-0.41	0.004	-0.26	-0.254	76.236	4370.61	-4882.28
	46227	6227	-0.587	0.41	0	-0.259	0.254	-76.236	4370.61	-4882.28
	46227	6228	0.587	20.27	0	0.259	-0.252	-40.316	-2342.8	2550.42
	46228	6228	-0.587	20.36	0.014	0.029	0.252	40.273	-2340.32	2547.66
	46228	6229	0.587	0.308	-0.014	-0.029	-0.417	77.333	4433.76	-4952.2
	46229	6229	-0.587	-0.308	0.015	-0.034	0.417	-77.333	4433.76	-4952.2
	46229	6230	0.587	20.994	-0.015	0.034	-0.588	-47.707	-2768.55	3021.78
	46230	6230	-0.585	20.591	-0.011	0.294	0.588	47.575	-2760.85	3013.4
	46230	6231	0.585	0.818	0.011	-0.294	-0.452	72.546	4158.15	-4646.91
	46231	6231	-0.585	-0.818	-0.006	-0.302	0.452	-72.546	4158.14	-4646.92
	46231	6232	0.585	22.234	0.006	0.302	-0.374	-67.551	-3911.49	4287.32
	46232	6232	-0.583	20.826	0.02	-0.013	0.374	67.63	-3915.92	4292.4
	46232	6233	0.583	1.249	-0.02	0.013	-0.624	55.005	3147.82	-3528.18
46233	6233	-0.583	-1.249	0.02	0.003	0.624	-55.005	3147.82	-3528.18	
46233	6234	0.583	20.835	-0.02	-0.003	-0.843	-67.742	-3922.37	4299.54	
46234	6234	-0.309	16.028	-0.069	0.054	0.843	63.55	-3671.32	4041.86	
46234	6235	0.309	1.918	0.069	-0.054	-0.137	8.303	467.41	-540.3	
46235	6235	-0.26	2.637	-0.268	-0.073	1.99	-3.739	206.22	-247.52	
46235	6236	0.26	15.945	0.268	0.073	0.675	-62.288	-3596.92	3963.1	
46236	6236	-0.278	16.969	0.218	0.01	-0.675	62.393	-3603.55	3969.12	
46236	6237	0.278	1.029	-0.218	-0.01	-1.419	14.212	808.87	-916.06	
46237	6237	-0.277	-1.029	0.218	-0.006	1.419	-14.212	808.88	-916.06	
46237	6238	0.277	20.68	-0.218	0.006	-3.707	-99.691	-5751.96	6347.73	
46238	6238	-0.261	23.669	-0.172	0.133	3.707	99.806	-5758.01	6355.64	
46238	6239	0.261	-0.19	0.172	-0.133	-1.545	49.776	2857.92	-3183.42	
46239	6239	-0.262	0.19	-0.171	-0.155	1.545	-49.776	2857.88	-3183.45	
46239	6240	0.262	22.211	0.171	0.155	0.499	-81.938	-4728.83	5216.12	
46240	6240	-0.269	20.29	-0.071	0.026	-0.499	81.929	-4728.58	5215.29	
46240	6241	0.269	-1.596	0.071	-0.026	1.205	27.313	1563.8	-1751.27	
46241	6241	-0.27	1.596	-0.07	-0.026	-1.205	-27.313	1563.8	-1751.27	
46241	6242	0.27	16.443	0.07	0.026	1.881	-44.198	-2555.26	2809.11	
46242	6242	-0.27	17.725	-0.068	0.006	-1.881	44.26	-2558.86	2813.05	
46242	6243	0.27	1.458	0.068	-0.006	2.573	39.065	2240.68	-2500.73	
46243	6243	-0.27	-1.458	-0.068	0.003	-2.573	-39.065	2240.68	-2500.73	
46243	6244	0.27	19.026	0.068	-0.003	3.206	-57.021	-3293.9	3626.84	
46244	6244	-0.277	18.928	0.091	0.178	-3.206	57.01	-3293.5	3625.9	
46244	6245	0.277	-1.427	-0.091	-0.178	2.355	38.108	2185.32	-2439.94	
46245	6245	-0.276	1.427	0.094	-0.151	-2.355	-38.108	2185.36	-2439.91	
46245	6246	0.276	17.819	-0.094	0.151	1.393	-46.129	-2666.73	2932.04	
46246	6246	-0.27	15.952	-0.201	-0.002	-1.393	46.151	-2667.74	2933.61	
46246	6247	0.27	2.861	0.201	0.002	3.411	19.613	1120.26	-1260.25	
46247	6247	-0.27	-2.861	-0.201	0.007	-3.411	-19.613	1120.26	-1260.24	
46247	6248	0.27	20.79	0.201	-0.007	5.334	-93.606	-5401.2	5959.94	
46248	6248	-0.282	22.379	0.466	0.265	-5.334	93.688	-5406.34	5964.77	
46248	6249	0.282	2.471	-0.466	-0.265	-0.848	38.409	2202.48	-2459.27	
46249	6249	-0.275	-2.471	0.47	-0.304	0.848	-38.409	2202.7	-2459.01	
46249	6250	0.275	23.498	-0.47	0.304	-6.125	-107.392	-6195.41	6838.9	
46250	6250	-0.2	21.772	-0.305	-0.006	6.125	107.406	-6193.57	6842.4	
46250	6251	0.2	0.78	0.305	0.006	-2.456	19.005	1087.69	-1219.01	
46251	6251	-0.2	-0.78	-0.305	0.009	2.456	-19.005	1087.7	-1219	
46251	6252	0.2	18.715	0.305	-0.009	0.463	-74.356	-4289.89	4734.76	
46252	6252	-0.209	16.402	0.058	-0.017	-0.463	74.33	-4288.74	4732.78	
46252	6253	0.209	5.172	-0.058	0.017	-0.211	-9.639	-562.57	607.38	
46253	6253	-0.209	-5.172	0.059	0.03	0.211	9.639	-562.56	607.39	
46253	6254	0.209	24.082	-0.059	-0.03	-0.812	-157.343	-9070.27	10026.64	
SPAN 10 -- Cumulative Affects thru Day 5	46254	6254	0.002	23.173	-0.024	0.013	0.591	45.06	-2595.36	2873.59
	46254	6255	-0.002	-1.045	0.024	-0.013	-0.328	90.522	5214.16	-5772.66
	46255	6255	0.002	1.045	-0.024	0.023	0.328	-90.522	5214.16	-5772.66
	46255	6256	-0.002	25.244	0.024	-0.023	-0.015	-70.433	-4056.88	4491.71
	46256	6256	0.002	23.958	0.024	0.289	0.015	70.472	-4059.11	4494.18
	46256	6257	-0.002	-1.232	-0.024	-0.289	-0.296	74.361	4283.26	-4742.02
	46257	6257	0.002	1.232	0.024	-0.254	0.296	-74.361	4283.27	-4742.02
	46257	6258	-0.002	21.595	-0.024	0.254	-0.579	-43.237	-2490.37	2757.36
	46258	6258	0.002	22.471	0.007	0.036	0.579	43.432	-2501.6	2769.8
	46258	6259	-0.002	0.648	-0.007	-0.036	-0.658	84.215	4850.85	-5370.41
	46259	6259	0.002	-0.648	0.007	-0.012	0.658	-84.215	4850.85	-5370.41
	46259	6260	-0.002	23.091	-0.007	0.012	-0.735	-50.584	-2913.54	3225.88
	46260	6260	0.003	21.981	0.011	0.355	0.735	50.762	-2923.79	3237.24
	46260	6261	-0.003	0.747	-0.011	-0.355	-0.86	71.342	4109.36	-4549.46
46261	6261	0.003	-0.747	0.011	-0.345	0.86	-71.342	4109.37	-4549.46	
46261	6262	-0.003	23.587	-0.011	0.345	-0.984	-69.272	-3990	4417.69	
46262	6262	0.002	22.434	0.006	-0.031	0.984	69.104	-3980.32	4406.97	
46262	6263	-0.002	-0.072	-0.006	0.031	-1.046	58.224	3353.8	-3712.95	
46263	6263	0.002	0.072	0.006	0.009	1.046	-58.224	3353.8	-3712.95	
46263	6264	-0.002	25.066	-0.006	-0.009	-1.116	-100.737	-5802.37	6424.24	
46264	6264	0.007	24.189	-0.01	0.01	1.116	100.858	-5809.22	6432.12	
46264	6265	-0.007	1.92	0.01	-0.01	-0.989	46.245	2663.96	-2948.9	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
PIER 10 -- Cumulative Affects thru Day 19	46265	6265	-0.093	0.857	0.675	-7.043	-160.164	112.722	-786.33	2845.83
	46265	6266	0.093	21.876	-0.675	7.043	152.405	-233.615	-1629.27	5898.35
	46266	6266	0.127	24.543	8.072	-4.128	-152.405	233.516	-1627.71	5896.71
	46266	6267	-0.127	-3.541	-8.072	4.128	66.63	-84.295	-587.25	2128.92
	46267	6267	0.147	3.541	8.071	-3.925	-66.63	84.304	-587.24	2129.24
	46267	6268	-0.147	13.399	-8.071	3.925	-2.555	-126.553	-881.82	3196
	46268	6268	-0.009	23.187	-0.205	-0.02	2.555	126.736	-7300.3	8081.84
	46268	6269	0.009	2.212	0.205	0.02	0.04	5.934	341.49	-378.72
	46269	6269	-0.009	-2.212	-0.205	-0.017	-0.04	-5.934	341.49	-378.71
	46269	6270	0.009	24.087	0.205	0.017	2.275	-137.328	-7910.41	8757.32
	46270	6270	-0.001	29.787	0.095	0.437	-2.275	137.26	-7906.21	8753.26
	46270	6271	0.001	-6.355	-0.095	-0.437	1.167	73.645	4241.93	-4696.47
	46271	6271	0.001	6.355	0.095	-0.436	-1.167	-73.645	4241.98	-4696.43
	46271	6272	-0.001	18.332	-0.095	0.436	0	0.009	0.54	-0.56
	46372	6372	-0.013	14.354	-0.23	0.004	0	-0.055	2.69	-3.96
	46372	6373	0.013	4.145	0.23	-0.004	2.851	63.255	3643.01	-4034.32
	46373	6373	-0.013	-4.145	-0.23	-0.016	-2.851	-63.255	3643.01	-4034.32
	46373	6374	0.013	21.505	0.23	0.016	5.525	-85.751	-4939.72	5467.99
	46374	6374	-0.002	17.758	0.33	-0.01	-5.525	85.75	-4939.24	5468.3
	46374	6375	0.002	-1.204	-0.33	0.01	1.872	19.289	1110.97	-1230.15
	46375	6375	-0.002	1.204	0.33	0.007	-1.872	-19.289	1110.96	-1230.16
	46375	6376	0.002	13.674	-0.33	-0.007	-1.412	-42.792	-2464.9	2728.83
	46376	6376	0.002	14.326	0.01	0.144	1.412	42.782	-2464.18	2728.37
	46376	6377	-0.002	3.186	-0.01	-0.144	-1.525	22.504	1296.32	-1435.04
	46377	6377	0.002	-3.186	0.01	-0.13	1.525	-22.504	1296.33	-1435.04
	46377	6378	-0.002	20.176	-0.01	0.13	-1.633	-110.316	-6354.1	7035.06
	46378	6378	-0.245	19.44	-0.061	-0.02	1.633	109.34	-6306.58	6964.2
	46378	6379	0.245	0.167	0.061	0.02	-0.837	17.112	977.08	-1099.87
	46379	6379	-0.245	-0.167	-0.061	-0.024	0.837	-17.112	977.08	-1099.87
	46379	6380	0.245	16.144	0.061	0.024	-0.189	-70.089	-4045.73	4461.1
	46380	6380	-0.248	15.487	-0.072	0.026	0.189	69.954	-4038.03	4452.34
	46380	6381	0.248	0.624	0.072	-0.026	0.586	10.18	577.68	-657.91
	46381	6381	-0.249	-0.624	-0.07	-0.043	-0.586	-10.18	577.66	-657.93
	46381	6382	0.249	15.077	0.07	0.043	1.265	-65.76	-3796.52	4184.92
	46382	6382	-0.253	17.118	0.05	-0.003	-1.265	66.277	-3826.46	4217.73
	46382	6383	0.253	0.028	-0.05	0.003	0.691	31.78	1821.63	-2035.51
	46383	6383	-0.253	-0.028	0.05	0.012	-0.691	-31.78	1821.63	-2035.51
	46383	6384	0.253	17.28	-0.05	-0.012	0.116	-68.145	-3934.02	4336.81
	46384	6384	-0.217	15.822	-0.013	-0.006	0.24	30.398	-1758.52	1930.92
	46384	6385	0.217	0.423	0.013	0.006	-0.096	54.016	3103.74	-3452.29
	46385	6385	-0.217	-0.423	-0.013	0.028	0.096	-54.016	3103.74	-3452.29
	46385	6386	0.217	17.532	0.013	-0.028	0.058	-49.641	-2866.94	3158.1
	46386	6386	-0.217	18.439	0.008	0.279	-0.058	49.609	-2865.06	3156.01
	46386	6387	0.217	-1.376	-0.008	-0.279	-0.039	64.474	3706.13	-4119.23
	46387	6387	-0.217	1.376	0.01	-0.225	0.039	-64.475	3706.14	-4119.24
46387	6388	0.217	17.104	-0.01	0.225	-0.166	-33.607	-1943.33	2135.53	
46388	6388	-0.216	18.057	-0.01	-0.007	0.166	33.701	-1948.76	2141.55	
46388	6389	0.216	0.319	0.01	0.007	-0.043	76.292	4386.84	-4872.87	
46389	6389	-0.216	-0.319	-0.01	0.046	0.043	-76.292	4386.84	-4872.87	
46389	6390	0.216	17.473	0.01	-0.046	0.073	-26.693	-1545.09	1694.63	
46390	6390	-0.216	17.872	0.024	0.275	-0.073	26.727	-1547.04	1696.81	
46390	6391	0.216	1.297	-0.024	-0.275	-0.232	80.49	4628.63	-5140.54	
46391	6391	-0.216	-1.297	0.025	-0.285	0.232	-80.49	4628.63	-5140.53	
46391	6392	0.216	17.656	-0.025	0.285	-0.509	-24.136	-1397.81	1531.6	
46392	6392	-0.217	17.533	-0.055	0.028	0.509	24.167	-1399.65	1533.56	
46392	6393	0.217	0.095	0.055	-0.028	0.14	79.557	4574.89	-5081.1	
46393	6393	-0.217	-0.095	-0.055	0.001	-0.14	-79.557	4574.89	-5081.1	
46393	6394	0.217	17.999	0.055	-0.001	0.799	-29.762	-1721.93	1890.37	
46394	6394	-0.213	17.473	0.173	0.309	-0.799	29.305	-1695.45	1861.33	
46394	6395	0.213	0.119	-0.173	-0.309	-1.261	73.716	4238.57	-4708.48	
46395	6395	-0.212	-0.119	0.175	-0.284	1.261	-73.716	4238.63	-4708.43	
46395	6396	0.212	18.041	-0.175	0.284	-3.38	-36.102	-2086.92	2294.85	
46396	6396	-0.221	16.757	-0.609	0.026	3.38	36.156	-2090.37	2297.99	
46396	6397	0.221	1.085	0.609	-0.026	3.949	58.197	3344.39	-3719.05	
46397	6397	-0.221	-1.085	-0.608	-0.019	-3.949	-58.197	3344.37	-3719.07	
46397	6398	0.221	18.763	0.608	0.019	11.207	-60.193	-3474.91	3830.85	
46398	6398	-0.213	17.86	0.558	0.541	-11.207	60.252	-3477.99	3834.91	
46398	6399	0.213	0.754	-0.558	-0.541	4.202	47.187	2710.54	-3016.67	
46399	6399	-0.195	-0.754	0.564	-0.901	-4.202	-47.182	2710.82	-3015.72	
46399	6400	0.195	11.797	-0.564	0.901	0	0.415	17.05	-33.33	

PIER 10 -- Cumulative Affects thru Day 19

SPAN 11 -- Cumulative Affects thru Day 12

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
PIER 10 - Cumulative Affects thru Day 19	46572	6572	-0.013	14.309	-0.13	-0.002	0	-0.103	5.5	-7.03	
	46572	6573	0.013	4.199	0.13	0.002	1.615	62.723	3612.41	-4000.4	
	46573	6573	-0.013	-4.199	-0.13	-0.007	-1.615	-62.723	3612.41	-4000.4	
	46573	6574	0.013	21.444	0.13	0.007	3.12	-85.255	-4911.13	5436.38	
	46574	6574	0	17.762	0.022	-0.005	-3.12	85.216	-4908.44	5434.36	
	46574	6575	0	-1.493	-0.022	0.005	2.879	19.612	1129.66	-1250.69	
	46575	6575	0	1.493	0.022	-0.004	-2.879	-19.612	1129.66	-1250.69	
	46575	6576	0	13.209	-0.022	0.004	2.662	-38.028	-2190.41	2425.11	
	46576	6576	-0.003	13.911	0.286	0.134	-2.662	37.982	-2187.87	2422.08	
	46576	6577	0.003	3.773	-0.286	-0.134	-0.717	22.012	1267.81	-1403.85	
	46577	6577	0.001	-3.773	0.286	-0.155	0.717	-22.012	1267.93	-1403.71	
	46577	6578	-0.001	20.925	-0.286	0.155	-3.995	-119.744	-6897.23	7636.29	
	46578	6578	0.238	20.236	-0.195	0.001	3.995	121.516	-6990.99	7757.59	
	46578	6579	-0.238	-0.989	0.195	-0.001	-1.477	15.186	883.05	-960.1	
	46579	6579	0.237	0.989	-0.196	-0.006	1.477	-15.186	883.05	-960.11	
	46579	6580	-0.237	15.222	0.196	0.006	0.644	-62.025	-3564.33	3963.78	
	46580	6580	0.244	15.235	0.003	0.056	-0.644	62.165	-3572.14	3972.92	
	46580	6581	-0.244	0.639	-0.003	-0.056	0.612	15.367	893.72	-971.43	
	46581	6581	0.244	-0.639	0.001	-0.06	-0.612	-15.367	893.72	-971.42	
	46581	6582	-0.244	15.254	-0.001	0.06	0.6	-62.365	-3583.63	3985.64	
	46582	6582	0.248	17	0.004	0.031	-0.6	62.035	-3564.51	3964.72	
	46582	6583	-0.248	-0.264	-0.004	-0.031	0.555	34.656	2004.86	-2201.36	
	46583	6583	0.248	0.264	0.004	-0.005	-0.555	-34.656	2004.86	-2201.36	
	46583	6584	-0.248	17.212	-0.004	0.005	0.512	-64.454	-3703.85	4119	
	SPAN 11 - Cumulative Affects thru Day 12	46584	6584	0.209	15.736	0.019	0.019	-0.281	27.788	-1593.26	1779.43
		46584	6585	-0.209	0.286	-0.019	-0.019	0.079	55.74	3217.96	-3547.28
		46585	6585	0.209	-0.286	0.019	0.018	-0.079	-55.74	3217.96	-3547.28
		46585	6586	-0.209	17.524	-0.019	-0.018	-0.139	-47.85	-2748.85	3058.83
		46586	6586	0.21	18.355	-0.001	0.233	0.139	48.023	-2758.76	3069.88
		46586	6587	-0.21	-1.494	0.001	-0.233	-0.124	64.908	3746.06	-4131.89
		46587	6587	0.21	1.494	-0.003	-0.173	0.124	-64.908	3746.08	-4131.9
		46587	6588	-0.21	17.083	0.003	0.173	-0.092	-32.808	-1882.38	2099.6
		46588	6588	0.209	17.919	0.002	0.002	0.092	32.362	-1856.71	2071.07
46588		6589	-0.209	0.281	-0.002	-0.002	-0.121	75.954	4382.24	-4836.34	
46589		6589	0.209	-0.281	0.002	0.038	0.121	-75.954	4382.24	-4836.34	
46589		6590	-0.209	17.503	-0.002	-0.038	-0.15	-27.399	-1570.86	1754.59	
46590		6590	0.209	17.788	-0.006	0.288	0.15	27.001	-1547.92	1729.24	
46590		6591	-0.209	1.267	0.006	-0.288	-0.072	79.225	4570.69	-5044.94	
46591		6591	0.209	-1.267	-0.008	-0.301	0.072	-79.225	4570.69	-5044.94	
46591		6592	-0.209	17.619	0.008	0.301	0.011	-24.98	-1431.5	1600.34	
46592		6592	0.21	17.563	0.042	0.018	-0.011	25.69	-1472.37	1645.69	
46592		6593	-0.21	-0.172	-0.042	-0.018	-0.482	78.38	4522.07	-4991.02	
46593		6593	0.21	0.172	0.042	0.003	0.482	-78.38	4522.07	-4991.02	
46593		6594	-0.21	17.862	-0.042	-0.003	-0.994	-29.271	-1678.65	1874.06	
46594		6594	0.208	17.178	-0.173	0.264	0.994	29.274	-1678.87	1874.11	
46594		6595	-0.208	0.423	0.173	-0.264	1.06	70.232	4052.66	-4471.51	
46595		6595	0.207	-0.423	-0.174	-0.252	-1.06	-70.232	4052.61	-4471.55	
46595		6596	-0.207	18.226	0.174	0.252	3.157	-41.796	-2400.21	2672.64	
46596		6596	0.22	17.47	0.683	-0.016	-3.157	41.998	-2411.4	2686	
46596		6597	-0.22	0.337	-0.683	0.016	-5.05	60.954	3518.64	-3879.4	
46597		6597	0.219	-0.337	0.683	0.008	5.05	-60.954	3518.63	-3879.41	
46597		6598	-0.219	17.942	-0.683	-0.008	-13.165	-47.638	-2736.23	3045.62	
46598		6598	0.205	15.245	-0.787	0.006	13.165	47.616	-2735.47	3043.71	
46598		6599	-0.205	3.316	0.787	-0.006	-3.304	27.101	1568.23	-1721.1	
46599		6599	0.203	-3.316	-0.788	-0.048	3.304	-27.101	1568.17	-1721.15	
46599		6600	-0.203	9.532	0.788	0.048	0	0.153	15.97	-2.64	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 3 -- Cumulative Affects thru Day 127	47000	7000	0.183	437.807	1.388	3.683	0	-0.143	0.7	0.43
	47000	7001	-0.183	-407.17	-1.388	-3.683	-14.578	4438.975	4640.98	-3646.85
	47001	7001	0.183	407.17	1.388	3.705	14.578	-4438.98	4640.98	-3646.85
	47001	7002	-0.183	-379.77	-1.388	-3.705	-27.616	8136.103	8505.9	-6684.7
	47002	7002	0.172	328.25	-1.157	8.667	27.616	-8136.12	8505.89	-6684.75
	47002	7003	-0.172	-292.944	1.157	-8.667	-13.606	11896.69	12437.13	-9774.71
	47003	7003	0.171	292.944	-1.157	-2.371	13.606	-11896.7	12437.13	-9774.72
	47003	7004	-0.171	-257.613	1.157	2.371	0.417	15231.99	15923.8	-12515.3
	47004	7004	0.175	213.295	-0.308	17.601	-0.417	-15232.1	15923.93	-12515.3
	47004	7005	-0.175	-177.996	0.308	-17.601	4.148	17600.37	18399.68	-14461.3
	47005	7005	0.175	177.996	-0.309	-13.118	-4.148	-17600.4	18399.68	-14461.3
	47005	7006	-0.175	-142.676	0.309	13.118	7.886	19542.4	20429.84	-16057
	47006	7006	0.179	102.332	0.944	18.889	-7.886	-19542.5	20429.97	-16057.1
	47006	7007	-0.179	-67.016	-0.944	-18.889	-3.547	20567.99	21501.99	-16899.7
	47007	7007	0.18	67.016	0.944	-16.96	3.547	-20568	21501.99	-16899.7
	47007	7008	-0.18	-31.678	-0.944	16.96	-14.983	21165.99	22127.13	-17391.1
	47008	7008	0.177	-7.79	-0.319	17.931	14.983	-21166.1	22127.25	-17391.2
	47008	7009	-0.177	43.095	0.319	-17.931	-11.124	20858.08	21805.24	-17138.1
	47009	7009	0.177	-43.095	-0.319	-18.404	11.124	-20858.1	21805.24	-17138.1
	47009	7010	-0.177	78.421	0.319	18.404	-7.258	20122.03	21035.78	-16533.3
	47010	7010	0.18	-117.107	0.626	13.82	7.258	-20122.3	21036.04	-16533.5
	47010	7011	-0.18	152.43	-0.626	-13.82	-14.842	18489.78	19329.47	-15192.1
	47011	7011	0.181	-152.43	0.626	-16.48	14.842	-18489.8	19329.47	-15192.1
	47011	7012	-0.181	187.746	-0.626	16.48	-22.421	16429.88	17176.08	-13499.5
	47012	7012	0.182	-227.266	0.677	9.569	22.421	-16430	17176.21	-13499.6
	47012	7013	-0.182	262.578	-0.677	-9.569	-30.616	13464.11	14075.71	-11062.6
	47013	7013	0.183	-262.578	0.676	-13.839	30.616	-13464.1	14075.71	-11062.6
	47013	7014	-0.183	297.912	-0.676	13.839	-38.811	10068.36	10525.85	-8272.39
	47014	7014	0.18	-343.39	-0.039	1.177	38.811	-10068.5	10525.95	-8272.48
	47014	7015	-0.18	389.586	0.039	-1.177	-38.191	4262.584	4456.58	-3501.93
	47015	7015	4.603	-389.559	-0.039	-4.377	38.143	-4262.47	4970.11	-5144.56
	47015	7016	-4.859	412.055	0.039	4.377	-37.818	952.795	1094.87	-1105.35
	47016	7016	15.702	-452.103	0.075	-4.021	43.359	-1723.17	2003.9	-1975.29
	47016	7017	-16.755	484.202	-0.075	4.021	-44.243	-3780.09	-3796.02	4050.14
	47017	7017	30.342	-483.541	0.074	1.788	44.543	3780.084	-3608.01	3929.97
47017	7018	-32.709	522.386	-0.074	-1.788	-45.519	-10453.6	-8259.8	8705.54	
47018	7018	51.518	-568.042	-0.413	-21.109	43.624	10453.47	-8207.17	8757.89	
47018	7019	-54.95	606.536	0.413	21.109	-38.444	-17822.7	-11034.2	11600.75	
47019	7019	71.694	-604.786	-0.415	20.047	42.789	17822.68	-10992.1	11642.77	
47019	7020	-76.488	645.733	0.415	-20.047	-37.57	-25688	-12111.6	12710.95	
47020	7020	-2399.08	214.564	-22.559	-3.127	511.869	5670.77	-14044	-1070	
47020	7021	2399.082	-187.993	22.559	3.127	-297.57	-3758.76	-11901.4	-3301.85	
47021	7021	-2399.1	187.993	-21.138	-0.901	297.57	3758.759	-14608.6	-4533.36	
47021	7022	2399.095	-168.427	21.138	0.901	-133.795	-2378.01	-12795.8	-6421.65	
47022	7022	-2399.12	168.427	-18.06	2.15	133.795	2378.007	-12795.9	-6421.75	
47022	7023	2399.121	-148.864	18.06	-2.15	6.115	-1149.01	-11182.4	-8102.5	
47023	7023	-2399.16	100.911	-6.548	-0.712	-6.115	1148.925	-11182.4	-8102.79	
47023	7024	2399.161	-80.69	6.548	0.712	58.55	-421.852	-10227.9	-9097.12	
47024	7024	-2399.17	80.69	-3.892	-0.244	-58.55	421.852	-10227.9	-9097.14	
47024	7025	2399.167	-60.496	3.892	0.244	89.67	142.635	-9486.8	-9869.12	
47025	7025	-2399.17	60.496	-3.892	-0.244	-89.67	-142.635	-9486.8	-9869.12	
47025	7026	2399.167	-40.303	3.892	0.244	120.791	545.649	-8957.69	-10420.3	
47026	7026	-2399.17	40.303	-3.892	-0.244	-120.791	-545.649	-8957.69	-10420.4	
47026	7027	2399.17	21.684	3.652	0.16	142.719	461.065	-9068.75	-10304.6	
47027	7027	-2399.17	-21.684	-4.079	-0.078	-142.719	-461.065	-9068.75	-10304.6	
47027	7028	2399.169	36.821	4.079	0.078	167.168	285.717	-9298.96	-10064.8	
47028	7028	-2399.17	-36.821	0.322	-0.603	-167.168	-285.717	-9298.97	-10064.8	
47028	7029	2399.172	51.981	-0.322	0.603	165.238	19.17	-9648.92	-9700.3	
47029	7029	-2399.17	-51.981	0.322	-0.603	-165.238	-19.17	-9648.92	-9700.3	
47029	7030	2399.172	67.141	-0.322	0.603	163.307	-338.384	-10118.3	-9211.32	
47030	7030	-2399.18	-113.599	1.587	-1.467	-163.307	338.369	-10118.3	-9211.35	
47030	7031	2399.177	133.784	-1.587	1.467	150.625	-1327.06	-11416.4	-7859.23	
47031	7031	-2399.18	-133.784	1.898	-1.295	-150.625	1327.063	-11416.4	-7859.23	
47031	7032	2399.177	153.995	-1.898	1.295	135.437	-2478.63	-12928.2	-6284.37	
47032	7032	-2399.17	-153.995	4.88	1.786	-135.437	2478.632	-12928.2	-6284.35	
47032	7033	2399.173	174.202	-4.88	-1.786	96.387	-3791.77	-14652.2	-4488.53	
47033	7033	-2399.11	-222.85	15.207	0.037	-96.387	3791.838	-14652.1	-4488.19	
47033	7034	2399.111	242.42	-15.207	-0.037	-21.458	-5594.61	-17018.9	-2022.75	
47034	7034	-2399.13	-242.42	12.127	-7.145	21.458	5594.606	-17018.9	-2022.83	
47034	7035	2399.129	261.992	-12.127	7.145	-115.45	-7549.29	-19585.2	650.37	
47035	7035	-2399.1	-261.992	16.723	7.315	115.45	7549.294	-16149.1	1122.7	
47035	7036	2399.101	288.558	-16.723	-7.315	-274.278	-10163.8	-19078.8	4174.51	
47036	7036	83.744	540.421	-0.244	-10.634	-19.533	31476.15	-14862.7	15552.9	
47036	7037	-78.949	-499.467	0.244	10.634	22.606	-24935	-15432.3	16235.37	
47037	7037	65.131	501.456	-0.26	9.767	-24.654	24935.05	-15467	16200.69	
47037	7038	-61.699	-462.969	0.26	-9.767	27.921	-18885.9	-14915.1	15734.95	
47038	7038	46.249	424.322	1.844	-5.552	-26.655	18886.25	-14958.6	15692.15	
47038	7039	-43.881	-385.464	-1.844	5.552	2.175	-13512.5	-13093.5	13852.16	

PIER 3 -- Cumulative Affects thru Day 134

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	47039	7039	43.668	308.846	0.878	3.161	-1.195	2608.47	-2513.29	2900.99
	47039	7040	-42.627	-277.093	-0.878	-3.161	-9.126	835.948	1092.53	-837.87
	47040	7040	36.187	235.526	-0.041	4.164	9.178	-835.947	1070.38	-860.01
	47040	7041	-35.937	-213.496	0.041	-4.164	-8.839	2687.534	3248.41	-3129
	47041	7041	33.508	213.891	-0.105	-1.017	8.885	-2687.54	4211.58	-4081.66
	47041	7042	-33.508	-176.97	0.105	1.017	-7.273	5702.334	8768.21	-8828.14
	47042	7042	33.508	135.942	0.055	6.257	7.273	-5702.39	8768.29	-8828.22
	47042	7043	-33.508	-107.461	-0.055	-6.257	-7.923	7150.632	10957.19	-11108.3
	47043	7043	33.508	107.461	-0.001	-5.712	7.923	-7150.63	10957.19	-11108.3
	47043	7044	-33.508	-78.984	0.001	5.712	-7.906	8259.811	12633.63	-12854.6
	47044	7044	33.507	40.382	-0.066	3.362	7.906	-8259.84	12633.67	-12854.7
	47044	7045	-33.507	-11.884	0.066	-3.362	-7.124	8571.009	13103.98	-13344.6
	47045	7045	33.507	11.884	-0.091	-3.173	7.124	-8571.01	13103.98	-13344.6
	47045	7046	-33.507	16.589	0.091	3.173	-6.039	8543.023	13061.68	-13300.5
	47046	7046	33.508	-54.623	0.16	6.318	6.039	-8543.03	13061.69	-13300.5
	47046	7047	-33.508	83.115	-0.16	-6.318	-7.941	7723.172	11822.54	-12009.7
	47047	7047	33.509	-83.115	0.104	-6.61	7.941	-7723.17	11822.54	-12009.7
	47047	7048	-33.509	111.603	-0.104	6.61	-9.176	6564.317	10071.03	-10185.2
	47048	7048	33.508	-150.204	-0.066	1.6	9.176	-6564.33	10071.05	-10185.3
	47048	7049	-33.508	178.689	0.066	-1.6	-8.387	4607.074	7112.81	-7103.77
	47049	7049	33.508	-178.689	-0.094	-2.258	8.387	-4607.07	7112.81	-7103.77
	47049	7050	-33.508	207.173	0.094	2.258	-7.264	2310.949	3642.4	-3488.76
	47050	7050	33.51	-248.321	0.34	-1.252	7.264	-2310.94	3642.4	-3488.74
	47050	7051	-33.51	285.23	-0.34	1.252	-12.502	-1803.15	-2575.71	2988.47
	47051	7051	36.751	-284.83	0.284	1.626	12.521	1803.147	-2312.13	2733.95
	47051	7052	-36.982	305.168	-0.284	-1.626	-14.859	-4235.95	-5487.91	6051.51
	47052	7052	44.914	-347.11	-0.462	-7.593	14.599	4235.844	-5455.04	6084.11
	47052	7053	-45.874	376.394	0.462	7.593	-9.163	-8491.02	-10012.4	10803.93
	47053	7053	58.412	-379.896	-0.322	11.11	19.406	8931.255	-8305.09	8978.86
	47053	7054	-60.707	417.451	0.322	-11.11	-15.136	-14221.9	-10918.7	11603.15
	47054	7054	76.323	-459.035	-0.872	-16.11	13.048	14221.72	-10874.3	11647.31
	47054	7055	-79.64	496.138	0.872	16.11	-2.102	-20211.8	-12249.1	12963.36
	47055	7055	93.322	-493.747	-0.928	15.873	5.415	20211.85	-12213.9	12998.51
	47055	7056	-97.94	533.101	0.928	-15.873	6.266	-26668.6	-12403.7	13094.61
	47056	7056	-2203.16	250.716	-17.076	-5.566	320.45	7809.269	-15565.9	1710.1
	47056	7057	2203.163	-224.949	17.076	5.566	-158.119	-5548.3	-13116.9	-842.65
	47057	7057	-2203.18	224.949	-14.543	1.09	158.119	5506.262	-13526.8	-1011.07
	47057	7058	2203.181	-204.401	14.543	-1.09	-45.395	-3842.32	-11688.4	-2954.79
	47058	7058	-2203.2	204.401	-11.708	6.034	45.395	3842.317	-11688.4	-2954.86
	47058	7059	2203.198	-183.855	11.708	-6.034	45.346	-2337.78	-10026.1	-4712.38
47059	7059	-2203.19	138.037	-6.659	-1.235	-45.346	2337.842	-10026.2	-4712.26	
47059	7060	2203.187	-116.853	6.659	1.235	98.561	-1319.42	-8900.96	-5901.93	
47060	7060	-2203.19	116.853	-3.713	0.529	-98.561	1319.422	-8900.98	-5901.95	
47060	7061	2203.194	-95.644	3.713	-0.529	128.266	-469.402	-7961.84	-6894.89	
47061	7061	-2203.2	95.644	-0.966	1.115	-128.266	469.401	-7961.85	-6894.91	
47061	7062	2203.197	-74.437	0.966	-1.115	135.991	210.888	-7210.23	-7689.58	
47062	7062	-2203.2	30.197	-3.042	0.579	-135.991	-211.016	-7210.09	-7689.73	
47062	7063	2203.197	-14.278	3.042	-0.579	154.258	344.545	-7062.56	-7845.71	
47063	7063	-2203.2	14.278	0.618	0.006	-154.258	-344.545	-7062.57	-7845.72	
47063	7064	2203.199	1.639	-0.618	-0.006	150.545	382.489	-7020.65	-7890.04	
47064	7064	-2203.2	-1.639	0.367	0.05	-150.545	-382.489	-7020.65	-7890.04	
47064	7065	2203.199	17.529	-0.367	-0.05	148.342	325.044	-7084.12	-7822.94	
47065	7065	-2203.2	-17.529	0.618	0.013	-148.342	-325.044	-7084.12	-7822.94	
47065	7066	2203.199	33.446	-0.618	-0.013	144.629	172.018	-7253.19	-7644.18	
47066	7066	-2203.2	-77.725	4.205	0.16	-144.629	-171.933	-7253.28	-7644.09	
47066	7067	2203.2	98.927	-4.205	-0.16	111.001	-534.459	-8033.74	-6818.92	
47067	7067	-2203.2	-98.927	4.205	0.16	-111.001	534.459	-8033.74	-6818.92	
47067	7068	2203.2	120.128	-4.205	-0.16	77.372	-1410.41	-9001.53	-5795.68	
47068	7068	-2203.2	-120.128	4.387	0.277	-77.372	1410.412	-9001.53	-5795.68	
47068	7069	2203.199	141.356	-4.387	-0.277	42.242	-2457.34	-10158.2	-4572.72	
47069	7069	-2203.14	-187.09	13.064	-3.59	-42.242	2457.5	-10158.2	-4572.32	
47069	7070	2203.139	207.625	-13.064	3.59	-58.953	-3986.26	-11847.2	-2786.51	
47070	7070	-2203.12	-207.625	15.902	1.546	58.953	3986.263	-11847.2	-2786.44	
47070	7071	2203.12	228.158	-15.902	-1.546	-182.125	-5673.95	-13711.8	-814.99	
47071	7071	-2203.12	-228.158	16.118	2.408	182.125	5715.989	-13298.3	-653.18	
47071	7072	2203.119	253.905	-16.118	-2.408	-335.229	-8005.54	-15778.4	1931.85	
47072	7072	92.736	526.582	0.668	-7.45	-8.575	26878.44	-12514.9	13183.97	
47072	7073	-88.118	-487.201	-0.668	7.45	0.164	-20499.7	-12404.6	13166.82	
47073	7073	74.634	489.448	0.643	8.857	-1.826	20499.67	-12439.3	13132.18	
47073	7074	-71.317	-452.327	-0.643	-8.857	-6.251	-14590.7	-11176.2	11929.67	
47074	7074	56.301	416.695	0.234	-0.358	7.05	14590.99	-11219.1	11887.32	
47074	7075	-54.007	-379.158	-0.234	0.358	-10.154	-9312.84	-8681.11	9341.3	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

		MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	47075	7075	41.104	300.876	0.387	-0.99	6.505	-2710.68	3418.02	-3227.39	
	47075	7076	-40.175	-272.568	-0.387	0.99	-11.059	6080.937	8263.12	-8302.37	
	47076	7076	33.891	235.544	-0.026	5.724	10.956	-6081.13	8237.44	-8328.57	
	47076	7077	-33.668	-215.861	0.026	-5.724	-10.741	7944.004	11001.32	-11229.9	
	47077	7077	31.214	216.229	-0.062	-3.641	10.806	-7953.09	9827.61	-8802.21	
	47077	7078	-31.214	-180.875	0.062	3.641	-9.935	10729.2	13218.42	-11914.3	
	47078	7078	31.213	144.329	-0.291	6.113	9.935	-10729.2	13218.48	-11914.4	
	47078	7079	-31.213	-116.018	0.291	-6.113	-6.679	12186.75	14998.71	-13548.3	
	47079	7079	31.213	116.018	-0.317	-4.172	6.679	-12186.7	14998.71	-13548.3	
	47079	7080	-31.213	-87.732	0.317	4.172	-3.13	13326.33	16390.63	-14825.8	
	47080	7080	31.214	53.659	0.137	6.968	3.13	-13326.4	16390.76	-14825.9	
	47080	7081	-31.214	-25.377	-0.137	-6.968	-4.659	13768.45	16930.65	-15321.5	
	47081	7081	31.214	25.377	0.107	-5.953	4.659	-13768.4	16930.65	-15321.5	
	47081	7082	-31.214	2.93	-0.107	5.953	-5.862	13894.09	17084.11	-15462.3	
	47082	7082	31.214	-38.344	-0.076	5.587	5.862	-13894.2	17084.24	-15462.4	
	47082	7083	-31.214	-68.751	0.076	-5.587	-4.942	13250.29	16297.75	-14740.6	
	47083	7083	31.213	-68.751	-0.102	-5.419	4.942	-13250.3	16297.75	-14740.6	
	47083	7084	-31.213	99.156	0.102	5.419	-3.711	12240.8	15064.73	-13608.9	
	47084	7084	31.214	-134.286	-0.047	4.096	3.711	-12240.9	15064.84	-13609	
	47084	7085	-31.214	162.587	0.047	-4.096	-3.185	10579.5	13035.58	-11746.5	
	47085	7085	31.214	-162.587	-0.074	-4.906	3.185	-10579.5	13035.58	-11746.5	
	47085	7086	-31.214	190.862	0.074	4.906	-2.362	8603.348	10621.86	-9531.18	
	47086	7086	31.214	-225.115	0.086	4.524	2.362	-8603.34	10621.85	-9531.17	
	47086	7087	-31.214	253.414	-0.086	-4.524	-3.33	5925.582	7351.17	-6529.3	
	47087	7087	31.214	-253.414	0.031	-6.055	3.33	-5925.58	7351.16	-6529.3	
	47087	7088	-31.214	281.711	-0.031	6.055	-3.675	2931.359	3693.94	-3172.66	
	47088	7088	31.214	-318.016	0.092	-2.183	3.675	-2931.37	3693.96	-3172.67	
	47088	7089	-31.214	352.032	-0.092	2.183	-4.908	-1575.54	-1810.89	1879.74	
	47089	7089	35.214	-351.654	0.033	0.728	4.916	1584.617	-1685.46	2048.37	
	47089	7090	-35.45	372.443	-0.033	-0.728	-5.186	-4570.57	-4973.8	5517.95	
	47090	7090	44.648	-408.901	-0.435	-9.097	4.882	4570.471	-4940.16	5551.36	
	47090	7091	-45.629	438.806	0.435	9.097	0.235	-9552.9	-9489.83	10305.49	
	47091	7091	60.155	-441.565	-0.246	6.37	6.423	9899.732	-9111.8	9911.17	
	47091	7092	-62.406	478.499	0.246	-6.37	-3.157	-16004.9	-12164.3	13002.49	
47092	7092	79.577	-518.74	-0.696	-18.416	1.133	16004.63	-12115.7	13050.72		
47092	7093	-82.834	555.263	0.696	18.416	7.604	-22741.3	-13648.2	14522.64		
47093	7093	98.139	-552.763	-0.749	17.918	-3.88	22741.32	-13609.1	14561.76		
47093	7094	-102.68	591.541	0.749	-17.918	13.309	-29938.5	-13796.8	14635.74		
47094	7094	2389.74	-229.098	-11.568	-5.378	173.26	8232.829	-16472.6	1612.76		
47094	7095	-2389.74	203.778	11.568	5.378	-63.29	-6175.35	-14270.1	-704.47		
47095	7095	2389.75	-203.778	-9.407	0.208	63.29	6175.356	-14519.5	-1371.14		
47095	7096	-2389.75	183.741	9.407	-0.208	9.561	-4674.75	-12966.5	-3013.15		
47096	7096	2389.76	-163.68	6.219	6.443	-9.561	4674.741	-12966.5	-3013.19		
47096	7097	-2389.76	120.104	-0.578	-3.029	57.787	-3327.73	-11572.4	-4487.14		
47097	7097	2389.77	-99.421	0.578	3.029	-57.787	3327.717	-11572.4	-4487.17		
47097	7098	-2389.77	99.421	2.507	0.134	62.407	2450.215	-10664.3	-5447.36		
47098	7098	2389.767	-78.713	-2.507	-0.134	42.342	-1737.3	-9926.46	-6227.45		
47099	7099	-2389.76	78.713	5.491	2.303	-42.342	1737.298	-9926.46	-6227.43		
47099	7100	2389.762	-58.006	-5.491	-2.303	-1.608	-1190.15	-9360.17	-6826.14		
47100	7100	-2389.78	15.378	-0.609	-0.188	1.608	1190.254	-9360.36	-6826.11		
47100	7101	2389.784	0.127	0.609	0.188	2.039	-1144.55	-9313.06	-6876.11		
47101	7101	-2389.78	-0.127	3.497	1.778	-2.039	1144.553	-9313.05	-6876.1		
47101	7102	2389.782	15.656	-3.497	-1.778	-18.951	-1191.92	-9362.08	-6824.27		
47102	7102	-2389.78	-15.656	-4.461	-2.191	18.951	1191.923	-9362.07	-6824.27		
47102	7103	2389.78	31.188	4.461	2.191	7.83	-1332.53	-9507.59	-6670.4		
47103	7103	-2389.78	-31.188	-0.609	-0.043	-7.83	1332.535	-9507.61	-6670.42		
47103	7104	2389.784	46.692	0.609	0.043	11.477	-1565.9	-9749.13	-6415.06		
47104	7104	-2389.78	-46.692	-0.609	-0.043	-11.477	1565.818	-9749.04	-6415.15		
47104	7105	2389.783	110.093	4.736	2.048	49.382	-2364.13	-10575.2	-5541.61		
47105	7105	-2389.79	-110.093	-1.751	0.905	-49.382	2364.127	-10575.3	-5541.63		
47105	7106	2389.787	130.799	1.751	-0.905	63.4	-3328.13	-11572.9	-4486.78		
47106	7106	-2389.79	-130.799	-1.841	0.78	-63.4	3328.131	-11572.9	-4486.78		
47106	7107	2389.787	151.48	1.841	-0.78	78.116	-4456.35	-12740.6	-3252.25		
47107	7107	-2389.76	-194.897	7.651	-3.145	-78.116	4456.403	-12740.5	-3252.1		
47107	7108	2389.759	214.955	-7.651	3.145	18.796	-6045.22	-14384.9	-1513.56		
47108	7108	-2389.76	-214.955	7.651	-3.145	-18.796	6045.223	-14384.9	-1513.56		
47108	7109	2389.759	235.014	-7.651	3.145	-40.524	-7789.56	-16190.1	395.14		
47109	7109	-2389.75	-235.014	10.015	4.56	40.524	7789.555	-15998.1	1113.49		
47109	7110	2389.751	260.3	-10.015	-4.56	-135.599	-10140.7	-18515	3761.46		
47110	7110	-2389.75	-260.3	0.198	-20.534	-7.145	32280.35	-14880	15776.57		
47110	7111	108.949	551.126	0.198	-20.534	4.651	-25588.7	-15328.5	16369.64		
47111	7111	-104.409	-512.33	-0.198	20.534	-8.849	25588.74	-15364.7	16333.39		
47111	7112	86.971	-478.479	-0.127	-20.356	7.249	-19354.9	-14678	15756.51		
47112	7112	-86.971	478.479	0.127	20.356	-7.249	19354.9	-14678	15756.51		
47112	7113	71.333	444.589	0.35	-2.896	-5.246	19355.33	-14722.4	15712.74		
47112	7113	-71.333	-444.589	-0.35	2.896	5.246	-19355.33	-14722.4	15712.74		

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	47113	7113	52.159	329.06	0.335	1.913	8.598	1619.062	-1451.67	1903.32
	47113	7114	-51.188	-299.446	-0.335	-1.913	-12.542	2075.849	2504.3	-2260.81
	47114	7114	44.323	262.206	-0.153	2.585	12.57	-2075.9	2479.33	-2285.9
	47114	7115	-44.089	-241.616	0.153	-2.585	-11.307	4154.685	4920.62	-4869.06
	47115	7115	41.341	242.101	-0.176	0.067	11.336	-4166.57	6316.87	-5446.88
	47115	7116	-41.341	-209.203	0.176	-0.067	-8.873	7319.567	10966.73	-9699.08
	47116	7116	41.341	173.364	-0.173	4.502	8.873	-7319.57	10966.74	-9699.09
	47116	7117	-41.341	-147.014	0.173	-4.502	-6.934	9112.405	13610.7	-12116.9
	47117	7117	41.341	147.014	-0.21	-3.493	6.934	-9112.41	13610.7	-12116.9
	47117	7118	-41.341	-120.687	0.21	3.493	-4.591	10609.09	15817.93	-14135.4
	47118	7118	41.341	88.048	-0.191	0.265	4.591	-10609	15817.81	-14135.3
	47118	7119	-41.341	-61.699	0.191	-0.265	-2.457	11446.96	17053.56	-15265.4
	47119	7119	41.341	61.699	-0.191	0.265	2.457	-11447	17053.56	-15265.4
	47119	7120	-41.341	-35.349	0.191	-0.265	-0.322	11990.01	17854.43	-15997.8
	47120	7120	41.341	0.281	-0.06	9.768	0.322	-11990.1	17854.58	-15997.9
	47120	7121	-41.341	28.022	0.06	-9.768	0.402	11823.37	17608.68	-15773
	47121	7121	41.341	-28.022	-0.129	-9.901	-0.402	-11823.4	17608.68	-15773
	47121	7122	-41.341	56.324	0.129	9.901	1.952	11316.41	16861.04	-15089.3
	47122	7122	41.341	-90.821	-0.148	4.179	-1.952	-11316.4	16861.04	-15089.3
	47122	7123	-41.341	117.169	0.148	-4.179	3.612	10152.63	15144.76	-13519.8
	47123	7123	41.341	-117.169	-0.185	-4.892	-3.612	-10152.6	15144.76	-13519.8
	47123	7124	-41.341	143.517	0.185	4.892	5.686	8694.007	12993.67	-11552.7
	47124	7124	41.341	-177.304	0.007	5.291	-5.686	-8694.01	12993.68	-11552.7
	47124	7125	-41.341	203.651	-0.007	-5.291	5.611	6562.463	9850.19	-8678.03
	47125	7125	41.341	-203.651	-0.067	-6.437	-5.611	-6562.46	9850.19	-8678.03
	47125	7126	-41.341	229.998	0.067	6.437	6.363	4136.116	6271.96	-5405.81
	47126	7126	41.341	-265.761	-0.083	-0.437	-6.363	-4136.14	6272	-5405.84
	47126	7127	-41.341	297.594	0.083	0.437	7.484	327.761	655.62	-269.77
	47127	7127	44.719	-297.105	-0.138	-0.75	-7.493	-315.875	677.06	-297.67
	47127	7128	-44.934	316.009	0.138	0.75	8.633	-2213.37	-3057.87	3587.56
	47128	7128	53.004	-354.742	-0.552	-5.414	-8.806	2213.307	-3022.11	3623.13
	47128	7129	-53.896	381.953	0.552	5.414	15.295	-6543.32	-8432.81	9212.82
	47129	7129	68.668	-385.775	-1.536	8.701	-22.851	7031.461	-7016.81	7799.73
	47129	7130	-70.847	421.545	1.536	-8.701	43.241	-12388.2	-10224.7	11059.44
	47130	7130	86.091	-458.247	2.474	-6.593	-44.451	12388.19	-10179.1	11104.98
	47130	7131	-89.25	493.676	-2.474	6.593	13.405	-18359.3	-11929.7	12806.46
	47131	7131	106.825	-490.174	2.443	6.417	-12.062	18359.29	-11882.3	12853.81
	47131	7132	-111.237	525.387	-2.443	-6.417	-16.694	-24334.2	-12072.6	12929.79
	47132	7132	44.398	-206.859	13.858	6.096	-166.007	6204.928	-14643.1	338.51
	47132	7133	2143.981	-180.277	-13.858	-6.096	22.994	-4207.31	-12292.7	-2134.29
	47133	7133	-2144	180.277	11.091	0.668	-22.994	4207.311	-14685.6	-2911.45
	47133	7134	2143.997	-162.026	-11.091	-0.668	-62.964	-2880.89	-12872.1	-4809.94
	47134	7134	-2144.02	162.026	5.569	-6.753	62.964	2880.878	-12872.2	-4810.05
	47134	7135	2144.018	-143.752	-5.569	6.753	-106.181	-1694.45	-11250.1	-6508.16
	47135	7135	-2144.01	104.467	-3.095	-0.899	106.181	1694.53	-11250.1	-6508
	47135	7136	2144.007	-85.651	3.095	0.899	-81.452	-934.996	-10211.7	-7595.12
	47136	7136	-2144.01	85.651	-0.398	0.277	81.452	934.996	-10211.7	-7595.12
	47136	7137	2144.009	-66.811	0.398	-0.277	-78.266	-325.142	-9377.91	-8468
47137	7137	-2144.01	66.811	-0.398	0.277	78.266	325.142	-9377.91	-8468	
47137	7138	2144.009	-47.971	0.398	-0.277	-75.08	133.993	-8750.18	-9125.15	
47138	7138	-2144	9.796	-4.619	0.04	75.08	-134.041	-8750.06	-9125.17	
47138	7139	2143.997	4.333	4.619	-0.04	-47.366	150.431	-8727.65	-9148.63	
47139	7139	-2144	-4.333	-1.046	-0.21	47.366	-150.431	-8727.67	-9148.65	
47139	7140	2144.002	18.463	1.046	0.21	-41.092	82.041	-8821.17	-9050.76	
47140	7140	-2144	-18.463	-1.046	-0.21	41.092	-82.041	-8821.17	-9050.76	
47140	7141	2144.002	32.593	1.046	0.21	-34.817	-71.129	-9030.59	-8831.53	
47141	7141	-2144	-32.593	-1.046	-0.21	34.817	71.129	-9030.59	-8831.53	
47141	7142	2144.002	46.722	1.046	0.21	-28.543	-309.077	-9355.91	-8490.96	
47142	7142	-2143.99	-86.666	-4.383	-1.076	28.543	309.02	-9355.8	-8491.01	
47142	7143	2143.994	105.506	4.383	1.076	6.522	-1077.72	-10406.8	-7390.78	
47143	7143	-2144	-105.506	-1.703	0.271	-6.522	1077.722	-10406.8	-7390.8	
47143	7144	2143.998	124.345	1.703	-0.271	20.147	-1997.14	-11663.8	-6074.85	
47144	7144	-2144	-124.345	-1.703	0.271	-20.147	1997.138	-11663.8	-6074.85	
47144	7145	2143.998	143.185	1.703	-0.271	33.771	-3067.27	-13126.9	-4543.18	
47145	7145	-2144.02	-186.906	0.897	1.614	-33.771	3067.207	-13126.9	-4543.35	
47145	7146	2144.017	205.157	-0.897	-1.614	26.817	-4586.47	-15204	-2368.84	
47146	7146	-2144.02	-205.157	-1.869	-4.304	-26.817	4586.472	-15204	-2368.84	
47146	7147	2144.017	223.408	1.869	4.304	41.302	-6247.2	-17474.6	8.13	
47147	7147	-2144.02	-223.408	0.679	3.12	-41.302	6247.199	-14692.9	390.72	
47147	7148	2144.017	247.879	-0.679	-3.12	34.852	-8485.84	-17326.9	3161.87	
47148	7148	120.494	489.207	-0.431	-9.044	-11.594	27682.95	-13748.4	14694.7	
47148	7149	-116.082	-451.521	0.431	9.044	17.018	-21765.8	-14115.5	15210.35	
47149	7149	103.569	454.554	-0.481	8.773	-18.807	21765.83	-14149.2	15176.64	
47149	7150	-100.41	-419.125	0.481	-8.773	24.846	-16285.6	-13419.7	14560.55	
47150	7150	86.28	383.834	1.891	-1.039	-23.95	16285.63	-13462	14518.3	
47150	7151	-84.101	-348.063	-1.891	1.039	-1.156	-11429.4	-11495	12588.8	

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	47151	7151	62.953	258.49	0.431	0.299	-10.136	-360.346	744.32	-227.44
	47151	7152	-62.036	-230.537	-0.431	-0.299	5.068	3234.509	5032.91	-4678.39
	47152	7152	56.615	190.428	-0.015	-2.994	-5.022	-3234.56	5009.03	-4702.43
	47152	7153	-56.394	-171.003	0.015	2.994	5.145	4725.525	7394.01	-7188.09
	47153	7153	54.447	171.633	0.038	1.646	-5.179	-4725.53	8236.91	-8004.14
	47153	7154	-54.447	-140.259	-0.038	-1.646	4.659	6869.818	11855.77	-11754.9
	47154	7154	54.447	101.903	0.038	0.165	-4.659	-6869.81	11855.77	-11754.9
	47154	7155	-54.447	-76.804	-0.038	-0.165	4.238	7852.72	13514.59	-13474.2
	47155	7155	54.447	76.804	0.038	0.165	-4.238	-7852.72	13514.59	-13474.2
	47155	7156	-54.447	-51.705	-0.038	-0.165	3.817	8559.534	14707.46	-14710.6
	47156	7156	54.447	17.426	0.057	-4.253	-3.817	-8559.54	14707.46	-14710.6
	47156	7157	-54.447	5.391	-0.057	4.253	3.25	8619.708	14809.02	-14815.9
	47157	7157	54.447	-5.391	0.111	4.366	-3.25	-8619.71	14809.02	-14815.9
	47157	7158	-54.447	28.209	-0.111	-4.366	2.14	8451.706	14525.48	-14522
	47158	7158	54.447	-58.87	0.071	-3.957	-2.14	-8451.66	14525.4	-14521.9
	47158	7159	-54.447	81.71	-0.071	3.957	1.426	7748.038	13337.92	-13291.1
	47159	7159	54.447	-81.71	0.126	3.83	-1.426	-7748.04	13337.92	-13291.1
	47159	7160	-54.447	104.528	-0.126	-3.83	0.166	6816.831	11766.35	-11662.3
	47160	7160	54.447	-139.029	0.08	-2.531	-0.166	-6816.81	11766.32	-11662.2
	47160	7161	-54.447	164.128	-0.08	2.531	-0.718	5149.436	8952.33	-8745.65
	47161	7161	54.447	-164.128	0.13	2.15	0.718	-5149.44	8952.33	-8745.65
	47161	7162	-54.447	189.226	-0.13	-2.15	-2.147	3205.961	5672.38	-5346.11
	47162	7162	54.446	-228.723	0.252	-0.28	2.147	-3205.98	5672.41	-5346.15
	47162	7163	-54.446	260.097	-0.252	0.28	-5.609	-154.713	0.65	532.39
	47163	7163	57.398	-259.461	0.199	-0.193	5.607	154.713	22.41	499.82
	47163	7164	-57.619	278.887	-0.199	0.193	-7.249	-2375.51	-3240.36	3891.88
	47164	7164	64.99	-320.499	-0.027	-1.949	7.19	2375.578	-3207.89	3924.55
	47164	7165	-65.907	348.453	0.027	1.949	-6.878	-6307.4	-8069.51	8939.9
	47165	7165	80.859	-353.328	0.149	2.192	9.72	6880.373	-7427.08	8303.8
	47165	7166	-83.067	389.538	-0.149	-2.192	-11.701	-11805.7	-10511.1	11414.56
	47166	7166	98.444	-437.447	0.077	-6.683	10.995	11805.55	-10462.7	11462.71
	47166	7167	-101.642	473.317	-0.077	6.683	-11.967	-17518.5	-12229.6	13168.37
	47167	7167	114.674	-470.329	0.03	6.908	13.408	17518.46	-12192.9	13205.06
	47167	7168	-119.137	508.456	-0.03	-6.908	-13.786	-23675	-12571	13468.29
	47168	7168	-2086.66	232.65	-2.049	-3.431	17.104	6395.548	-15765.9	1029.79
	47168	7169	2086.656	-207.844	2.049	3.431	2.365	-4303.16	-13081.3	-1780.59
47169	7169	-2086.66	207.844	0.36	1.537	-2.365	4303.16	-15236.3	-2539.25	
47169	7170	2086.657	-189.09	-0.36	-1.537	-0.423	-2765.02	-13019	-4860.45	
47170	7170	-2086.66	189.09	0.36	1.537	0.423	2765.019	-13019	-4860.45	
47170	7171	2086.657	-170.336	-0.36	-1.537	-3.21	-1372.23	-11011.3	-6962.32	
47171	7171	-2086.66	123.373	0.802	0.536	3.21	1372.128	-11011.1	-6962.48	
47171	7172	2086.66	-104.013	-0.802	-0.536	-9.623	-462.572	-9699.97	-8335.09	
47172	7172	-2086.66	104.013	-1.807	-0.043	9.623	462.572	-9699.97	-8335.09	
47172	7173	2086.659	-84.654	1.807	0.043	4.831	292.113	-8612.07	-9473.98	
47173	7173	-2086.66	84.654	0.802	-0.408	-4.831	-292.112	-8612.07	-9473.99	
47173	7174	2086.66	-65.295	-0.802	0.408	-1.582	891.914	-7747.44	-10379.2	
47174	7174	-2086.66	21.575	0.859	-0.429	1.582	-891.989	-7747.33	-10379.3	
47174	7175	2086.659	-7.055	-0.859	0.429	-6.739	977.88	-7623.52	-10508.9	
47175	7175	-2086.66	7.055	-2.618	1.2	6.739	-977.879	-7623.51	-10508.9	
47175	7176	2086.658	7.464	2.618	-1.2	8.97	976.651	-7625.28	-10507	
47176	7176	-2086.66	-7.464	0.859	-0.427	-8.97	-976.652	-7625.28	-10507	
47176	7177	2086.659	21.984	-0.859	0.427	3.813	888.306	-7752.64	-10373.7	
47177	7177	-2086.66	-21.984	0.859	-0.427	-3.813	-888.306	-7752.64	-10373.7	
47177	7178	2086.659	36.503	-0.859	0.427	-1.344	712.842	-8005.57	-10108.9	
47178	7178	-2086.66	-80.572	0.571	-0.424	1.344	-712.918	-8005.46	-10109	
47178	7179	2086.657	99.931	-0.571	0.424	-5.916	-9.102	-9046.27	-9019.41	
47179	7179	-2086.66	-99.931	-2.037	-0.436	5.916	9.101	-9046.26	-9019.41	
47179	7180	2086.656	119.291	2.037	0.436	10.378	-886.005	-10310.4	-7696.07	
47180	7180	-2086.66	-119.291	0.571	0.672	-10.378	886.005	-10310.4	-7696.08	
47180	7181	2086.657	138.65	-0.571	-0.672	5.806	-1917.78	-11797.7	-6139.03	
47181	7181	-2086.67	-185.823	1.193	1.986	-5.806	1917.694	-11797.6	-6139.19	
47181	7182	2086.665	204.577	-1.193	-1.986	-3.443	-3430.51	-13978.4	-3856.19	
47182	7182	-2086.67	-204.577	1.193	1.986	3.443	3430.513	-13978.4	-3856.19	
47182	7183	2086.665	223.331	-1.193	-1.986	-12.692	-5088.68	-16368.7	-1353.85	
47183	7183	-2086.67	-223.331	-1.216	-3.889	12.692	5088.68	-14089.2	-725.56	
47183	7184	2086.665	248.137	1.216	3.889	-1.144	-7328.2	-16962.5	2282.44	
47184	7184	119.186	490.991	0.23	7.763	-16.644	24853.71	-13211.5	14124.24	
47184	7185	-114.722	-452.864	-0.23	-7.763	13.747	-18916.9	-13191.9	14233.57	
47185	7185	102.172	455.86	0.279	-6.933	-12.184	18916.95	-13227.3	14198.24	
47185	7186	-98.974	-419.99	-0.279	6.933	8.68	-13423.1	-11936.9	12992.62	
47186	7186	84.553	379.98	-0.829	-0.564	-9.244	13423.13	-11982.2	12947.35	
47186	7187	-82.345	-343.742	0.829	0.564	20.243	-8621.18	-9371.23	10339.72	

SPAN 7 -- Cumulative Affects thru Day 54

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	47187	7187	65.005	250.184	0.321	1.299	-4.174	-3316.19	4665.81	-4277.09
	47187	7188	-64.047	-220.965	-0.321	-1.299	0.4	6085.278	9236	-9034.46
	47188	7188	58.805	178.747	0.025	-3.88	-0.313	-6085.27	9212.82	-9057.61
	47188	7189	-58.574	-158.433	-0.025	3.88	0.105	7476.189	11561.15	-11509
	47189	7189	56.77	159.089	0.08	3.359	-0.149	-7467.77	10587.48	-11342.3
	47189	7190	-56.77	-124.832	-0.08	-3.359	-0.953	9419.756	13290.96	-14371
	47190	7190	56.771	83.158	-0.087	0.292	0.953	-9419.76	13290.96	-14371
	47190	7191	-56.771	-55.753	0.087	-0.292	0.008	10183.78	14349.12	-15556.4
	47191	7191	56.771	55.753	-0.087	0.292	-0.008	-10183.8	14349.12	-15556.4
	47191	7192	-56.771	-28.348	0.087	-0.292	0.969	10646.34	14989.77	-16274.1
	47192	7192	56.77	-8.843	0.031	0.098	-0.969	-10646.3	14989.73	-16274.1
	47192	7193	-56.77	33.707	-0.031	-0.098	0.656	10433.99	14695.66	-15944.6
	47193	7193	56.77	-33.707	0.031	0.046	-0.656	-10434	14695.66	-15944.6
	47193	7194	-56.77	58.596	-0.031	-0.046	0.345	9972.929	14057.1	-15229.3
	47194	7194	56.77	-92	0.105	4.349	-0.345	-9972.98	14057.16	-15229.3
	47194	7195	-56.77	116.889	-0.105	-4.349	-0.7	8929.56	12612.04	-13610.4
	47195	7195	56.77	-116.889	0.048	-4.589	0.7	-8929.56	12612.04	-13610.4
	47195	7196	-56.77	141.777	-0.048	4.589	-1.177	7637.508	10822.57	-11605.6
	47196	7196	56.77	-178.835	0.095	-0.319	1.177	-7637.5	10822.56	-11605.6
	47196	7197	-56.77	206.241	-0.095	0.319	-2.223	5519.553	7889.22	-8319.42
	47197	7197	56.77	-206.241	0.095	-0.319	2.223	-5519.55	7889.22	-8319.42
	47197	7198	-56.77	233.646	-0.095	0.319	-3.268	3100.143	4538.36	-4565.47
	47198	7198	56.771	-275.029	-0.025	-0.7	3.268	-3100.16	4538.39	-4565.49
	47198	7199	-56.771	309.261	0.025	0.7	-2.932	-913.979	-1021.15	1662.83
47199	7199	60.35	-308.582	-0.08	0.133	2.933	897.643	-970.2	1436.23	
47199	7200	-60.595	329.737	0.08	-0.133	-2.275	-3530.86	-4406.53	4809.3	
47200	7200	69.262	-372.696	-0.51	2.435	2.356	3530.904	-4371.96	4843.98	
47200	7201	-70.279	403.113	0.51	-2.435	3.636	-8090.93	-9329.97	9687.67	
PIER 8 -- Cumulative Affects thru Day 47	47201	7201	83.539	-408.725	-0.08	-4.912	0.52	8794.084	-7918.62	8359.77
	47201	7202	-86.041	449.229	0.08	4.912	0.536	-14487.3	-10804.4	11169.13
	47202	7202	103.246	-496.874	-0.556	7.575	0.45	14487.25	-10757	11216.42
	47202	7203	-106.844	536.768	0.556	-7.575	6.524	-20971.8	-12360	12740.65
	47203	7203	121.658	-533.606	-0.509	-8.909	-8.281	20971.79	-12323	12777.66
	47203	7204	-126.64	575.757	0.509	8.909	14.689	-27951	-12653.4	13045.23
	47204	7204	-2338.43	264.332	-7.368	2.06	186.864	8169.499	-15938.4	1335.13
	47204	7205	2338.433	-236.468	7.368	-2.06	-116.868	-5790.67	-13418.6	-1174.87
	47205	7205	-2338.42	236.468	-10.147	-3.578	116.868	5504.014	-14683.7	-1937.9
	47205	7206	2338.422	-215.218	10.147	3.578	-38.227	-3753.69	-12708.5	-4015.97
	47206	7206	-2338.43	215.218	-7.13	1.265	38.227	3753.695	-12708.5	-4016.01
	47206	7207	2338.433	-193.969	7.13	-1.265	17.029	-2168.08	-10919.2	-5898.54
	47207	7207	-2338.49	143.356	-1.407	0.051	-17.029	2168.067	-10919.4	-5898.76
	47207	7208	2338.492	-121.421	1.407	-0.051	28.289	-1108.94	-9724.21	-7156.2
	47208	7208	-2338.49	121.421	-1.407	0.051	-28.289	1108.943	-9724.21	-7156.2
	47208	7209	2338.492	-99.486	1.407	-0.051	39.549	-225.302	-8727.04	-8205.31
	47209	7209	-2338.49	99.486	-4.331	-0.231	-39.549	225.302	-8727.03	-8205.29
	47209	7210	2338.488	-77.551	4.331	0.231	74.194	482.861	-7927.89	-9046.06
	47210	7210	-2338.51	27.452	0.174	-0.337	-74.194	-482.845	-7927.99	-9046.12
	47210	7211	2338.51	-11.001	-0.174	0.337	73.152	598.207	-7797.8	-9183.09
	47211	7211	-2338.51	11.001	0.174	-0.337	-73.152	-598.207	-7797.8	-9183.09
	47211	7212	2338.51	5.45	-0.174	0.337	72.11	614.861	-7779.01	-9202.86
	47212	7212	-2338.51	-5.45	-3.724	0.688	-72.11	-614.86	-7779	-9202.85
	47212	7213	2338.507	21.902	3.724	-0.688	94.453	532.804	-7871.6	-9105.42
	47213	7213	-2338.51	-21.902	0.174	-0.2	-94.453	-532.804	-7871.61	-9105.44
	47213	7214	2338.51	38.353	-0.174	0.2	93.411	352.039	-8075.6	-8890.82
	47214	7214	-2338.54	-89.205	2.478	0.539	-93.411	-352.021	-8075.71	-8890.9
	47214	7215	2338.537	111.14	-2.478	-0.539	73.586	-449.372	-8980.06	-7939.44
	47215	7215	-2338.54	-111.14	2.478	0.539	-73.586	449.372	-8980.06	-7939.44
	47215	7216	2338.537	133.075	-2.478	-0.539	53.761	-1426.25	-10082.4	-6779.65
	47216	7216	-2338.54	-133.075	-0.445	-1.244	-53.761	1426.246	-10082.5	-6779.65
	47216	7217	2338.538	155.011	0.445	1.244	57.321	-2578.61	-11382.9	-5411.5
	47217	7217	-2338.59	-206.43	6.588	-19.819	-57.321	2578.371	-11382.8	-5411.97
	47217	7218	2338.587	227.679	-6.588	19.819	6.261	-4260.57	-13281.1	-3414.78
47218	7218	-2338.59	-227.679	6.588	-19.819	-6.261	4260.567	-13281.1	-3414.78	
47218	7219	2338.587	248.929	-6.588	19.819	-44.798	-6107.45	-15365.3	-1222.07	
47219	7219	-2338.42	-248.929	28.504	40.913	44.798	6394.019	-14057.7	-538.22	
47219	7220	2338.422	276.793	-28.504	-40.913	-315.59	-8891.22	-16702.9	2096.68	
47220	7220	111.252	545.996	1.425	-35.605	-20.556	28899.88	-13126.8	13444.2	
47220	7221	-106.27	-503.874	-1.425	35.605	2.634	-22299.7	-13160.9	13529.01	
47221	7221	92.241	506.631	1.277	35.262	-10.006	22299.67	-13196	13493.96	
47221	7222	-88.642	-466.73	-1.277	-35.262	-6.025	-16192.5	-12096.8	12463.04	
47222	7222	72.711	426.16	-2.177	-2.76	9.357	16193.97	-12141.7	12420.34	
47222	7223	-70.209	-385.646	2.177	2.76	19.55	-10805.8	-9826.38	10175.81	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 9 -- Cumulative Affects thru Day 26	47223	7223	67.555	294.123	0.886	-0.986	-13.227	-1479.14	2015.49	-1461.21
	47223	7224	-66.485	-262.136	-0.886	0.986	2.811	4746.828	6515.14	-5874.45
	47224	7224	60.195	216.032	0.562	13.495	-2.998	-4747.58	6491	-5900.55
	47224	7225	-59.937	-193.753	-0.562	-13.495	-1.641	6438.713	8946.38	-8314.76
	47225	7225	57.691	194.434	0.351	-10.137	1.798	-6430.68	7577.41	-7575.18
	47225	7226	-57.691	-152.578	-0.351	10.137	-7.052	9027.721	10551.9	-10720.1
	47226	7226	57.696	104.708	0.573	17.661	7.052	-9028.26	10552.54	-10720.7
	47226	7227	-57.696	-72.221	-0.573	-17.661	-13.704	10056	11729.65	-11965.3
	47227	7227	57.698	72.221	0.372	-17.278	13.704	-10056	11729.66	-11965.3
	47227	7228	-57.698	-39.757	-0.372	17.278	-18.023	10705.98	12474.11	-12752.4
	47228	7228	57.698	-6.247	0.497	22.179	18.023	-10705.7	12473.8	-12752
	47228	7229	-57.698	38.714	-0.497	-22.179	-23.798	10444.71	12174.86	-12436
	47229	7229	57.699	-38.714	0.249	-22.752	23.798	-10444.7	12174.86	-12436
	47229	7230	-57.699	71.187	-0.249	22.752	-26.691	9806.594	11444.01	-11663.2
	47230	7230	57.684	-118.41	1.085	15.897	26.691	-9805.49	11442.69	-11662
	47230	7231	-57.684	152.288	-1.085	-15.897	-39.841	8165.757	9564.64	-9676.31
	47231	7231	57.688	-152.288	0.85	-17.395	39.841	-8165.75	9564.65	-9676.3
	47231	7232	-57.688	186.2	-0.85	17.395	-50.153	6113.26	7213.88	-7190.81
	47232	7232	57.691	-238.021	0.449	12.155	50.153	-6112.59	7213.09	-7190
	47232	7233	-57.691	246.592	-0.449	-12.155	-51.53	5369.993	6362.56	-6290.74
	47233	7233	59.81	-246.086	0.358	3.215	51.56	-5370.01	6046.88	-5900.77
	47233	7234	-59.956	263.096	-0.358	-3.215	-53.694	3852.676	4338.96	-4111.1
	47234	7234	64.092	-262.119	0.278	-3.004	53.607	-3852.68	4353.41	-4096.65
	47234	7235	-64.677	286.158	-0.278	3.004	-55.935	1553.649	1799.33	-1424.46
	47235	7235	69.009	-285.144	0.184	-6.38	55.783	-1553.64	1814.21	-1409.57
	47235	7236	-69.655	301.496	-0.184	6.38	-56.822	-107.849	131.52	342.66
	47236	7236	77.227	-343.821	-1.378	-6.209	56.765	103.784	115.6	257.95
	47236	7237	-79.385	380.912	1.378	6.209	-41.97	-3994.66	-2124.21	2599.3
	47237	7237	78.705	-397.266	-2.542	4.416	146.176	6478.285	-3559.04	4101.25
	47237	7238	-81.502	432.073	2.542	-4.416	-121.971	-10425.8	-4958.63	5529.08
	47238	7238	93.282	-461.503	5.809	-25.274	119.286	10423.54	-4932.13	5553.35
	47238	7239	-96.88	497.038	-5.809	25.274	-174.07	-14942.3	-5980.2	6598.25
	47239	7239	96.573	-497.1	5.683	15.377	178.165	14942.3	-5980.8	6597.62
	47239	7240	-100.688	538.011	-5.683	-15.377	-237.663	-20359.6	-6900.14	7505.88
	47240	7240	-2172.44	287.304	-63.945	-5.092	1257.225	4910.989	-9110.75	-1465.75
	47240	7241	2172.441	-260.561	63.945	5.092	-762.862	-2793.2	-7512.31	-3164.09
47241	7241	-2172.65	260.561	-56.506	4.473	762.862	2793.204	-7704.89	-3303.52	
47241	7242	2172.647	-231.402	56.506	-4.473	-279.429	-688.709	-6097.06	-5011.83	
47242	7242	-2172.76	231.402	-51.996	5.902	279.429	688.698	-6097.34	-5012.13	
47242	7243	2172.76	-203.435	51.996	-5.902	147.242	1095.393	-4734.3	-6460.36	
47243	7243	-2174.28	152.067	-16.81	3.156	-147.242	-1095.4	-4738.2	-6464.27	
47243	7244	2174.283	-117.528	16.81	-3.156	317.6	2461.448	-3694.55	-7573.16	
47244	7244	-2174.32	117.528	-11.653	-2.682	-317.6	-2461.45	-3694.63	-7573.24	
47244	7245	2174.317	-85.171	11.653	2.682	428.232	3423.64	-2959.52	-8354.3	
47245	7245	-2173.96	41.077	-12.993	4.811	-428.232	-3422.77	-2959.27	-8352.68	
47245	7246	2173.96	-5.836	12.993	-4.811	562.586	3665.318	-2773.97	-8549.57	
47246	7246	-2173.99	5.836	-7.473	-4.496	-562.586	-3665.32	-2774.03	-8549.63	
47246	7247	2173.986	25.786	7.473	4.496	631.924	3572.769	-2844.74	-8474.51	
47247	7247	-2174.01	-76.018	-2.573	6.384	-631.924	-3572.13	-2845.28	-8474.04	
47247	7248	2174.008	108.022	2.573	-6.384	656.085	2708.03	-3505.45	-7772.61	
47248	7248	-2174	-108.022	6.273	-4.636	-656.085	-2708.03	-3505.43	-7772.6	
47248	7249	2174	142.915	-6.273	4.636	591.858	1423.487	-4486.82	-6729.87	
47249	7249	-2174.36	-189.164	25.03	-0.095	-591.858	-1423.18	-4487.99	-6730.55	
47249	7250	2174.363	223.209	-25.03	0.095	341.827	-636.456	-6061.54	-5058.65	
47250	7250	-2174.29	-223.209	30.839	1.606	-341.827	636.454	-6061.35	-5058.46	
47250	7251	2174.289	256.031	-30.839	-1.606	44.845	-2943.99	-7824.3	-3185.32	
47251	7251	-2173.1	-302.92	-12.055	-51.038	-44.845	2942.58	-7820.17	-3183.42	
47251	7252	2173.1	329.338	12.055	51.038	138.29	-5393.02	-9692.3	-1194.29	
47252	7252	-2173.13	-329.338	-2.837	-28.161	-138.29	5393.187	-9476.42	-1080.77	
47252	7253	2173.131	362.183	2.837	28.161	165.229	-8676.16	-11954.3	1551.99	
47253	7253	61.103	507.02	-47.505	100.415	21.499	23927.47	-8216.37	8712.03	
47253	7254	-57.599	-478.453	47.505	-100.415	325.646	-20327.3	-8059.81	8583.14	
47254	7254	40.449	421.001	28.781	-16.092	-310.969	20323.79	-8092.67	8547.37	
47254	7255	-35.974	-377.06	-28.781	16.092	-24.13	-15679.7	-7751.97	8245.77	
47255	7255	27.137	377.799	28.787	20.39	20.852	15679.7	-7771.13	8226.61	
47255	7256	-24.274	-341.108	-28.787	-20.39	-310.637	-12062.1	-7047.75	7513.59	
47256	7256	15.549	306.469	-12.423	-14.823	312.623	12061.41	-7067.35	7493.1	
47256	7257	-13.651	-273.02	12.423	14.823	-195.838	-9338.08	-6197.6	6610.69	
47257	7257	8.498	273.229	-12.419	1.73	194.758	9338.114	-8924.49	9356.59	
47257	7258	-7.686	-251.823	12.419	-1.73	-106.001	-7461.93	-7642.34	8037.02	
47258	7258	4.34	251.903	-12.416	9.385	105.791	7461.926	-7653.87	8025.48	
47258	7259	-3.966	-236.727	12.416	-9.385	-42.475	-6216.09	-6592.67	6923.73	

SPAN 9 -- Cumulative Affects thru Day 26

PIER 9 -- Cumulative Affects thru Day 33

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 10 -- Cumulative Affects thru Day 5	47259	7259	66.901	230.449	1.613	16.392	-9.299	-4382.06	4890.37	-4638.06
	47259	7260	-66.648	-206.626	-1.613	-16.392	-3.222	6077.88	6840.31	-6682.28
	47260	7260	64.452	207.323	1.418	-1.728	3.396	-6094.24	7652.03	-6661.9
	47260	7261	-64.452	-181.099	-1.418	1.728	-15.702	7779.981	9703.74	-8569.62
	47261	7261	64.453	181.099	1.345	-10.551	15.702	-7779.97	9703.73	-8569.61
	47261	7262	-64.453	-156.759	-1.345	10.551	-26.536	9140.883	11360.08	-10109.7
	47262	7262	64.457	97.113	0.7	11.853	26.536	-9141.06	11360.3	-10109.9
	47262	7263	-64.457	-62.122	-0.7	-11.853	-34.644	10063.15	12482.58	-11153.4
	47263	7263	64.458	62.122	0.563	-9.586	34.644	-10063.2	12482.58	-11153.4
	47263	7264	-64.458	-27.457	-0.563	9.586	-41.101	10577.06	13108.05	-11735
	47264	7264	64.47	-25.547	1.216	18.503	41.101	-10577.8	13108.95	-11735.7
	47264	7265	-64.47	60.934	-1.216	-18.503	-55.349	10071.3	12492.54	-11162.6
	47265	7265	64.474	-60.934	0.982	-18.136	55.349	-10071.3	12492.56	-11162.6
	47265	7266	-64.474	95.21	-0.982	18.136	-66.489	9185.59	11414.57	-10160.2
	47266	7266	64.473	-150.72	0.554	10.651	66.489	-9186.41	11415.56	-10161.2
	47266	7267	-64.473	185.377	-0.554	-10.651	-72.846	7258.765	9069.44	-7979.7
	47267	7267	64.474	-185.377	0.359	-11.295	72.846	-7258.76	9069.45	-7979.69
	47267	7268	-64.474	220.354	-0.359	11.295	-77.006	4910.197	6211.03	-5321.88
	47268	7268	64.613	-281.415	6.007	10.33	77.006	-4911.12	6212.66	-5322.41
	47268	7269	-64.613	293.486	-6.007	-10.33	-101.005	3762.663	4814.88	-4022.73
	47269	7269	68.354	-292.641	5.849	-1.648	100.993	-3746.3	3793.79	-3566.33
	47269	7270	-68.759	324.52	-5.849	1.648	-158.106	733.093	884.43	-506.6
	47270	7270	75.872	-322.934	5.678	-7.052	157.965	-733.092	905.75	-485.28
	47270	7271	-77.042	356.694	-5.678	7.052	-216.162	-2749.7	-2095.39	2650.65
	47271	7271	89.096	-418.771	-12.598	-19.423	215.507	2758.174	-1527.88	2105.48
	47271	7272	-91.837	465.151	12.598	19.423	-60.733	-8186.61	-4140.08	4920.51
	47272	7272	104.226	-462.525	-12.867	13.103	63.129	8186.606	-4113.53	4947.05
	47272	7273	-108.425	511.314	12.867	-13.103	97.588	-14266.6	-5871.53	6771.56
	47273	7273	121.684	-528.032	22.926	-41.028	-103.248	14269.34	-5846.47	6799.04
	47273	7274	-124.062	550.481	-22.926	41.028	-24.592	-17276.1	-6393.86	7344.1
	47274	7274	132.197	-548.591	22.772	-1.017	28.864	17276.15	-6378.44	7359.56
	47274	7275	-136.221	581.901	-22.772	1.017	-212.17	-21825.3	-6903.43	7855.56
	47275	7275	-2079.42	146.014	26.502	26.407	607.214	3182.214	-7173.89	-2412.3
	47275	7276	2079.42	-125.931	-26.502	-26.407	-752.956	-2434.47	-6643.31	-3000.58
	47276	7276	-3268.2	369.189	-65.441	-22.788	981.875	12473.83	-16577.3	2087.47
	47276	7277	3268.195	-354.461	65.441	22.788	-720.226	-11027.2	-15550.8	949.31
	47277	7277	-3268.3	354.461	-59.857	-9.201	720.226	11313.98	-17790.3	484.45
	47277	7278	3268.302	-319.597	59.857	9.201	-113.84	-7899.7	-15116.4	-2356.53
	47278	7278	-3268.46	319.597	-50.46	13.512	113.84	7899.69	-15116.8	-2356.97
	47278	7279	3268.461	-287.861	50.46	-13.512	351.484	-5098.82	-12923.3	-4687.55
	47279	7279	-3268.11	219.47	-19.846	-6.796	-351.484	5099.494	-12922.9	-4686.03
	47279	7280	3268.11	-179.291	19.846	6.796	583.187	-2771.74	-11099.9	-6622.93
	47280	7280	-3268.16	179.291	-6.19	4.786	-583.187	2771.741	-11100.1	-6623.07
	47280	7281	3268.164	-137.366	6.19	-4.786	658.594	-842.962	-9589.57	-8227.99
	47281	7281	-3268.32	82.821	-2.449	-0.522	-658.594	843.009	-9590.04	-8228.38
	47281	7282	3268.323	-46.535	2.449	0.522	688.941	-41.431	-8962.29	-8895.37
	47282	7282	-3268.32	46.535	6.79	-0.405	-688.941	41.432	-8962.27	-8895.35
47282	7283	3268.316	-12.971	-6.79	0.405	611.102	299.64	-8695.17	-9179.15	
47283	7283	-3268.81	-70.002	-6.71	-1.886	-611.102	-299.814	-8696.39	-9180.66	
47283	7284	3268.814	101.348	6.71	1.886	682.944	-617.433	-9414.72	-8417.43	
47284	7284	-3268.81	-101.348	6.573	0.623	-682.944	617.436	-9414.73	-8417.42	
47284	7285	3268.814	129.794	-6.573	-0.623	619.08	-1740.28	-10294.1	-7483.12	
47285	7285	-3269.14	-193.973	97.818	-11.365	-619.08	1740.14	-10294.8	-7484.11	
47285	7286	3269.136	217.895	-97.818	11.365	-180.117	-3422.66	-11612.5	-6084.1	
47286	7286	-3268.96	-217.895	103.406	-5.514	180.117	3422.677	-11612	-6083.62	
47286	7287	3268.964	239.404	-103.406	5.514	-939.796	-5102.46	-12927.6	-4685.89	
47287	7287	-3268.73	-239.404	110.68	-3.872	939.796	4815.629	-11144.5	-3938.82	
47287	7288	3268.726	264.807	-110.68	3.872	-1826.72	-6835.85	-12578	-2349.43	
47288	7288	107.866	858.454	-20.563	-28.989	328.103	33790.52	-11129.5	12268.6	
47288	7289	-103.439	-812.333	20.563	28.989	-66.663	-23171.9	-9341.46	10467.24	
47289	7289	90.625	813.86	-20.647	46.662	60.051	23171.88	-9366.45	10442.24	
47289	7290	-87.551	-775.523	20.647	-46.662	167.978	-14396.7	-6854.35	7814.04	
47290	7290	65.701	706.376	5.372	-11.846	-163.303	14399.1	-6901.01	7769.86	
47290	7291	-64.298	-681.467	-5.372	11.846	123.679	-9280.59	-4817.52	5538.31	
47291	7291	50.44	682.633	5.348	-1.014	-124.193	9280.591	-4847.3	5508.52	
47291	7292	-49.399	-653.679	-5.348	1.014	77.596	-3459.74	-1874.24	2278.35	
47292	7292	37.621	654.464	5.24	15.455	-77.872	3457.138	-2551.62	2876.97	
47292	7293	-37.4	-642.167	-5.24	-15.455	55.494	-688.22	-432.9	667.96	
47293	7293	28.47	590.524	-1.183	9.181	-55.251	688.374	-458.28	642.83	
47293	7294	-28.375	-570.018	1.183	-9.181	63.695	3453.686	2805.27	-2763.78	
47294	7294	25.744	570.143	-1.23	3.098	-63.652	-3453.7	2797.81	-2771.25	
47294	7295	-25.744	-545.469	1.23	-3.098	74.229	8248.526	6580.67	-6720.03	
47295	7295	25.741	545.469	-1.289	-15.802	-74.229	-8248.51	4874.1	-5015.52	
47295	7296	-25.741	-522.034	1.289	15.802	83.323	12012.76	7072.83	-7329.97	

PIER 10 -- Cumulative Affects thru Day 19

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM
									STRESS	STRESS
SPAN 11 -- Cumulative Affects thru Day 12	47296	7296	3.26	493.981	2.399	19.883	-24.817	-6730.1	3938.2	-4130.9
	47296	7297	-3.26	-457.609	-2.399	-19.883	-1.535	11957.5	6991.57	-7344.97
	47297	7297	3.266	457.609	2.39	-11.611	1.535	-11957.5	6991.59	-7344.96
	47297	7298	-3.266	-419.89	-2.39	11.611	-28.765	16956.46	9911.52	-10418.6
	47298	7298	3.23	348.273	-0.023	44.025	28.765	-16958.4	9912.58	-10419.9
	47298	7299	-3.23	-311.102	0.023	-44.025	-28.508	20660.17	12074.8	-12695.9
	47299	7299	3.23	311.102	-0.035	-31.4	28.508	-20660.2	12074.82	-12695.9
	47299	7300	-3.23	-269.372	0.035	31.4	-28.07	24318.71	14211.78	-14945.3
	47300	7300	3.222	202.546	-0.506	45.568	28.07	-24321.5	14213.38	-14947
	47300	7301	-3.222	-162.207	0.506	-45.568	-21.906	26543.78	15511.44	-16313.4
	47301	7301	3.22	162.207	-0.516	-40.602	21.906	-26543.8	15511.44	-16313.4
	47301	7302	-3.22	-123.642	0.516	40.602	-15.891	28208.72	16483.94	-17337.1
	47302	7302	3.227	55.905	-0.029	52.018	15.891	-28211.5	16485.59	-17338.8
	47302	7303	-3.227	-13.591	0.029	-52.018	-15.521	28655.65	16745.01	-17611.9
	47303	7303	3.227	13.591	-0.041	-54.905	15.521	-28655.6	16745.01	-17611.9
	47303	7304	-3.227	22.991	0.041	54.905	-15.068	28603.71	16714.67	-17580
	47304	7304	3.225	-92.258	-0.15	50.837	15.068	-28606.9	16716.55	-17582
	47304	7305	-3.225	130.51	0.15	-50.837	-13.338	27319.92	15964.8	-16790.6
	47305	7305	3.224	-130.51	-0.161	-46.182	13.338	-27319.9	15964.8	-16790.6
	47305	7306	-3.224	171.124	0.161	46.182	-11.36	25469.69	14884.06	-15653
	47306	7306	3.237	-245.194	0.652	43.976	11.36	-25472.1	14885.52	-15654.5
	47306	7307	-3.237	284.541	-0.652	-43.976	-19.104	22324.09	13046.72	-13718.9
	47307	7307	3.239	-284.541	0.639	-45.35	19.104	-22324.1	13046.73	-13718.9
	47307	7308	-3.239	324.067	-0.639	45.35	-26.729	18690.86	10924.53	-11485
	47308	7308	3.254	-411.504	1.683	26.115	26.729	-18692.4	10925.45	-11485.9
	47308	7309	-3.254	451.233	-1.683	-26.115	-46.921	13515.61	7901.66	-8302.99
47309	7309	3.261	-451.233	1.669	-30.923	46.921	-13515.6	7901.67	-8302.96	
47309	7310	-3.261	490.356	-1.669	30.923	-66.642	7951.96	4651.91	-4882.16	
47310	7310	3.169	-572.899	-4.982	-2.755	66.642	-7952.46	4651.99	-4882.66	
47310	7311	-3.169	617.182	4.982	2.755	0	-7.011	2.81	11.22	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 3 -- Cumulative Affects thru Day 127	48000	8000	-0.008	12.233	-0.064	0.033	0	-0.004	-0.05	-0.53
	48000	8001	0.008	2.969	0.064	-0.033	0.604	43.571	2509.4	-2778.84
	48001	8001	-0.008	-2.969	-0.064	0.058	-0.604	-43.571	2509.4	-2778.84
	48001	8002	0.008	17.748	0.064	-0.058	1.191	-51.154	-2946.75	3261.9
	48002	8002	-0.009	19.916	0.071	0.008	-1.191	51.078	-2942.42	3257
	48002	8003	0.009	-0.36	-0.071	-0.008	0.337	71.595	4123.54	-4566.03
	48003	8003	-0.009	0.36	0.071	0.075	-0.337	-71.595	4123.54	-4566.03
	48003	8004	0.009	19.182	-0.071	-0.075	-0.516	-42.202	-2431.19	2690.99
	48004	8004	-0.011	20.106	-0.019	0.023	0.516	42.391	-2442.12	2702.94
	48004	8005	0.011	-0.545	0.019	-0.023	-0.291	82.582	4756.34	-5266.78
	48005	8005	-0.011	0.545	-0.019	0.032	0.291	-82.582	4756.34	-5266.78
	48005	8006	0.011	19.001	0.019	-0.032	-0.067	-29.019	-1671.9	1850.19
	48006	8006	-0.011	19.743	0.008	0.008	0.067	28.934	-1667.01	1844.78
	48006	8007	0.011	-0.182	-0.008	-0.008	-0.165	91.645	5278.34	-5844.71
	48007	8007	-0.011	0.182	0.008	0.018	0.165	-91.645	5278.34	-5844.71
	48007	8008	0.011	19.364	-0.008	-0.018	-0.263	-24.347	-1402.79	1552.25
	48008	8008	-0.011	19.424	-0.003	-0.002	0.263	24.347	-1402.79	1552.25
	48008	8009	0.011	0.125	0.003	0.002	-0.228	92.369	5320.07	-5890.91
	48009	8009	-0.011	-0.125	-0.003	-0.002	0.228	-92.369	5320.07	-5890.91
	48009	8010	0.011	19.674	0.003	0.002	-0.192	-27.377	-1577.29	1745.45
	48010	8010	-0.012	19.264	0.001	-0.02	0.192	27.588	-1589.5	1758.92
	48010	8011	0.012	0.301	-0.001	0.02	-0.203	87.188	5021.62	-5560.54
	48011	8011	-0.012	-0.301	0.001	-0.011	0.203	-87.188	5021.62	-5560.54
	48011	8012	0.012	19.85	-0.001	0.011	-0.214	-34.689	-1998.48	2211.72
	48012	8012	-0.012	18.574	0.006	-0.025	0.214	34.689	-1998.51	2211.75
	48012	8013	0.012	0.979	-0.006	0.025	-0.289	71.743	4131.96	-4575.55
	48013	8013	-0.012	-0.979	0.006	-0.025	0.289	-71.743	4131.96	-4575.55
	48013	8014	0.012	20.532	-0.006	0.025	-0.364	-58.387	-3363.5	3722.99
	48014	8014	-0.012	20.021	-0.008	-0.033	0.364	58.323	-3359.86	3718.95
	48014	8015	0.012	5.345	0.008	0.033	-0.236	56.853	3274.31	-3626.02
	48015	8015	-0.012	-5.345	-0.008	-0.024	0.236	-56.853	3274.31	-3626.02
	48015	8016	0.012	18.68	0.008	0.024	-0.169	-42.259	-2434.53	2694.48
	48016	8016	-0.63	20.256	-0.02	-0.024	0.343	101.578	-5873	6455.7
	48016	8017	0.63	-1.541	0.02	0.024	-0.109	26.469	1502.54	-1710.08
48017	8017	-0.63	1.541	-0.02	-0.032	0.109	-26.469	1502.54	-1710.08	
48017	8018	0.63	19.562	0.02	0.032	0.153	-92.905	-5373.45	5902.62	
48018	8018	-0.636	19.273	0.086	-0.02	-0.153	93.023	-5380.42	5909.86	
48018	8019	0.636	0.645	-0.086	0.02	-0.928	23.447	1328.21	-1517.55	
48019	8019	-0.636	-0.645	0.086	-0.018	0.928	-23.447	1328.21	-1517.55	
48019	8020	0.636	20.547	-0.086	0.018	-2.008	-108.939	-6297.2	6924.86	
48020	8020	-0.666	21.128	-0.06	-0.022	2.008	108.977	-6300.43	6926.22	
48020	8021	0.666	-5.999	0.06	0.022	-1.434	19.853	1120.14	-1289.41	
48021	8021	-0.666	5.999	-0.061	-0.016	1.434	-19.853	1120.14	-1289.41	
48021	8022	0.666	6.358	0.061	0.016	-0.965	18.458	1039.82	-1200.48	
48022	8022	-0.666	-6.358	-0.061	-0.013	0.965	-18.458	1039.82	-1200.48	
48022	8023	0.666	18.7	0.061	0.013	-0.495	-78.615	-4551.61	4990.02	
48023	8023	-0.663	19.306	-0.087	0	0.495	78.585	-4549.79	4988.23	
48023	8024	0.663	-6.563	0.087	0	0.205	24.887	1410.21	-1610.34	
48024	8024	-0.663	6.563	-0.087	-0.031	-0.205	-24.887	1410.21	-1610.35	
48024	8025	0.663	6.177	0.087	0.031	0.897	26.431	1499.15	-1708.82	
48025	8025	-0.663	-6.177	-0.087	0.002	-0.897	-26.431	1499.16	-1708.82	
48025	8026	0.663	18.92	0.087	-0.002	1.596	-73.952	-4282.93	4692.78	
48026	8026	-0.663	18.984	-0.016	-0.022	-1.596	73.952	-4282.94	4692.78	
48026	8027	0.663	-9.42	0.016	0.022	1.694	11.318	628.64	-745.05	
48027	8027	-0.664	9.42	-0.015	-0.038	-1.694	-11.318	628.64	-745.05	
48027	8028	0.664	0.127	0.015	0.038	1.785	39.167	2232.71	-2520.99	
48028	8028	-0.663	-0.127	-0.016	0.02	-1.785	-39.167	2232.71	-2520.99	
48028	8029	0.663	9.69	0.016	-0.02	1.883	9.695	535.15	-641.55	
48029	8029	-0.664	-9.69	-0.015	0.004	-1.883	-9.695	535.15	-641.55	
48029	8030	0.664	19.253	0.015	-0.004	1.974	-77.18	-4468.84	4898.58	
48030	8030	-0.664	18.529	0.051	-0.002	-1.974	77.141	-4466.63	4896.13	
48030	8031	0.664	-5.793	-0.051	0.002	1.566	20.088	1133.78	-1304.32	
48031	8031	-0.664	5.793	0.051	-0.005	-1.566	-20.088	1133.78	-1304.32	
48031	8032	0.664	6.958	-0.051	0.005	1.157	15.424	865.14	-1006.9	
48032	8032	-0.664	-6.958	0.052	-0.022	-1.157	-15.424	865.14	-1006.9	
48032	8033	0.664	19.692	-0.052	0.022	0.743	-91.101	-5270.68	5786.33	
48033	8033	-0.664	18.706	0.065	0.001	-0.743	91.116	-5271.61	5787.3	
48033	8034	0.664	-6.36	-0.065	-0.001	0.239	6.018	323.32	-407.09	
48034	8034	-0.664	6.36	0.066	-0.007	-0.239	-6.018	323.33	-407.09	
48034	8035	0.664	5.984	-0.066	0.007	-0.273	7.478	407.4	-500.17	
48035	8035	-0.664	-5.984	0.066	-0.004	0.273	-7.478	407.4	-500.17	
48035	8036	0.664	21.114	-0.066	0.004	-0.897	-121.215	-7005.3	7706.75	
48036	8036	-0.677	21.066	-0.041	-0.001	0.897	121.262	-7008.45	7709.32	
48036	8037	0.677	-1.15	0.041	0.001	-0.387	17.63	991.73	-1148.02	
48037	8037	-0.677	1.15	-0.041	0	0.387	-17.63	991.73	-1148.02	
48037	8038	0.677	18.751	0.041	0	0.124	-92.323	-5341.52	5863.8	
48038	8038	-0.684	13.779	-0.148	0.003	-0.124	92.447	-5348.93	5871.48	
48038	8039	0.684	7.328	0.148	-0.003	2.086	-49.71	-2887.32	3146.11	

SPAN 3 -- Cumulative Affects thru Day 127

PIER 3 -- Cumulative Affects thru Day 134

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	48039	8039	-0.027	2.229	0.027	0.016	-0.064	-19.028	1095.07	-1214.38
	48039	8040	0.027	16.141	-0.027	-0.016	-0.254	-62.737	-3614.56	3999.86
	48040	8040	-0.027	18.994	-0.008	0.003	0.254	62.853	-3621.26	4007.27
	48040	8041	0.027	-6.103	0.008	-0.003	-0.186	40.645	2340.23	-2592.95
	48041	8041	-0.027	6.103	-0.008	0.022	0.186	-40.645	2340.23	-2592.95
	48041	8042	0.027	17.763	0.008	-0.022	-0.062	-48.385	-2787.89	3084.61
	48042	8042	-0.026	19.061	0.009	0.014	0.062	48.575	-2798.82	3096.75
	48042	8043	0.026	-0.48	-0.009	-0.014	-0.163	67.588	3892.14	-4311.09
	48043	8043	-0.026	0.48	0.009	0.009	0.163	-67.588	3892.14	-4311.09
	48043	8044	0.026	18.117	-0.009	-0.009	-0.265	-37.345	-2151.97	2380.6
	48044	8044	-0.026	18.59	-0.002	-0.027	0.265	37.013	-2132.9	2359.47
	48044	8045	0.026	-0.009	0.002	0.027	-0.242	73.546	4235.3	-4691.04
	48045	8045	-0.026	0.009	-0.002	0.035	0.242	-73.546	4235.3	-4691.03
	48045	8046	0.026	18.574	0.002	-0.035	-0.219	-36.827	-2122.15	2347.57
	48046	8046	-0.026	18.229	-0.001	-0.032	0.219	36.592	-2108.65	2332.62
	48046	8047	0.026	0.344	0.001	0.032	-0.211	69.677	4012.49	-4444.36
	48047	8047	-0.026	-0.344	-0.001	0.021	0.211	-69.677	4012.49	-4444.36
	48047	8048	0.026	18.934	0.001	-0.021	-0.203	-44.975	-2591.49	2867.2
	48048	8048	-0.026	17.756	0.007	-0.034	0.203	44.848	-2584.16	2859.08
	48048	8049	0.026	0.817	-0.007	0.034	-0.283	55.797	3213.01	-3559.21
	48049	8049	-0.026	-0.817	0.007	0.008	0.283	-55.798	3213.01	-3559.21
	48049	8050	0.026	19.407	-0.007	-0.008	-0.362	-64.485	-3715.25	4111.36
	48050	8050	-0.027	17.572	-0.015	-0.017	0.362	64.258	-3702.2	4096.85
	48050	8051	0.027	6.293	0.015	0.017	-0.13	21.858	1258.05	-1394.85
	48051	8051	-0.027	-6.293	-0.015	-0.016	0.13	-21.858	1258.05	-1394.85
	48051	8052	0.027	19.183	0.015	0.016	-0.004	-83.197	-4793.12	5304.66
	48052	8052	-0.027	16.519	-0.017	-0.014	0.004	83.273	-4797.47	5309.5
	48052	8053	0.027	1.858	0.017	0.014	0.199	2.924	167.45	-187.38
	48053	8053	-0.036	2.511	-0.043	-0.011	-0.066	-4.811	275.87	-308.11
	48053	8054	0.036	17.55	0.043	0.011	0.63	-94.776	-5460.38	6042.74
	48054	8054	-0.042	18.454	0.098	0.002	-0.63	94.921	-5468.94	6051.77
	48054	8055	0.042	0.49	-0.098	-0.002	-0.59	17.414	1001.54	-1111.97
	48055	8055	-0.042	-0.49	0.098	-0.011	0.59	-17.414	1001.54	-1111.97
	48055	8056	0.042	19.418	-0.098	0.011	-1.811	-106.971	-6163.03	6820.23
	48056	8056	-0.027	20.019	-0.088	0.004	1.811	106.944	-6160.94	6819.03
	48056	8057	0.027	-5.633	0.088	-0.004	-0.975	14.877	855.98	-949.7
	48057	8057	-0.027	5.633	-0.088	-0.007	0.975	-14.877	855.97	-949.71
	48057	8058	0.027	6.11	0.088	0.007	-0.294	13.028	749.44	-831.76
	48058	8058	-0.027	-6.11	-0.088	-0.007	0.294	-13.028	749.44	-831.76
	48058	8059	0.027	17.852	0.088	0.007	0.388	-79.855	-4600.59	5091.49
	48059	8059	-0.027	18.515	-0.07	0.002	-0.388	79.845	-4600	5090.85
	48059	8060	0.027	-6.397	0.07	-0.002	0.946	19.809	1140.05	-1264.21
	48060	8060	-0.027	6.397	-0.07	0.002	-0.946	-19.809	1140.05	-1264.21
	48060	8061	0.027	5.721	0.07	-0.002	1.504	22.516	1295.97	-1436.83
	48061	8061	-0.027	-5.721	-0.07	0.002	-1.504	-22.516	1295.97	-1436.83
	48061	8062	0.027	17.838	0.07	-0.002	2.062	-71.724	-4132.24	4572.97
	48062	8062	-0.03	18.152	-0.001	0.031	-2.062	71.477	-4118.11	4557.15
	48062	8063	0.03	-9.071	0.001	-0.031	2.069	10.128	582.33	-646.91
48063	8063	-0.03	9.071	-0.001	0.031	-2.069	-10.128	582.33	-646.91	
48063	8064	0.03	0.011	0.001	-0.031	2.076	37.288	2146.73	-2378.92	
48064	8064	-0.03	-0.011	-0.001	-0.036	-2.076	-37.288	2146.72	-2378.92	
48064	8065	0.03	9.106	0.001	0.036	2.082	9.918	570.22	-633.5	
48065	8065	-0.03	-9.106	-0.001	-0.018	-2.082	-9.918	570.22	-633.5	
48065	8066	0.03	18.187	0.001	0.018	2.089	-71.897	-4142.32	4583.95	
48066	8066	-0.028	17.867	0.085	-0.008	-2.089	72.067	-4152.02	4594.84	
48066	8067	0.028	-5.738	-0.085	0.008	1.407	22.443	1291.75	-1432.19	
48067	8067	-0.028	5.738	0.085	-0.006	-1.407	-22.443	1291.75	-1432.19	
48067	8068	0.028	6.375	-0.085	0.006	0.725	19.895	1144.96	-1269.67	
48068	8068	-0.028	-6.375	0.085	0.019	-0.725	-19.895	1144.95	-1269.67	
48068	8069	0.028	18.49	-0.085	-0.019	0.044	-79.546	-4582.85	5071.82	
48069	8069	-0.031	17.691	0.066	0	-0.044	79.603	-4586.21	5075.31	
48069	8070	0.031	-5.957	-0.066	0	-0.465	11.998	689.98	-766.18	
48070	8070	-0.031	5.957	0.066	-0.001	0.465	-11.998	689.98	-766.18	
48070	8071	0.031	5.792	-0.066	0.001	-0.974	12.641	727.01	-807.18	
48071	8071	-0.031	-5.792	0.066	0.019	0.974	-12.64	727.01	-807.19	
48071	8072	0.031	20.183	-0.066	-0.019	-1.598	-110.761	-6380.91	7062.29	
48072	8072	-0.008	20.119	-0.044	0	1.598	110.703	-6376.79	7059.45	
48072	8073	0.008	-1.196	0.044	0	-1.054	22.446	1292.63	-1431.69	
48073	8073	-0.008	1.196	-0.044	0.017	1.054	-22.446	1292.63	-1431.69	
48073	8074	0.008	17.743	0.044	-0.017	-0.51	-80.999	-4665.82	5165.16	
48074	8074	-0.012	12.536	-0.215	0.011	0.51	81.051	-4668.94	5168.33	
48074	8075	0.012	7.526	0.215	-0.011	2.334	-47.872	-2757.83	3052.46	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	48075	8075	-0.009	2.816	0.025	0.021	0.149	-34.418	1982.15	-2195.21
	48075	8076	0.009	14.594	-0.025	-0.021	-0.441	-34.792	-2004.37	2218.43
	48076	8076	-0.01	16.796	-0.019	0.04	0.441	34.806	-2005.18	2219.3
	48076	8077	0.01	-4.568	0.019	-0.04	-0.286	53.356	3072.99	-3402.96
	48077	8077	-0.01	4.568	-0.019	0.008	0.286	-53.356	3072.99	-3402.96
	48077	8078	0.01	15.938	0.019	-0.008	-0.025	-25.333	-1459.51	1615.16
	48078	8078	-0.01	16.974	0.006	-0.016	0.025	25.403	-1463.54	1619.63
	48078	8079	0.01	-0.414	-0.006	0.016	-0.097	71.775	4133.88	-4577.52
	48079	8079	-0.01	0.414	0.006	0.048	0.097	-71.775	4133.88	-4577.52
	48079	8080	0.01	16.146	-0.006	-0.048	-0.168	-16.155	-930.88	1029.9
	48080	8080	-0.01	16.322	-0.001	0.011	0.168	16.155	-930.88	1029.9
	48080	8081	0.01	0.234	0.001	-0.011	-0.158	73.738	4246.99	-4702.75
	48081	8081	-0.01	-0.234	-0.001	0.007	0.158	-73.738	4246.99	-4702.75
	48081	8082	0.01	16.804	0.001	-0.007	-0.148	-21.544	-1241.29	1373.57
	48082	8082	-0.01	17.548	0	0.002	0.148	21.371	-1231.32	1362.52
	48082	8083	0.01	0.238	0	-0.002	-0.148	82.543	4754.14	-5264.24
	48083	8083	-0.01	-0.238	0	-0.001	0.148	-82.543	4754.14	-5264.24
	48083	8084	0.01	18.039	0	0.001	-0.149	-27.268	-1571	1738.59
	48084	8084	-0.01	16.32	-0.004	-0.006	0.149	27.28	-1571.69	1739.36
	48084	8085	0.01	0.232	0.004	0.006	-0.11	62.591	3604.91	-3991.88
	48085	8085	-0.01	-0.232	-0.004	-0.009	0.11	-62.591	3604.91	-3991.88
	48085	8086	0.01	16.799	0.004	0.009	-0.071	-32.631	-1879.91	2080.6
	48086	8086	-0.01	15.783	0.008	-0.015	0.071	32.471	-1870.68	2070.38
	48086	8087	0.01	0.783	-0.008	0.015	-0.158	51.399	2960.26	-3278.16
	48087	8087	-0.01	-0.783	0.008	-0.013	0.158	-51.399	2960.26	-3278.16
	48087	8088	0.01	17.335	-0.008	0.013	-0.245	-49.814	-2869.65	3176.38
	48088	8088	-0.01	14.93	-0.02	-0.017	0.245	49.815	-2869.67	3176.4
	48088	8089	0.01	4.807	0.02	0.017	0.015	17.614	1014.23	-1123.63
	48089	8089	-0.01	-4.807	-0.02	-0.023	-0.015	-17.614	1014.22	-1123.63
	48089	8090	0.01	17.025	0.02	0.023	0.177	-72.415	-4171.43	4617.64
	48090	8090	-0.01	15.146	-0.002	-0.015	-0.177	72.442	-4173.04	4619.4
	48090	8091	0.01	2.263	0.002	0.015	0.204	3.249	186.77	-207.53
	48091	8091	-0.022	1.892	-0.01	-0.015	-0.22	-5.306	304.9	-339.16
	48091	8092	0.022	17.446	0.01	0.015	0.358	-97.757	-5631.58	6233.37
	48092	8092	-0.019	17.96	0.04	-0.008	-0.358	97.612	-5623.13	6224.23
	48092	8093	0.019	0.279	-0.04	0.008	-0.141	12.883	741.41	-822.22
	48093	8093	-0.019	-0.279	0.04	-0.008	0.141	-12.883	741.41	-822.22
	48093	8094	0.019	18.518	-0.04	0.008	-0.639	-104.59	-6025.03	6669.19
	48094	8094	0.002	19.21	-0.049	-0.006	0.639	104.551	-6022.05	6667.4
	48094	8095	-0.002	-5.352	0.049	0.006	-0.174	12.078	695.73	-770.14
48095	8095	0.002	5.352	-0.049	-0.013	0.174	-12.078	695.73	-770.14	
48095	8096	-0.002	5.966	0.049	0.013	0.206	9.696	558.56	-618.27	
48096	8096	0.002	-5.966	-0.049	0	-0.206	-9.696	558.56	-618.27	
48096	8097	-0.002	17.269	0.049	0	0.585	-80.289	-4624.6	5120.23	
48097	8097	0.002	17.804	0.021	-0.007	-0.585	80.284	-4624.28	5119.88	
48097	8098	-0.002	-6.124	-0.021	0.007	0.413	15.481	891.75	-987.16	
48098	8098	0.002	6.124	0.021	0.013	-0.413	-15.481	891.75	-987.16	
48098	8099	-0.002	5.542	-0.021	-0.013	0.242	17.807	1025.74	-1135.51	
48099	8099	0.002	-5.542	0.021	-0.01	-0.242	-17.807	1025.74	-1135.51	
48099	8100	-0.002	17.222	-0.021	0.01	0.071	-73.299	-4221.98	4674.47	
48100	8100	0.003	17.458	-0.001	0	-0.071	73.322	-4223.22	4675.94	
48100	8101	-0.003	-8.712	0.001	0	0.079	5.101	293.95	-325.22	
48101	8101	0.003	8.712	-0.001	0	-0.079	-5.101	293.95	-325.22	
48101	8102	-0.003	0.048	0.001	0	0.087	31.107	1791.87	-1983.63	
48102	8102	0.003	-0.048	-0.001	0	-0.087	-31.107	1791.87	-1983.63	
48102	8103	-0.003	8.809	0.001	0	0.094	4.521	260.5	-288.18	
48103	8103	0.003	-8.809	-0.001	-0.008	-0.094	-4.521	260.5	-288.18	
48103	8104	-0.003	17.569	0.001	0.008	0.102	-74.652	-4299.85	4760.78	
48104	8104	-0.007	17.13	-0.024	0.011	-0.102	74.487	-4290.68	4749.91	
48104	8105	0.007	-5.465	0.024	-0.011	0.294	15.82	910.98	-1009.07	
48105	8105	-0.007	5.465	-0.024	-0.009	-0.294	-15.82	910.98	-1009.07	
48105	8106	0.007	6.214	0.024	0.009	0.487	12.822	738.33	-817.92	
48106	8106	-0.007	-6.214	-0.024	-0.009	-0.487	-12.822	738.33	-817.92	
48106	8107	0.007	17.878	0.024	0.009	0.679	-83.467	-4807.92	5322.56	
48107	8107	-0.009	17.104	0.041	0.005	-0.679	83.494	-4809.58	5324.26	
48107	8108	0.009	-5.79	-0.041	-0.005	0.363	5.258	302.57	-335.62	
48108	8108	-0.009	5.79	0.041	0.005	-0.363	-5.258	302.57	-335.62	
48108	8109	0.009	5.525	-0.041	-0.005	0.047	6.286	361.8	-401.19	
48109	8109	-0.008	-5.525	0.041	-0.003	-0.047	-6.286	361.8	-401.19	
48109	8110	0.008	19.379	-0.041	0.003	-0.339	-111.927	-6447.28	7137.44	
48110	8110	-0.033	19.219	-0.011	0.011	0.339	111.98	-6451.19	7139.95	
48110	8111	0.033	-0.973	0.011	-0.011	-0.198	14.259	820.16	-910.46	
48111	8111	-0.033	0.973	-0.011	0	0.198	-14.259	820.16	-910.47	
48111	8112	0.033	17.273	0.011	0	-0.056	-87.649	-5049.74	5588.35	
48112	8112	-0.035	12.158	-0.109	0.013	0.056	87.675	-5051.29	5589.95	
48112	8113	0.035	7.168	0.109	-0.013	1.384	-54.634	-3148.13	3482.88	

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	48113	8113	-0.02	2.392	0.015	0.011	0.119	-21.407	1232.32	-1365.86
	48113	8114	0.02	14.721	-0.015	-0.011	-0.294	-51.045	-2940.91	3254.5
	48114	8114	-0.021	17.036	-0.009	-0.034	0.294	51.055	-2941.46	3255.1
	48114	8115	0.021	-5.022	0.009	0.034	-0.221	39.949	2300.32	-2548.31
	48115	8115	-0.021	5.022	-0.009	0.048	0.221	-39.949	2300.32	-2548.3
	48115	8116	0.021	15.133	0.009	-0.048	-0.098	-30.032	-1730.54	1914.44
	48116	8116	-0.021	16.872	0.004	0.045	0.098	30.051	-1731.64	1915.66
	48116	8117	0.021	-0.606	-0.004	-0.045	-0.145	67.581	3891.92	-4310.43
	48117	8117	-0.02	0.606	0.004	-0.017	0.145	-67.581	3891.92	-4310.43
	48117	8118	0.02	15.675	-0.004	0.017	-0.192	-16.672	-961.02	1062.47
	48118	8118	-0.021	16.207	-0.004	0.039	0.192	16.672	-961.01	1062.46
	48118	8119	0.021	0.072	0.004	-0.039	-0.143	73.535	4234.91	-4690.17
	48119	8119	-0.021	-0.072	-0.004	-0.025	0.143	-73.535	4234.91	-4690.17
	48119	8120	0.021	16.337	0.004	0.025	-0.094	-18.119	-1044.37	1154.75
	48120	8120	-0.021	17.378	-0.001	0.034	0.094	18.371	-1058.92	1170.84
	48120	8121	0.021	0.11	0.001	-0.034	-0.081	85.337	4914.68	-5442.79
	48121	8121	-0.021	-0.11	-0.001	-0.037	0.081	-85.337	4914.68	-5442.79
	48121	8122	0.021	17.598	0.001	0.037	-0.07	-21.008	-1210.8	1339
	48122	8122	-0.021	16.119	-0.004	0.021	0.07	21.008	-1210.8	1339
	48122	8123	0.021	0.16	0.004	-0.021	-0.026	68.21	3928.16	-4350.57
	48123	8123	-0.021	-0.16	-0.004	-0.04	0.026	-68.21	3928.16	-4350.57
	48123	8124	0.021	16.438	0.004	0.04	0.017	-24.576	-1416.31	1566.53
	48124	8124	-0.021	15.494	0	-0.015	-0.017	24.585	-1416.81	1567.08
	48124	8125	0.021	0.77	0	0.015	0.022	57.648	3319.77	-3676.99
	48125	8125	-0.021	-0.77	0	-0.016	-0.022	-57.648	3319.77	-3676.99
	48125	8126	0.021	17.049	0	0.016	0.026	-41.968	-2418.06	2675.61
	48126	8126	-0.021	14.682	-0.009	-0.026	-0.026	42.154	-2428.82	2687.49
	48126	8127	0.021	4.916	0.009	0.026	0.147	23.576	1357.21	-1504.19
	48127	8127	-0.021	-4.916	-0.009	-0.006	-0.147	-23.576	1357.21	-1504.19
	48127	8128	0.021	16.927	0.009	0.006	0.221	-66.529	-3832.79	4241.88
	48128	8128	-0.024	14.849	-0.029	-0.009	-0.221	66.362	-3823.34	4231.17
	48128	8129	0.024	2.259	0.029	0.009	0.561	7.61	437.51	-486.19
	48129	8129	-0.038	2.117	-0.073	-0.016	-0.644	-9.307	534.76	-594.84
	48129	8130	0.038	17.181	0.073	0.016	1.615	-90.491	-5213.61	5769.42
	48130	8130	-0.023	17.214	0.096	-0.008	-1.615	90.38	-5206.65	5762.84
	48130	8131	0.023	0.992	-0.096	0.008	0.418	11.007	633.23	-702.74
	48131	8131	-0.023	-0.992	0.096	-0.008	-0.418	-11.007	633.23	-702.74
	48131	8132	0.023	19.198	-0.096	0.008	-0.779	-115.18	-6635.14	7344.38
	48132	8132	-2.297	-18.199	-0.016	-0.02	0.779	82.698	-4843.98	5193.13
	48132	8133	2.297	-4.362	0.016	0.02	-0.629	24.466	1328.62	-1640.82
	48133	8133	-2.297	4.362	-0.019	0.017	0.629	-24.466	1328.62	-1640.82
	48133	8134	2.297	6.926	0.019	-0.017	-0.48	14.532	756.46	-1007.35
	48134	8134	-2.297	-6.926	-0.016	-0.002	0.48	-14.532	756.46	-1007.35
	48134	8135	2.297	18.213	0.016	0.002	-0.354	-82.88	-4854.52	5204.8
	48135	8135	-2.297	18.113	0.047	-0.011	0.354	83.052	-4864.4	5215.74
	48135	8136	2.297	-6.461	-0.047	0.011	-0.727	15.245	797.53	-1052.83
	48136	8136	-2.297	6.461	0.047	-0.011	0.727	-15.245	797.53	-1052.83
	48136	8137	2.297	5.191	-0.047	0.011	-1.1	20.328	1090.31	-1376.97
48137	8137	-2.297	-5.191	0.044	0.015	1.1	-20.328	1090.31	-1376.98	
48137	8138	2.297	16.842	-0.044	-0.015	-1.45	-67.804	-3986.1	4243.34	
48138	8138	-2.297	17.32	-0.05	-0.021	1.45	67.803	-3986.08	4243.32	
48138	8139	2.297	-8.581	0.05	0.021	-1.15	9.901	489.68	-711.97	
48139	8139	-2.297	8.581	-0.046	-0.038	1.15	-9.901	489.67	-711.97	
48139	8140	2.297	0.158	0.046	0.038	-0.873	35.171	1945.26	-2323.52	
48140	8140	-2.297	-0.158	-0.05	0.021	0.873	-35.171	1945.26	-2323.51	
48140	8141	2.297	8.897	0.05	-0.021	-0.573	8.009	380.69	-591.32	
48141	8141	-2.297	-8.897	-0.05	0.021	0.573	-8.009	380.69	-591.32	
48141	8142	2.297	17.635	0.05	-0.021	-0.273	-71.587	-4204.04	4484.64	
48142	8142	-2.297	17.036	-0.038	-0.015	0.273	71.587	-4204.03	4484.62	
48142	8143	2.297	-5.384	0.038	0.015	0.028	18.09	961.39	-1234.23	
48143	8143	-2.297	5.384	-0.041	0.007	-0.028	-18.09	961.39	-1234.23	
48143	8144	2.297	6.268	0.041	-0.007	0.353	14.553	757.64	-1008.65	
48144	8144	-2.297	-6.268	-0.038	-0.011	-0.353	-14.553	757.64	-1008.65	
48144	8145	2.297	17.92	0.038	0.011	0.654	-82.199	-4815.28	5161.36	
48145	8145	-2.297	17.064	0.008	-0.006	-0.654	82.199	-4815.28	5161.36	
48145	8146	2.297	-5.776	-0.008	0.006	0.595	6.307	282.69	-482.82	
48146	8146	-2.297	5.776	0.005	0.002	-0.595	-6.307	282.69	-482.82	
48146	8147	2.297	5.511	-0.005	-0.002	0.559	7.334	341.82	-548.28	
48147	8147	-2.297	-5.511	0.006	-0.003	-0.559	-7.334	341.82	-548.28	
48147	8148	2.297	19.348	-0.006	0.003	0.5	-110.749	-6459.72	6981.99	
48148	8148	-2.297	19.394	0.013	-0.005	-0.5	110.748	-6459.71	6981.98	
48148	8149	2.297	-1.188	-0.013	0.005	0.332	17.894	950.11	-1221.75	
48149	8149	-2.297	1.188	0.012	0.009	-0.332	-17.894	950.11	-1221.75	
48149	8150	2.297	17.018	-0.012	-0.009	0.187	-81.038	-4748.38	5087.3	
48150	8150	-2.297	10.848	-0.037	0.014	-0.187	81.038	-4748.38	5087.3	
48150	8151	2.297	8.451	0.037	-0.014	0.671	-65.159	-3833.74	4074.66	

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	48151	8151	-1.39	2.713	0.002	0.004	-0.169	-27.748	1549.51	-1818.3
	48151	8152	1.39	15.137	-0.002	-0.004	0.144	-45.242	-2654.7	2836.36
	48152	8152	-1.39	17.509	0.003	0.035	-0.144	45.242	-2654.72	2836.39
	48152	8153	1.39	-4.976	-0.003	-0.035	0.121	47.506	2687.57	-3078.29
	48153	8153	-1.39	4.976	0.004	0	-0.121	-47.506	2687.57	-3078.29
	48153	8154	1.39	15.913	-0.004	0	0.068	-27.691	-1643.76	1717.1
	48154	8154	-1.39	17.32	0.004	-0.023	-0.068	27.691	-1643.75	1717.1
	48154	8155	1.39	-0.609	-0.004	0.023	0.03	70.923	4036.39	-4571.63
	48155	8155	-1.39	0.609	0.002	0.042	-0.03	-70.923	4036.39	-4571.63
	48155	8156	1.39	16.102	-0.002	-0.042	0.005	-14.285	-871.57	862.19
	48156	8156	-1.39	15.581	0.002	0.003	-0.005	14.284	-871.56	862.17
	48156	8157	1.39	-0.389	-0.002	-0.003	-0.018	65.569	3728	-4230.2
	48157	8157	-1.39	0.389	0.002	0.003	0.018	-65.569	3728	-4230.2
	48157	8158	1.39	14.802	-0.002	-0.003	-0.041	-6.496	-422.92	365.47
	48158	8158	-1.39	14.354	0.002	-0.035	0.041	6.495	-422.91	365.45
	48158	8159	1.39	0.838	-0.002	0.035	-0.061	61.084	3469.66	-3944.18
	48159	8159	-1.39	-0.838	0.001	0.026	0.061	-61.084	3469.66	-3944.18
	48159	8160	1.39	16.03	-0.001	-0.026	-0.067	-23.255	-1388.24	1434.21
	48160	8160	-1.39	15.654	0.001	0.015	0.067	23.439	-1398.89	1445.99
	48160	8161	1.39	1.057	-0.001	-0.015	-0.075	56.848	3225.68	-3674.07
	48161	8161	-1.39	-1.057	0.002	-0.037	0.075	-56.848	3225.68	-3674.07
	48161	8162	1.39	17.768	-0.002	0.037	-0.097	-46.685	-2737.84	2928.4
	48162	8162	-1.39	15.619	-0.002	-0.021	0.097	46.685	-2737.85	2928.4
	48162	8163	1.39	5.27	0.002	0.021	-0.073	24.462	1360.21	-1608.73
	48163	8163	-1.39	-5.27	-0.003	-0.003	0.073	-24.462	1360.21	-1608.73
	48163	8164	1.39	17.803	0.003	0.003	-0.05	-70.716	-4122.04	4460.9
	48164	8164	-1.39	15.551	0.007	-0.013	0.05	70.716	-4122.03	4460.89
	48164	8165	1.39	2.299	-0.007	0.013	-0.127	7.138	362.4	-504.01
	48165	8165	-1.687	2.392	-0.019	-0.008	0.226	-8.656	439.37	-611.2
	48165	8166	1.687	18.273	0.019	0.008	0.03	-96.555	-5620.78	6098.25
	48166	8166	-1.686	18.969	0.005	0.005	-0.03	96.418	-5612.81	6098.56
	48166	8167	1.686	0.527	-0.005	-0.005	-0.033	18.845	1026.33	-1260.92
	48167	8167	-1.686	-0.527	0.006	-0.01	0.033	-18.845	1026.33	-1260.92
	48167	8168	1.686	20.023	-0.006	0.01	-0.112	-109.592	-6371.65	6929.7
48168	8168	-1.68	20.634	-0.004	0	0.112	109.478	-6364.88	6922.64	
48168	8169	1.68	-5.817	0.004	0	-0.07	16.167	872.28	-1089.93	
48169	8169	-1.68	5.817	-0.006	0.011	0.07	-16.167	872.28	-1089.93	
48169	8170	1.68	6.27	0.006	-0.011	-0.027	14.412	771.19	-978.01	
48170	8170	-1.68	-6.27	-0.003	-0.007	0.027	-14.412	771.19	-978.01	
48170	8171	1.68	18.358	0.003	0.007	0	-81.022	-4725.78	5107.92	
48171	8171	-1.677	19.114	0.003	-0.005	0	80.874	-4717.2	5098.59	
48171	8172	1.677	-6.636	-0.003	0.005	-0.021	22.126	1215.6	-1469.86	
48172	8172	-1.677	6.636	0.001	0.023	0.021	-22.126	1215.6	-1469.86	
48172	8173	1.677	5.841	-0.001	-0.023	-0.026	25.306	1398.79	-1672.68	
48173	8173	-1.677	-5.841	0.003	-0.009	0.026	-25.306	1398.79	-1672.68	
48173	8174	1.677	18.319	-0.003	0.009	-0.047	-71.333	-4167.63	4490.14	
48174	8174	-1.678	18.671	-0.002	0.028	0.047	71.169	-4158.2	4479.66	
48174	8175	1.678	-9.313	0.002	-0.028	-0.038	12.781	677.33	-873.95	
48175	8175	-1.678	9.313	-0.002	0.028	0.038	-12.781	677.33	-873.95	
48175	8176	1.678	0.045	0.002	-0.028	-0.029	40.583	2278.68	-2646.89	
48176	8176	-1.678	-0.045	0.001	-0.04	0.029	-40.583	2278.68	-2646.89	
48176	8177	1.678	9.404	-0.001	0.04	-0.036	12.236	645.89	-839.15	
48177	8177	-1.678	-9.404	-0.002	-0.019	0.036	-12.236	645.89	-839.15	
48177	8178	1.678	18.762	0.002	0.019	-0.027	-72.26	-4221.06	4549.26	
48178	8178	-1.678	18.289	-0.008	0.017	0.027	72.097	-4211.68	4538.83	
48178	8179	1.678	-5.812	0.008	-0.017	0.033	24.306	1341.12	-1608.91	
48179	8179	-1.678	5.812	-0.005	-0.014	-0.033	-24.306	1341.12	-1608.91	
48179	8180	1.678	6.666	0.005	0.014	0.077	20.889	1144.3	-1391	
48180	8180	-1.678	-6.666	-0.005	-0.014	-0.077	-20.889	1144.3	-1391	
48180	8181	1.678	19.143	0.005	0.014	0.121	-82.348	-4802.12	5192.54	
48181	8181	-1.675	18.167	0.008	0.007	-0.121	82.204	-4793.74	5183.48	
48181	8182	1.675	-6.079	-0.008	-0.007	0.059	11.749	617.93	-808.01	
48182	8182	-1.675	6.079	0.01	-0.008	-0.059	-11.749	617.93	-808.01	
48182	8183	1.675	6.008	-0.01	0.008	-0.02	12.022	633.7	-825.47	
48183	8183	-1.675	-6.008	0.009	-0.001	0.02	-12.022	633.7	-825.47	
48183	8184	1.675	20.825	-0.009	0.001	-0.107	-115.439	-6708.05	7302.89	
48184	8184	-1.665	20.726	-0.02	0.013	0.107	115.334	-6701.65	7296.56	
48184	8185	1.665	-1.23	0.02	-0.013	0.144	21.89	1202.42	-1454.37	
48185	8185	-1.665	1.23	-0.019	-0.005	-0.144	-21.89	1202.41	-1454.37	
48185	8186	1.665	18.266	0.019	0.005	0.379	-84.587	-4930.65	5335.81	
48186	8186	-1.663	12.962	0.022	0.003	-0.379	84.467	-4923.64	5328.21	
48186	8187	1.663	7.703	-0.022	-0.003	0.092	-49.627	-2916.89	3106.46	

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	48187	8187	-1.304	3.159	0.001	0.021	-0.044	-38.699	2183.27	-2513.63
	48187	8188	1.304	15.957	-0.001	-0.021	0.03	-36.495	-2147.87	2281.56
	48188	8188	-1.304	18.32	0.002	-0.003	-0.03	36.334	-2138.59	2271.29
	48188	8189	1.304	-4.899	-0.002	0.003	0.014	59.445	3378.3	-3836.69
	48189	8189	-1.304	4.899	0.001	0.026	-0.014	-59.445	3378.3	-3836.69
	48189	8190	1.304	17.471	-0.001	-0.026	-0.003	-26.988	-1600.27	1675.3
	48190	8190	-1.305	18.386	0.003	0.045	0.003	26.799	-1589.38	1663.22
	48190	8191	1.305	-0.49	-0.003	-0.045	-0.036	77.016	4390.36	-4957.21
	48191	8191	-1.305	0.49	0.004	-0.025	0.036	-77.016	4390.36	-4957.21
	48191	8192	1.305	17.406	-0.004	0.025	-0.083	-16.022	-968.63	975.96
	48192	8192	-1.304	16.524	0	0.003	0.083	15.827	-957.38	963.51
	48192	8193	1.304	-0.32	0	-0.003	-0.082	68.054	3874.12	-4385.65
	48193	8193	-1.304	0.32	0	0.003	0.082	-68.054	3874.12	-4385.65
	48193	8194	1.304	15.9	0	-0.003	-0.081	-9.614	-599.57	567.36
	48194	8194	-1.304	15.254	0.001	-0.004	0.081	9.615	-599.59	567.39
	48194	8195	1.304	0.966	-0.001	0.004	-0.093	61.611	3503.01	-3974.78
	48195	8195	-1.304	-0.966	0.001	-0.004	0.093	-61.611	3503.01	-3974.78
	48195	8196	1.304	17.186	-0.001	0.004	-0.105	-28.877	-1709.09	1795.76
	48196	8196	-1.304	16.717	-0.002	-0.011	0.105	28.882	-1697.88	1783.35
	48196	8197	1.304	1.179	0.002	0.011	-0.088	56.776	3224.51	-3666.44
	48197	8197	-1.304	-1.179	-0.002	-0.011	0.088	-56.776	3224.51	-3666.44
	48197	8198	1.304	19.075	0.002	0.011	-0.071	-54.619	-3191.8	3437.34
	48198	8198	-1.305	16.841	0.001	-0.021	0.071	54.429	-3180.88	3425.22
	48198	8199	1.305	5.528	-0.001	0.021	-0.079	23.35	1299.2	-1534.87
	48199	8199	-1.305	-5.528	0	-0.004	0.079	-23.35	1299.2	-1534.87
	48199	8200	1.305	18.934	0	0.004	-0.076	-77.433	-4505.9	4892.21
	48200	8200	-1.304	16.816	-0.006	-0.014	0.076	77.601	-4515.61	4902.99
	48200	8201	1.304	2.3	0.006	0.014	-0.004	7.682	396.7	-535.63
	48201	8201	-1.485	2.715	-0.041	-0.009	0.183	-10.707	564.58	-734.89
	48201	8202	1.485	19.683	0.041	0.009	0.36	-101.706	-5910.37	6433.8
	48202	8202	-1.492	20.46	0.057	-0.003	-0.36	101.857	-5919.32	6443.25
	48202	8203	1.492	0.671	-0.057	0.003	-0.351	21.826	1204.85	-1444.22
	48203	8203	-1.492	-0.671	0.057	-0.003	0.351	-21.826	1204.85	-1444.22
	48203	8204	1.492	21.802	-0.057	0.003	-1.062	-118.629	-6885.35	7512.78
	48204	8204	-1.52	22.383	-0.044	0.003	1.062	118.687	-6889.71	7515.54
	48204	8205	1.52	-6.324	0.044	-0.003	-0.644	17.671	964.56	-1180.26
	48205	8205	-1.52	6.324	-0.043	-0.007	0.644	-17.671	964.56	-1180.26
	48205	8206	1.52	6.777	0.043	0.007	-0.31	15.913	863.28	-1068.13
	48206	8206	-1.52	-6.777	-0.043	-0.007	0.31	-15.913	863.28	-1068.13
	48206	8207	1.52	19.879	0.043	0.007	0.024	-87.379	-5086.37	5518.98
48207	8207	-1.529	20.619	-0.028	0.001	-0.024	87.528	-5095.24	5528.13	
48207	8208	1.529	-7.095	0.028	-0.001	0.251	23.331	1290.23	-1541.49	
48208	8208	-1.529	7.095	-0.028	0.001	-0.251	-23.331	1290.23	-1541.49	
48208	8209	1.529	6.428	0.028	-0.001	0.478	26	1443.94	-1711.67	
48209	8209	-1.529	-6.428	-0.028	0.001	-0.478	-26	1443.94	-1711.67	
48209	8210	1.529	19.952	0.028	-0.001	0.704	-79.522	-4634.09	5017.58	
48210	8210	-1.519	20.274	-0.01	0.029	-0.704	79.715	-4644.85	5030.22	
48210	8211	1.519	-10.131	0.01	-0.029	0.762	11.499	609.05	-786.61	
48211	8211	-1.519	10.131	-0.01	0.029	-0.762	-11.499	609.05	-786.61	
48211	8212	1.519	0.012	0.01	-0.029	0.821	41.856	2357.6	-2722.5	
48212	8212	-1.519	-0.012	-0.007	-0.04	-0.821	-41.856	2357.6	-2722.5	
48212	8213	1.519	10.155	0.007	0.04	0.864	11.356	600.78	-777.45	
48213	8213	-1.519	-10.155	-0.01	-0.021	-0.864	-11.356	600.79	-777.46	
48213	8214	1.519	20.298	0.01	0.021	0.922	-80.002	-4661.39	5048.53	
48214	8214	-1.506	19.968	0.015	-0.002	-0.922	80.206	-4672.68	5062	
48214	8215	1.506	-6.444	-0.015	0.002	0.806	25.445	1412.82	-1675.51	
48215	8215	-1.506	6.444	0.015	-0.002	-0.806	-25.445	1412.82	-1675.51	
48215	8216	1.506	7.08	-0.015	0.002	0.689	22.902	1266.33	-1513.33	
48216	8216	-1.506	-7.08	0.015	-0.002	-0.689	-22.902	1266.33	-1513.33	
48216	8217	1.506	20.604	-0.015	0.002	0.573	-87.835	-5112.15	5548.55	
48217	8217	-1.505	19.661	0.045	0.004	-0.573	87.823	-5111.44	5547.79	
48217	8218	1.505	-6.56	-0.045	-0.004	0.221	13.787	741.33	-932.06	
48218	8218	-1.505	6.56	0.045	0.004	-0.221	-13.787	741.33	-932.06	
48218	8219	1.505	6.541	-0.045	-0.004	-0.131	13.86	745.51	-936.7	
48219	8219	-1.505	-6.541	0.045	0.005	0.131	-13.86	745.51	-936.7	
48219	8220	1.505	22.601	-0.045	-0.005	-0.56	-124.569	-7228.01	7891.13	
48220	8220	-1.505	22.456	0.026	0.004	0.56	124.594	-7229.41	7892.7	
48220	8221	1.505	-1.336	-0.026	-0.004	-0.888	24.036	1331.68	-1585.65	
48221	8221	-1.505	1.336	0.026	0.004	0.888	-24.036	1331.68	-1585.65	
48221	8222	1.505	19.802	-0.026	-0.004	-1.216	-91.418	-5318.47	5777.02	
48222	8222	-1.514	14.916	-0.449	0.007	1.216	91.405	-5318.05	5775.9	
48222	8223	1.514	7.49	0.449	-0.007	4.73	-42.189	-2483.23	2637.35	

PIER 8 -- Cumulative Affects thru Day 47

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 9 - Cumulative Affects thru Day 26	48223	8223	-0.424	2.955	0.016	0.014	-0.256	-32.795	1874.12	-2106.28
	48223	8224	0.424	17.737	-0.016	-0.014	0.074	-54.006	-3125.64	3429.16
	48224	8224	-0.425	20.416	0.018	0.049	-0.074	53.836	-3115.89	3418.32
	48224	8225	0.425	-5.887	-0.018	-0.049	-0.074	54.606	3130.37	-3497.19
	48225	8225	-0.425	5.887	0.018	-0.011	0.074	-54.606	3130.37	-3497.19
	48225	8226	0.425	20.069	-0.018	0.011	-0.345	-49.854	-2886.49	3164.34
	48226	8226	-0.425	20.619	-0.002	0.22	0.345	49.791	-2882.9	3160.34
	48226	8227	0.425	-0.377	0.002	-0.22	-0.32	70.813	4063.89	-4530.76
	48227	8227	-0.425	0.377	0	-0.211	0.32	-70.813	4063.89	-4530.76
	48227	8228	0.425	19.871	0	0.211	-0.324	-41.192	-2387.6	2611.96
	48228	8228	-0.425	19.866	0.009	0.028	0.324	41.35	-2396.69	2622.05
	48228	8229	0.425	0.387	-0.009	-0.028	-0.424	70.601	4051.7	-4517.24
	48229	8229	-0.425	-0.387	0.009	-0.037	0.424	-70.601	4051.7	-4517.24
	48229	8230	0.425	20.624	-0.009	0.037	-0.529	-50.056	-2898.11	3177.2
	48230	8230	-0.425	20.6	0.008	0.28	0.529	50.082	-2899.65	3178.89
	48230	8231	0.425	0.694	-0.008	-0.28	-0.624	70.209	4029.14	-4492.27
	48231	8231	-0.425	-0.694	0.011	-0.304	0.624	-70.209	4029.14	-4492.26
	48231	8232	0.425	21.98	-0.011	0.304	-0.762	-66.748	-3859.58	4241.68
	48232	8232	-0.422	20.782	-0.029	-0.021	0.762	66.858	-3865.86	4248.84
	48232	8233	0.422	2.911	0.029	0.021	-0.377	53.298	3055.17	-3413.72
	48233	8233	-0.422	-2.911	-0.029	-0.004	0.377	-53.298	3055.17	-3413.72
	48233	8234	0.422	20.283	0.029	0.004	-0.094	-61.042	-3530.82	3877.9
	48234	8234	-0.114	15.094	0.013	0.034	0.094	55.45	-3197.91	3532.08
	48234	8235	0.114	2.667	-0.013	-0.034	-0.223	7.185	409.81	-462.18
	48235	8235	-0.083	1.451	-0.036	-0.062	1.09	-1.188	65.5	-78.64
	48235	8236	0.083	16.184	0.036	0.062	-0.748	-68.191	-3930.71	4345.74
	48236	8236	-0.089	17.71	0.106	-0.079	0.748	68.12	-3926.83	4340.96
	48236	8237	0.089	-0.563	-0.106	0.079	-1.722	15.541	892.03	-994.21
	48237	8237	-0.09	0.563	0.106	0.056	1.722	-15.541	892	-994.24
	48237	8238	0.09	18.788	-0.106	-0.056	-2.812	-78.622	-4531.8	5010.68
	48238	8238	-0.078	22.478	-0.115	0.01	2.812	78.558	-4527.69	5007.03
	48238	8239	0.078	7.284	0.115	-0.01	-0.987	42.182	2426.95	-2692.75
	48239	8239	-0.078	-7.284	-0.115	-0.023	0.987	-42.182	2426.94	-2692.76
48239	8240	0.078	23.387	0.115	0.023	0	-89.69	-5168.88	5716.91	
48240	8240	-0.078	20.919	-0.105	-0.003	0	89.718	-5170.49	5718.71	
48240	8241	0.078	-1.646	0.105	0.003	1.085	26.404	1518.13	-1686.56	
48241	8241	-0.078	1.646	-0.106	0.008	-1.085	-26.404	1518.14	-1686.55	
48241	8242	0.078	15.839	0.106	-0.008	2.071	-39.863	-2298.84	2539.38	
48242	8242	-0.069	17.54	-0.059	-0.009	-2.071	39.691	-2288.64	2528.75	
48242	8243	0.069	1.998	0.059	0.009	2.689	41.386	2381.42	-2641.67	
48243	8243	-0.069	-1.998	-0.059	0.021	-2.689	-41.386	2381.42	-2641.67	
48243	8244	0.069	19.202	0.059	-0.021	3.234	-56	-3228.01	3568.78	
48244	8244	-0.074	18.878	0.101	0.184	-3.234	55.99	-3227.64	3567.96	
48244	8245	0.074	-1.196	-0.101	-0.184	2.281	38.789	2231.66	-2476.26	
48245	8245	-0.074	1.196	0.102	-0.162	-2.281	-38.789	2231.69	-2476.24	
48245	8246	0.074	17.858	-0.102	0.162	1.247	-45.985	-2651.3	2929.94	
48246	8246	-0.074	15.855	-0.229	0.001	-1.247	46.162	-2661.54	2941.21	
48246	8247	0.074	2.766	0.229	-0.001	3.526	18.919	1087.14	-1209.12	
48247	8247	-0.074	-2.766	-0.229	0.006	-3.526	-18.919	1087.15	-1209.12	
48247	8248	0.074	20.898	0.229	-0.006	5.746	-95.651	-5512.11	6097.21	
48248	8248	-0.086	22.56	0.507	0.249	-5.746	95.747	-5518.06	6102.92	
48248	8249	0.086	-0.08	-0.507	-0.249	-0.336	40.154	2309.82	-2563.67	
48249	8249	-0.08	0.08	0.508	-0.233	0.336	-40.154	2310.04	-2563.46	
48249	8250	0.08	23.317	-0.508	0.233	-6.678	-105.013	-6051.58	6694.05	
48250	8250	-0.088	21.712	-0.349	0.016	6.678	105.058	-6054.42	6696.63	
48250	8251	0.088	-0.912	0.349	-0.016	-2.804	20.592	1183.01	-1316.24	
48251	8251	-0.088	0.912	-0.349	-0.004	2.804	-20.592	1183	-1316.25	
48251	8252	0.088	18.777	0.349	0.004	0.862	-73.327	-4226.74	4673.1	
48252	8252	-0.096	16.522	0.088	-0.012	-0.862	73.272	-4223.85	4669.3	
48252	8253	0.096	6.145	-0.088	0.012	-0.206	-10.463	-606.02	663.85	
48253	8253	-0.096	-6.145	0.089	0.038	0.206	10.463	-606	663.86	
48253	8254	0.096	23.976	-0.089	-0.038	-1.051	-153.867	-8866.11	9808.98	
SPAN 10 - Cumulative Affects thru Day 5	48254	8254	0.023	22.963	-0.019	-0.01	0.535	42.049	-2421.22	2682.35
	48254	8255	-0.023	0.425	0.019	0.01	-0.306	91.317	5260.66	-5822.58
	48255	8255	0.023	-0.425	-0.019	0.06	0.306	-91.317	5260.66	-5822.58
	48255	8256	-0.023	25.446	0.019	-0.06	-0.061	-72.454	-4172.52	4621.29
	48256	8256	0.023	23.622	0.025	0.272	0.061	72.47	-4173.48	4622.37
	48256	8257	-0.023	-0.577	-0.025	-0.272	-0.349	68.621	3953.41	-4375.25
	48257	8257	0.024	0.577	0.025	-0.24	0.349	-68.621	3953.42	-4375.25
	48257	8258	-0.024	21.952	-0.025	0.24	-0.628	-53.217	-3064.46	3394.55
	48258	8258	0.023	22.358	0.009	0.012	0.628	53.048	-3054.75	3383.73
	48258	8259	-0.023	0.848	-0.009	-0.012	-0.731	73.24	4219.45	-4669.84
	48259	8259	0.023	-0.848	0.009	-0.004	0.731	-73.24	4219.45	-4669.84
	48259	8260	-0.023	23.196	-0.009	0.004	-0.831	-62.703	-3610.91	3999.49
	48260	8260	0.023	22.022	0.005	0.392	0.831	62.9	-3622.27	4012.04
	48260	8261	-0.023	-4.09	-0.005	-0.392	-0.877	55.564	3201.31	-3542.63
	48261	8261	0.023	4.09	0.005	-0.274	0.877	-55.565	3201.35	-3542.67
	48261	8262	-0.023	23.557	-0.005	0.274	-0.946	-80.597	-4641.59	5140.59
	48262	8262	0.017	22.744	-0.001	-0.044	0.946	80.309	-4625.21	5122.01
	48262	8263	-0.017	2.401	0.001	0.044	-0.937	49.104	2829	-3130.86
	48263	8263	0.017	-2.401	-0.001	-0.003	0.937	-49.104	2829	-3130.86
48263	8264	-0.017	24.343	0.001	0.003	-0.93	-99.357	-5722.39	6336.75	
48264	8264	0.016	23.793	0.014	-0.025	0.93	99.407	-5725.27	6339.89	
48264	8265	-0.016	0.08	-0.014	0.025	-1.101	43.821	2524.68	-2793.98	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
PIER 10 -- Cumulative Affects thru Day 19	48265	8265	0.319	1.653	8.388	-2.463	-98.422	89.404	-622.12	2258.69	
	48265	8266	-0.319	23.542	-8.388	2.463	-8.515	-228.937	-1595.02	5781.86	
	48266	8266	-0.003	24.926	-0.358	-1.629	8.515	228.835	-1595.58	5778.01	
	48266	8267	0.003	-4.217	0.358	1.629	-4.767	-76.142	-530.92	1922.55	
	48267	8267	-0.003	4.217	-0.358	-1.725	4.767	76.14	-530.9	1922.5	
	48267	8268	0.003	12.379	0.358	1.725	-1.763	-110.409	-769.85	2787.79	
	48268	8268	0.001	22.625	-0.165	0.045	1.763	110.386	-6358.2	7039.51	
	48268	8269	-0.001	2.901	0.165	-0.045	0.334	14.992	863.55	-956	
	48269	8269	0	-2.901	-0.165	-0.078	-0.334	-14.991	863.49	-956.04	
	48269	8270	0	23.871	0.165	0.078	2.057	-124.816	-7189.42	7959.69	
	48270	8270	0.003	29.094	0.087	0.007	-2.057	124.728	-7184.24	7954.19	
	48270	8271	-0.003	-5.616	-0.087	-0.007	1.044	78.22	4505.54	-4988.07	
	48271	8271	0.003	5.616	0.087	-0.016	-1.044	-78.22	4505.54	-4988.07	
	48271	8272	-0.003	18.599	-0.087	0.016	0	-0.07	-3.91	4.53	
	48372	8372	-0.008	14.625	-0.176	-0.021	0	-0.08	4.32	-5.34	
	48372	8373	0.008	3.897	0.176	0.021	2.183	66.578	3834.61	-4246.02	
	48373	8373	-0.007	-3.897	-0.176	0.013	-2.183	-66.578	3834.61	-4246.02	
	48373	8374	0.007	20.925	0.176	-0.013	4.189	-74.862	-4312.33	4773.82	
	48374	8374	0.051	14.91	0.158	-0.003	-4.189	74.755	-4304.09	4769.02	
	48374	8375	-0.051	0.779	-0.158	0.003	2.528	-0.566	-30.81	37.89	
	48375	8375	0.051	-0.779	0.158	-0.003	-2.528	0.566	-30.81	37.89	
	48375	8376	-0.051	15.129	-0.158	0.003	1.009	-76.952	-4430.66	4909.15	
	48376	8376	0.114	18.257	0.175	0.213	-1.009	77.368	-4452.4	4937.9	
	48376	8377	-0.114	-1.001	-0.175	-0.213	-1.009	33.842	1953.32	-2154.15	
	48377	8377	0.117	1.001	0.173	-0.221	1.009	-33.842	1953.4	-2154.07	
	48377	8378	-0.117	17.232	-0.173	0.221	-3.125	-65.195	-3751.15	4161.68	
	48378	8378	0.111	16.567	-0.166	0.002	3.125	65.08	-3744.72	4154.13	
	48378	8379	-0.111	1.948	0.166	-0.002	-1.074	25.491	1472.18	-1621.72	
	48379	8379	0.111	-1.948	-0.165	0.008	1.074	-25.491	1472.18	-1621.72	
	48379	8380	-0.111	18.69	0.165	-0.008	0.78	-90.138	-5188.05	5752.1	
	48380	8380	0.068	17.253	0.017	0.041	-0.78	89.357	-5144.6	5700.84	
	48380	8381	-0.068	-1.715	-0.017	-0.041	0.605	9.267	536.17	-588.58	
	48381	8381	0.068	1.715	0.016	-0.017	-0.605	-9.267	536.18	-588.58	
	48381	8382	-0.068	13.033	-0.016	0.017	0.443	-46.587	-2681.03	2973.32	
	48382	8382	0.065	16.461	-0.008	0.04	-0.443	46.688	-2686.93	2979.65	
	48382	8383	-0.065	0.213	0.008	-0.04	0.538	43.966	2534.72	-2801.46	
	48383	8383	0.065	-0.213	-0.009	0.002	-0.538	-43.966	2534.72	-2801.46	
	48383	8384	-0.065	17.426	0.009	-0.002	0.636	-57.64	-3317.74	3678.05	
	SPAN 11 -- Cumulative Affects thru Day 12	48384	8384	0.064	15.586	0.009	-0.006	-0.168	24.197	-1391.5	1545.29
		48384	8385	-0.064	0.938	-0.009	0.006	0.062	57.478	3312.97	-3663.22
		48385	8385	0.064	-0.938	0.01	0.056	-0.062	-57.478	3312.96	-3663.22
		48385	8386	-0.064	17.473	-0.01	-0.056	-0.044	-45.247	-2603.99	2887.7
		48386	8386	0.063	18.057	0.007	0.255	0.044	44.959	-2587.45	2869.33
		48386	8387	-0.063	-1.639	-0.007	-0.255	-0.122	64.153	3697.43	-4088.93
		48387	8387	0.063	1.639	0.007	-0.172	0.122	-64.153	3697.45	-4088.95
		48387	8388	-0.063	17.139	-0.007	0.172	-0.206	-34.059	-1959.57	2174.18
		48388	8388	0.065	17.835	-0.001	0	0.206	34.645	-1993.29	2211.64
		48388	8389	-0.065	0.058	0.001	0	-0.189	72.693	4189.39	-4633.46
48389		8389	0.065	-0.058	-0.001	0.043	0.189	-72.693	4189.38	-4633.46	
48389		8390	-0.065	17.37	0.001	-0.043	-0.173	-29.116	-1674.82	1859.05	
48390		8390	0.065	17.562	0	0.236	0.173	29.266	-1683.44	1868.58	
48390		8391	-0.065	1.28	0	-0.236	-0.179	74.253	4279.25	-4732.97	
48391		8391	0.065	-1.28	0	-0.245	0.179	-74.253	4279.25	-4732.96	
48391		8392	-0.065	17.644	0	0.245	-0.18	-30.237	-1739.4	1930.54	
48392		8392	0.065	17.432	0.008	-0.018	0.18	29.924	-1721.37	1910.58	
48392		8393	-0.065	-0.562	-0.008	0.018	-0.274	72.507	4178.68	-4621.62	
48393		8393	0.065	0.562	0.008	0.019	0.274	-72.507	4178.68	-4621.62	
48393		8394	-0.065	17.76	-0.008	-0.019	-0.378	-33.818	-1945.68	2158.92	
48394		8394	0.064	16.898	-0.029	0.233	0.378	33.446	-1924.22	2135.14	
48394		8395	-0.064	0.717	0.029	-0.233	-0.028	62.73	3615.53	-3998.15	
48395		8395	0.064	-0.717	-0.03	-0.257	0.028	-62.73	3615.52	-3998.16	
48395		8396	-0.064	18.277	0.03	0.257	0.326	-49.822	-2867.47	3179.44	
48396		8396	0.07	18.149	0.114	-0.045	-0.326	50.216	-2889.96	3204.81	
48396		8397	-0.07	-0.388	-0.114	0.045	-1.037	60.885	3509.45	-3880.26	
48397	8397	0.07	0.388	0.114	0.003	1.037	-60.885	3509.45	-3880.27		
48397	8398	-0.07	17.032	-0.114	-0.003	-2.375	-36.95	-2125.84	2358.8		
48398	8398	0.051	11.132	-0.237	-0.017	2.375	37.023	-2130.76	2362.79		
48398	8399	-0.051	3.727	0.237	0.017	0	0.104	7.74	-4.83		

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
PIER 10 -- Cumulative Affects thru Day 19	48572	8572	-0.005	14.574	-0.171	0.002	0	0.029	-1.86	1.68	
	48572	8573	0.005	3.954	0.171	-0.002	2.117	65.819	3790.99	-4197.55	
	48573	8573	-0.005	-3.954	-0.171	-0.009	-2.117	-65.819	3790.99	-4197.55	
	48573	8574	0.005	20.868	0.171	0.009	4.049	-74.67	-4301.17	4761.62	
	48574	8574	0.013	14.857	0.122	-0.003	-4.049	74.636	-4298.56	4760.06	
	48574	8575	-0.013	0.548	-0.122	0.003	2.789	-0.874	-49.88	56.16	
	48575	8575	0.013	-0.548	0.122	-0.002	-2.789	0.874	-49.87	56.16	
	48575	8576	-0.013	14.736	-0.122	0.002	1.629	-73.442	-4229.82	4683.96	
	48576	8576	-0.041	17.916	0.237	0.226	-1.629	73.087	-4211.27	4659.44	
	48576	8577	0.041	-0.592	-0.237	-0.226	-1.118	34.204	1968.72	-2182.69	
	48577	8577	-0.038	0.592	0.237	-0.192	1.118	-34.204	1968.83	-2182.6	
	48577	8578	0.038	17.891	-0.237	0.192	-4.055	-72.791	-4194.08	4640.62	
	48578	8578	-0.056	17.316	-0.233	-0.02	4.055	72.845	-4197.87	4643.48	
	48578	8579	0.056	0.795	0.233	0.02	-1.231	27.28	1569.34	-1741.64	
	48579	8579	-0.056	-0.795	-0.233	-0.003	1.231	-27.28	1569.34	-1741.63	
	48579	8580	0.056	17.819	0.233	0.003	1.424	-78.762	-4538.66	5020.79	
	48580	8580	0.003	16.91	0.05	0.066	-1.424	79.603	-4585.05	5076.49	
	48580	8581	-0.003	-1.673	-0.05	-0.066	0.914	15.143	872.34	-965.62	
	48581	8581	0.003	1.673	0.05	-0.039	-0.914	-15.143	872.36	-965.62	
	48581	8582	-0.003	13.295	-0.05	0.039	0.412	-43.068	-2480.59	2746.58	
	48582	8582	0.006	16.294	-0.002	0.017	-0.412	42.928	-2472.45	2737.78	
	48582	8583	-0.006	-0.085	0.002	-0.017	0.432	45.911	2644.66	-2927.58	
	48583	8583	0.006	0.085	-0.002	0.04	-0.432	-45.911	2644.65	-2927.58	
	48583	8584	-0.006	17.425	0.002	-0.04	0.452	-55.692	-3207.65	3551.76	
	SPAN 11 -- Cumulative Affects thru Day 12	48584	8584	0.003	15.484	0.014	0.057	-0.182	22.408	-1290.56	1429.08
		48584	8585	-0.003	1.288	-0.014	-0.057	0.02	57.929	3336.84	-3694.11
		48585	8585	0.003	-1.288	0.014	0.006	-0.02	-57.929	3336.85	-3694.11
		48585	8586	-0.003	17.47	-0.014	-0.006	-0.137	-44.496	-2562.88	2837.72
		48586	8586	0.003	17.9	0.002	0.272	0.137	44.559	-2566.47	2841.7
		48586	8587	-0.003	-1.691	-0.002	-0.272	-0.16	62.595	3605.59	-3991.65
		48587	8587	0.003	1.691	0.002	-0.18	0.16	-62.595	3605.61	-3991.67
		48587	8588	-0.003	17.202	-0.002	0.18	-0.186	-36.286	-2089.97	2314.15
		48588	8588	0.001	17.688	0.001	0.013	0.186	35.399	-2038.99	2257.49
48588		8589	-0.001	0.029	-0.001	-0.013	-0.194	70.176	4042.17	-4475.22	
48589		8589	0.001	-0.029	0.001	0.032	0.194	-70.176	4042.17	-4475.22	
48589		8590	-0.001	17.395	-0.001	-0.032	-0.203	-31.923	-1838.74	2035.79	
48590		8590	0	17.48	0.001	0.238	0.203	31.959	-1840.84	2038.11	
48590		8591	0	1.247	-0.001	-0.238	-0.217	70.622	4067.85	-4503.66	
48591		8591	0.001	-1.247	0.001	-0.249	0.217	-70.622	4067.85	-4503.66	
48591		8592	-0.001	17.604	-0.001	0.249	-0.229	-33.42	-1924.95	2131.23	
48592		8592	0.001	17.422	0.001	-0.002	0.229	33.928	-1954.22	2163.66	
48592		8593	-0.001	-0.792	-0.001	0.002	-0.241	68.276	3932.71	-4354.01	
48593		8593	0.001	0.792	0.001	-0.002	0.241	-68.276	3932.71	-4354.01	
48593		8594	-0.001	17.659	-0.001	0.002	-0.255	-36.743	-2116.35	2343.16	
48594		8594	0	16.802	-0.002	0.208	0.255	37.27	-2146.73	2376.77	
48594		8595	0	0.82	0.002	-0.208	-0.235	57.767	3327.39	-3683.87	
48595		8595	0	-0.82	-0.002	-0.241	0.235	-57.767	3327.38	-3683.86	
48595		8596	0	18.281	0.002	0.241	-0.215	-54.77	-3154.72	3492.75	
48596		8596	-0.001	18.361	0.015	-0.04	0.215	54.481	-3138.14	3474.26	
48596		8597	0.001	-0.638	-0.015	0.04	-0.399	59.139	3406.37	-3771.45	
48597		8597	-0.001	0.638	0.015	-0.021	0.399	-59.139	3406.37	-3771.45	
48597		8598	0.001	16.714	-0.015	0.021	-0.579	-34.988	-2015.37	2231.19	
48598		8598	0.007	10.187	-0.087	-0.04	0.579	34.833	-2006.13	2221.59	
48598		8599	-0.007	-0.305	0.087	0.04	0	0.151	8.95	-9.4	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 3 -- Cumulative Affects thru Day 127	49000	9000	-7.297	358.912	1.976	9.06	0	-41.591	21.67	-55.99
	49000	9001	7.297	-334.643	-1.976	-9.06	-16.403	2919.862	3030.56	-2421
	49001	9001	-7.294	334.643	1.986	4.982	16.403	-2919.87	3030.58	-2421
	49001	9002	7.294	-308.637	-1.986	-4.982	-34.072	5780.56	6021.1	-4771.56
	49002	9002	-7.292	292.405	-2.184	12.788	34.072	-5780.56	6021.11	-4771.55
	49002	9003	7.292	-257.075	2.184	-12.788	-7.686	9100.295	9491.51	-7499.3
	49003	9003	-7.296	257.075	-2.171	-3.153	7.686	-9100.3	9491.5	-7499.32
	49003	9004	7.296	-221.723	2.171	3.153	18.56	11994.73	12517.29	-9877.6
	49004	9004	-7.296	199.698	0.539	15.68	-18.56	-11994.7	12517.3	-9877.61
	49004	9005	7.296	-164.379	-0.539	-15.68	12.044	14193.6	14815.96	-11684.4
	49005	9005	-7.295	164.379	0.552	-9.169	-12.044	-14193.6	14815.97	-11684.4
	49005	9006	7.295	-129.039	-0.552	9.169	5.369	15966.79	16669.62	-13141.3
	49006	9006	-7.294	104.655	0.294	8.618	-5.369	-15966.8	16669.62	-13141.3
	49006	9007	7.294	-69.319	-0.294	-8.618	1.818	17018.04	17768.58	-14005.1
	49007	9007	-7.294	69.319	0.3	-5.343	-1.818	-17018	17768.58	-14005.1
	49007	9008	7.294	-33.987	-0.3	5.343	-1.805	17642.2	18421.07	-14518
	49008	9008	-7.294	9.054	-0.088	-1.212	1.805	-17642.2	18421.06	-14518
	49008	9009	7.294	26.296	0.088	1.212	-0.743	17537.96	18312.11	-14432.3
	49009	9009	-7.294	-26.296	-0.089	0.649	0.743	-17538	18312.11	-14432.3
	49009	9010	7.294	61.617	0.089	-0.649	0.328	17006.97	17757.02	-13996
	49010	9010	-7.293	-61.617	0.089	0.649	-0.328	-17007	17757.03	-13996
	49010	9011	7.293	122.938	-0.802	-11.144	-9.369	15734.6	16426.9	-12950.6
	49011	9011	-7.292	-122.938	0.814	14.687	9.369	-15734.6	16426.9	-12950.6
	49011	9012	7.292	158.273	-0.814	14.687	-19.21	14035.42	14650.6	-11554.4
	49012	9012	-7.291	-158.273	0.657	6.609	19.21	-14035.4	14650.61	-11554.4
	49012	9013	7.291	218.405	-0.657	-6.609	-27.149	11609.8	12114.91	-9561.3
	49013	9013	-7.291	-218.405	0.669	12.462	27.149	-11609.8	12114.9	-9561.29
	49013	9014	7.291	253.729	-0.669	12.462	-35.232	8757.873	9133.55	-7217.93
	49014	9014	-7.291	-253.729	0.669	12.462	35.232	-8757.87	9133.54	-7217.92
	49014	9015	7.291	322.856	0.046	-0.799	-34.521	4092.254	4256.19	-3384.3
	49015	9015	-7.291	-322.856	0.046	0.799	34.521	-4092.25	4256.19	-3384.3
	49015	9016	3.364	345.46	0.034	6.063	-34.172	1339.722	1504.44	-1589.3
49016	9016	-3.364	-345.46	0.034	-6.063	34.172	-1339.72	1504.44	-1589.3	
49016	9017	4.54	-364.953	-3.577	-4.347	60.222	-1984.18	2260.87	-2321.06	
49017	9017	-4.54	364.953	3.577	4.347	-60.222	1984.18	-2260.87	2321.06	
49017	9018	16.74	-396.971	-3.56	0.753	18.368	2497.66	-2394.01	2586.65	
49017	9018	-16.74	396.971	3.56	-0.753	-18.368	-2497.66	2394.01	-2586.65	
49018	9018	-19.123	436.077	3.56	-0.753	28.897	-8025.92	-6358.29	6667.07	
49018	9018	33.294	-457.652	4.724	-13.269	-30.188	8025.745	-6318.6	6706.48	
49018	9019	-36.747	496.36	-4.724	13.269	-29.073	-14007.7	-8688.41	9101.39	
49019	9019	50.417	-495.158	4.736	9.337	31.435	14007.65	-8654.1	9135.7	
49019	9020	-55.239	536.354	-4.736	-9.337	-91.059	-20497.3	-9677.07	10129.65	
49020	9020	2103.41	154.574	-25.789	-3.104	557.456	3550.3	-10720.1	-2597.51	
49020	9021	-2103.411	-127.816	25.789	3.104	-312.388	-2208.56	-9216.59	-4163.69	
49021	9021	-2103.47	127.816	-20.947	1.98	312.388	2208.564	-11381.3	-5461.32	
49021	9022	2103.465	-108.128	20.947	-1.98	-150.279	-1295.57	-10182.6	-6709.91	
49022	9022	-2103.44	108.128	-23.031	0.697	150.279	1295.575	-10182.6	-6709.82	
49022	9023	2103.443	-88.386	23.031	-0.697	28.443	-533.097	-9181.52	-7752.57	
49023	9023	-2103.52	69.647	-4.682	-0.168	-28.443	533.089	-9181.82	-7752.9	
49023	9024	2103.522	-49.296	4.682	0.168	65.899	-57.337	-8557.22	-8403.53	
49024	9024	-2103.52	49.296	-4.682	-0.168	-65.899	57.337	-8557.22	-8403.53	
49024	9025	2103.522	-28.945	4.682	0.168	103.356	255.613	-8146.35	-8831.51	
49025	9025	-2103.53	28.945	-2.069	-0.485	-103.356	-255.612	-8146.37	-8831.53	
49025	9026	2103.526	-8.596	2.069	0.485	119.902	405.75	-7949.26	-9036.86	
49026	9026	-2103.52	8.596	-4.823	0.025	-119.902	-405.749	-7949.25	-9036.84	
49026	9027	2103.523	23.943	4.823	-0.025	148.822	307.913	-8077.69	-8903.04	
49027	9027	-2103.53	-23.943	-0.956	-0.541	-148.822	-307.913	-8077.72	-8903.06	
49027	9028	2103.528	39.221	0.956	0.541	154.562	118.255	-8326.71	-8643.69	
49028	9028	-2103.53	-39.221	-1.336	-0.52	-154.562	-118.255	-8326.71	-8643.69	
49028	9029	2103.528	54.473	1.336	0.52	162.569	-162.607	-8695.45	-8259.59	
49029	9029	-2103.53	-54.473	-0.956	-0.49	-162.569	162.607	-8695.45	-8259.59	
49029	9030	2103.528	69.75	0.956	0.49	168.309	-535.604	-9185.15	-7749.49	
49030	9030	-2103.53	-69.75	-1.523	-1.511	-168.309	535.609	-9185.16	-7749.49	
49030	9031	2103.529	107.614	-1.523	1.511	156.133	-1314.7	-10208	-6684.01	
49031	9031	-2103.53	-107.614	1.523	-1.511	-156.133	1314.704	-10208	-6684.01	
49031	9032	2103.529	127.954	-1.523	1.511	143.957	-2256.42	-11444.4	-5396.13	
49032	9032	-2103.53	-127.954	4.415	1.592	-143.957	2256.424	-11444.4	-5396.11	
49032	9033	2103.525	148.317	-4.415	-1.592	108.614	-3362.09	-12896	-3884.03	
49033	9033	-2103.48	-166.928	16.012	-5.279	-108.614	3362.122	-12895.8	-3883.8	
49033	9034	2103.479	186.65	-16.012	5.279	-15.516	-4732.67	-14695.2	-2009.46	
49034	9034	-2103.48	-186.65	16.012	-5.279	15.516	4732.668	-14695.2	-2009.46	
49034	9035	2103.479	206.373	-16.012	5.279	-139.646	-6256.11	-16695.3	73.97	
49035	9035	-2103.44	-206.373	21.033	9.655	139.646	6256.104	-13752.3	560.84	
49035	9036	2103.435	233.122	-21.033	-9.655	-339.452	-8343.63	-16091.6	2997.56	
49036	9036	15.652	455.355	-3.532	-26.096	49.672	26389.85	-12582	12918.72	
49036	9037	-10.83	-414.184	3.532	26.096	-5.241	-20922.9	-13088.3	13483.93	
49037	9037	-0.645	414.325	-3.439	25.22	-0.07	20922.89	-13117.1	13455.14	
49037	9038	4.097	-375.966	3.439	-25.22	43.24	-15967.5	-12767.4	13146.45	
49038	9038	-15.746	356.029	2.507	-3.617	-40.685	15967.82	-12800.2	13114.22	
49038	9039	18.128	-316.941	-2.507	3.617	7.419	-11504.3	-11316.1	11625	

PIER 3 -- Cumulative Affects thru Day 134

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 4 -- Cumulative Affects thru Day 113	49039	9039	-52.864	249.682	1.023	2.708	-13.183	1543.463	-1747.41	1456.29
	49039	9040	53.926	-217.292	-1.023	-2.708	1.145	1202.406	1175.18	-1601.46
	49040	9040	-58.788	197.099	0.434	0.495	-1.061	-1202.41	1158.47	-1618.18
	49040	9041	59.043	-174.626	-0.434	-0.495	-2.521	2735.423	2974.27	-3516.77
	49041	9041	-61.024	173.944	0.427	0.795	2.526	-2735.42	3861.94	-4579.07
	49041	9042	61.024	-136.95	-0.427	-0.795	-8.981	5085.734	7414.25	-8279.39
	49042	9042	-61.024	115.602	-0.1	2.844	8.981	-5085.74	7414.25	-8279.39
	49042	9043	61.024	-86.527	0.1	-2.844	-7.788	6286.675	9229.37	-10170.1
	49043	9043	-61.024	86.527	-0.054	-1.929	7.788	-6286.68	9229.37	-10170.1
	49043	9044	61.024	-57.479	0.054	1.929	-7.146	7141.498	10521.37	-11516
	49044	9044	-61.024	34.626	-0.072	3.232	7.146	-7141.49	10521.35	-11516
	49044	9045	61.024	-5.559	0.072	-3.232	-6.29	7380.184	10882.13	-11891.8
	49045	9045	-61.024	5.559	-0.021	-2.955	6.29	-7380.18	10882.13	-11891.8
	49045	9046	61.024	23.507	0.021	2.955	-6.041	7273.578	10721	-11723.9
	49046	9046	-61.024	-46.839	0.001	2.538	6.041	-7273.58	10720.99	-11723.9
	49046	9047	61.024	75.9	-0.001	-2.538	-6.053	6544.664	9619.3	-10576.3
	49047	9047	-61.024	-75.9	0.052	-2.951	6.053	-6544.66	9619.3	-10576.3
	49047	9048	61.024	104.959	-0.052	2.951	-6.672	5470.677	7996.06	-8885.44
	49048	9048	-61.024	-128.081	0.176	1.071	6.672	-5470.68	7996.06	-8885.44
	49048	9049	61.024	157.136	-0.176	-1.071	-8.762	3777.238	5436.56	-6219.29
	49049	9049	-61.024	-157.136	0.227	-2.098	8.762	-3777.24	5436.56	-6219.29
	49049	9050	61.024	186.188	-0.227	2.098	-11.459	1738.944	2355.85	-3010.21
	49050	9050	-61.024	-208.138	-0.407	-1.191	11.459	-1738.94	2355.84	-3010.21
	49050	9051	61.024	245.167	0.407	1.191	-5.302	-1691.27	-2828.65	2390.3
	49051	9051	-58.234	-245.845	-0.35	0.326	5.306	1691.271	-2554.95	2178.05
	49051	9052	57.998	266.629	0.35	-0.326	-2.42	-3805.03	-5306.1	5059.44
	49052	9052	-51.614	-287.658	-0.918	-2.086	2.349	3804.925	-5279.61	5085.64
	49052	9053	50.634	317.549	0.918	2.086	8.447	-7361.76	-9040.25	9007.59
	49053	9053	-44.188	-320.962	-2.479	0.04	2.422	7709.264	-7459.16	7459.97
	49053	9054	41.836	359.458	2.479	-0.04	30.496	-12225.2	-9652.49	9707.37
	49054	9054	-29.873	-381.42	2.47	-8.205	-31.297	12224.87	-9618.32	9741.07
	49054	9055	26.477	419.408	-2.47	8.205	0.307	-17247.7	-10695.3	10819.56
49055	9055	-14.878	-419.979	2.52	5.469	1.069	17247.67	-10665.5	10849.37	
49055	9056	10.157	460.22	-2.52	-5.469	-32.786	-22783.3	-10811.1	10972.39	
49056	9056	-2035.45	199.217	-19.753	-5.326	354.56	6116.903	-13191.7	340.34	
49056	9057	2035.449	-172.803	19.753	5.326	-166.926	-4350.02	-11277.9	-1654.56	
49057	9057	-2035.48	172.803	-16.08	2.831	166.926	4311.178	-11639.8	-1840.55	
49057	9058	2035.481	-151.707	16.08	-2.831	-42.267	-3053.3	-10250.1	-3309.93	
49058	9058	-2035.5	151.707	-13.462	6.759	42.267	3053.291	-10250.1	-3310.01	
49058	9059	2035.5	-130.613	13.462	-6.759	62.084	-1959.06	-9041.15	-4588.23	
49059	9059	-2035.53	112.776	-5.195	-0.653	-62.084	1959.033	-9041.22	-4588.35	
49059	9060	2035.529	-91.026	5.195	0.653	103.608	-1144.59	-8141.38	-5539.75	
49060	9060	-2035.53	91.026	-2.468	0.881	-103.608	1144.585	-8141.39	-5539.76	
49060	9061	2035.534	-69.252	2.468	-0.881	123.355	-503.331	-7432.91	-6288.84	
49061	9061	-2035.53	69.252	-2.468	0.881	-123.355	503.331	-7432.91	-6288.84	
49061	9062	2035.534	-47.477	2.468	-0.881	143.101	-36.312	-6916.92	-6834.39	
49062	9062	-2035.53	30.714	0.233	0.222	-143.101	36.309	-6916.92	-6834.39	
49062	9063	2035.533	-14.372	-0.233	-0.222	141.701	99.073	-6767.34	-6992.53	
49063	9063	-2035.53	14.372	-3.396	0.399	-141.701	-99.072	-6767.33	-6992.52	
49063	9064	2035.531	1.944	3.396	-0.399	162.063	136.332	-6726.17	-7036.05	
49064	9064	-2035.53	-1.944	3.377	-0.055	-162.063	-136.333	-6726.17	-7036.05	
49064	9065	2035.531	18.257	-3.377	0.055	141.819	75.781	-6793.07	-6965.32	
49065	9065	-2035.53	-18.257	0.233	0.062	-141.819	-75.781	-6793.08	-6965.33	
49065	9066	2035.533	34.599	-0.233	-0.062	140.419	-82.932	-6968.43	-6779.93	
49066	9066	-2035.53	-51.381	1.972	-0.542	-140.419	82.933	-6968.43	-6779.92	
49066	9067	2035.534	73.15	-1.972	0.542	124.647	-581.033	-7518.75	-6198.07	
49067	9067	-2035.53	-73.15	4.51	0.182	-124.647	581.033	-7518.74	-6198.06	
49067	9068	2035.529	94.916	-4.51	-0.182	88.57	-1253.21	-8261.39	-5412.86	
49068	9068	-2035.53	-94.916	4.51	0.182	-88.57	1253.207	-8261.39	-5412.86	
49068	9069	2035.529	116.683	-4.51	-0.182	52.493	-2099.49	-9196.4	-4424.28	
49069	9069	-2035.49	-134.383	15.463	-3.967	-52.493	2099.523	-9196.29	-4424.1	
49069	9070	2035.486	155.465	-15.463	3.967	-67.307	-3222.32	-10436.8	-3112.51	
49070	9070	-2035.49	-155.465	15.639	-3.688	67.307	3222.316	-10436.8	-3112.51	
49070	9071	2035.485	176.575	-15.639	3.688	-188.628	-4510.21	-11859.7	-1608.07	
49071	9071	-2035.45	-176.575	19.252	4.684	188.628	4549.048	-11493.5	-1429.86	
49071	9072	2035.454	202.992	-19.252	-4.684	-371.526	-6352.04	-13446.5	605.81	
49072	9072	-5.452	458.014	-2.447	-12.912	37.707	23090.59	-10945.8	11131.46	
49072	9073	10.172	-417.779	2.447	12.912	-6.921	-17583.7	-10860.4	11073.55	
49073	9073	-21.741	417.338	-2.35	15.761	3.982	17583.65	-10890.2	11043.82	
49073	9074	25.136	-379.333	2.35	-15.761	25.52	-12584.7	-9885.47	10043.7	
49074	9074	-36.815	360.677	2.742	0.936	-24.119	12584.87	-9918.75	10010.72	
49074	9075	39.166	-322.203	-2.742	-0.936	-12.265	-8055.37	-7772.53	7816.39	

PIER 4 -- Cumulative Affects thru Day 120

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 5 -- Cumulative Affects thru Day 99	49075	9075	-48.947	247.555	1.216	-1.274	-2.206	-3395.66	3882.39	-4442.3
	49075	9076	49.909	-218.219	-1.216	1.274	-12.093	6133.45	7961.25	-8747.29
	49076	9076	-54.781	200.184	-0.294	2.943	12.012	-6133.58	7941.32	-8767.57
	49076	9077	55.013	-179.804	0.294	-2.943	-9.591	7700.046	10298.28	-11250.2
	49077	9077	-57.054	179.167	-0.273	-0.092	9.624	-7683.45	9177.29	-8820.91
	49077	9078	57.054	-143.296	0.273	0.092	-5.886	9894.567	11878.01	-11299.7
	49078	9078	-57.054	124.211	-0.086	6.564	5.886	-9894.58	11878.03	-11299.7
	49078	9079	57.054	-95.024	0.086	-6.564	-4.927	11117.73	13372.01	-12670.9
	49079	9079	-57.054	95.024	-0.032	-3.946	4.927	-11117.7	13372.01	-12670.9
	49079	9080	57.054	-65.812	0.032	3.946	-4.569	12015.82	14468.96	-13677.7
	49080	9080	-57.054	45.46	-0.087	0.803	4.569	-12015.8	14468.96	-13677.7
	49080	9081	57.054	-16.251	0.087	-0.803	-3.594	12360.38	14889.81	-14063.9
	49081	9081	-57.054	16.251	-0.087	0.803	3.594	-12360.4	14889.81	-14063.9
	49081	9082	57.054	12.957	0.087	-0.803	-2.619	12378.77	14912.27	-14084.5
	49082	9082	-57.055	-34.962	-0.064	4.645	2.619	-12378.8	14912.26	-14084.5
	49082	9083	57.055	66.367	0.064	-4.645	-1.854	11770.45	14169.26	-13402.6
	49083	9083	-57.055	-66.367	-0.019	-4.639	1.854	-11770.4	14169.26	-13402.6
	49083	9084	57.055	97.745	0.019	4.639	-1.629	10786.1	12966.94	-12299.1
	49084	9084	-57.055	-119.883	0.031	3.448	1.629	-10786.1	12966.95	-12299.1
	49084	9085	57.055	149.085	-0.031	-3.448	-1.972	9284.711	11133.12	-10616
	49085	9085	-57.054	-149.085	0.082	-4.858	1.972	-9284.71	11133.12	-10616
	49085	9086	57.054	178.285	-0.082	4.858	-2.884	7457.405	8901.2	-8567.5
	49086	9086	-57.054	-178.285	0.045	0.985	2.884	-7457.4	8901.19	-8567.49
	49086	9087	57.054	228.791	-0.045	-0.985	-3.389	5064.365	5978.28	-5884.82
	49087	9087	-57.054	-228.791	0.094	-3.327	3.389	-5064.36	5978.27	-5884.81
	49087	9088	57.054	257.989	-0.094	3.327	-4.436	2347.497	2659.82	-2839.1
	49088	9088	-57.055	-277.641	-0.478	-2.296	4.436	-2347.49	2659.81	-2839.1
	49088	9089	57.055	312.126	0.478	2.296	1.867	-1540.16	-2088.66	1519.1
	49089	9089	-53.508	-312.753	-0.438	-1.057	-1.879	1523.558	-1941.71	1648.24
	49089	9090	53.264	334.29	0.438	1.057	5.494	-4195.41	-4878.35	4752.21
	49090	9090	-45.447	-354.621	-0.2	-7.334	-5.726	4195.286	-4849.72	4780.56
	49090	9091	44.432	385.526	0.2	7.334	8.079	-8542.24	-8786.49	8914.56
	49091	9091	-36.338	-388.244	-1.612	3.227	-0.088	8798.695	-8372.36	8534.9
	49091	9092	34.012	426.419	1.612	-3.227	21.487	-14204.9	-11048.4	11288
	49092	9092	-20.2	-448.051	1.656	-24.905	-23.95	14204.58	-11009.2	11326.68
	49092	9093	16.839	485.745	-1.656	24.905	3.173	-20062.3	-12270.3	12581.97
49093	9093	-3.41	-486.025	1.799	22.976	1.735	20062.3	-12235.9	12616.3	
49093	9094	-1.267	525.972	-1.799	-22.976	-24.378	-26427.6	-12382.2	12716.05	
49094	9094	2247.85	181.819	-14.419	-4.179	220.44	6652.571	-14326.2	287.79	
49094	9095	2247.848	-155.636	14.419	4.179	-83.501	-5050.13	-12610.8	-1516.95	
49095	9095	-2247.87	155.636	-10.897	3.733	83.501	5050.131	-12872.4	-2119.8	
49095	9096	2247.868	-134.848	10.897	-3.733	1.009	-3923.72	-11706.6	-3352.36	
49096	9096	-2247.87	134.848	-11.005	3.544	-1.009	3923.716	-11706.6	-3352.35	
49096	9097	2247.867	-114.087	11.005	-3.544	86.252	-2959.66	-10708.9	-4407.26	
49097	9097	-2247.92	96.33	1.797	-1.749	-86.252	2959.62	-10709	-4407.46	
49097	9098	2247.915	-74.873	-1.797	1.749	71.864	-2274.36	-9999.79	-5157.3	
49098	9098	-2247.91	74.873	4.505	0.991	-71.864	2274.358	-9999.78	-5157.28	
49098	9099	2247.911	-53.443	-4.505	-0.991	35.846	-1761.42	-9468.92	-5718.55	
49099	9099	-2247.91	53.443	4.604	1.068	-35.846	1761.421	-9468.92	-5718.55	
49099	9100	2247.911	-31.987	-4.604	-1.068	-1.005	-1419.49	-9115.04	-6092.7	
49100	9100	-2247.9	16.279	-0.85	-0.799	1.005	1419.486	-9114.98	-6092.66	
49100	9101	2247.896	-0.188	0.85	0.799	4.099	-1370.06	-9063.83	-6146.74	
49101	9101	-2247.9	0.188	-0.975	-0.875	-4.099	1370.058	-9063.83	-6146.74	
49101	9102	2247.896	15.877	0.975	0.875	9.943	-1417.07	-9112.49	-6095.3	
49102	9102	-2247.9	-15.877	-0.85	-0.796	-9.943	1417.072	-9112.49	-6095.3	
49102	9103	2247.896	31.968	0.85	0.796	15.046	-1560.69	-9261.12	-5938.15	
49103	9103	-2247.89	-31.968	2.892	1.802	-15.046	1560.686	-9261.11	-5938.15	
49103	9104	2247.894	48.059	-2.892	-1.802	-2.317	-1800.89	-9509.7	-5675.31	
49104	9104	-2247.91	-63.735	-5.959	-2.461	2.317	1800.894	-9509.76	-5675.35	
49104	9105	2247.908	85.162	5.959	2.461	45.318	-2396.03	-10125.7	-5024.14	
49105	9105	-2247.91	-85.162	-3.064	0.625	-45.318	2396.029	-10125.7	-5024.16	
49105	9106	2247.914	106.615	3.064	-0.625	69.839	-3163.48	-10920	-4184.39	
49106	9106	-2247.91	-106.615	-3.148	0.506	-69.839	3163.48	-10920	-4184.39	
49106	9107	2247.914	128.041	3.148	-0.506	95.003	-4101.35	-11890.6	-3158.14	
49107	9107	-2247.87	-145.776	9.609	-3.502	-95.003	4101.395	-11890.5	-3157.96	
49107	9108	2247.874	166.557	-9.609	3.502	20.504	-5312.17	-13143.6	-1833.08	
49108	9108	-2247.87	-166.557	9.609	-3.502	-20.504	5312.174	-13143.6	-1833.08	
49108	9109	2247.874	187.339	-9.609	3.502	-53.995	-6684.07	-14563.4	-331.91	
49109	9109	-2247.86	-187.339	11.897	3.302	53.995	6684.074	-14359.9	323.22	
49109	9110	2247.863	213.539	-11.897	-3.302	-167.058	-8588.96	-16399.1	2468.58	
49110	9110	-13.803	492.522	-1.788	-17.808	16.861	28678.26	-13471.3	13764.46	
49110	9111	18.48	-452.591	1.788	17.808	5.633	-22736.3	-13904.2	14260.49	
49111	9111	-31.01	451.906	-1.673	19.044	-9.394	22736.29	-13936.2	14228.46	
49111	9112	34.371	-414.203	1.673	-19.044	30.396	-17302	-13437.4	13769.02	
49112	9112	-47.091	394.05	1.854	-1.83	-28.527	17302.4	-13473.6	13733.45	
49112	9113	49.417	-355.899	-1.854	1.83	3.93	-12328.8	-11726.8	11963.76	

SPAN 5 -- Cumulative Affects thru Day 99

PIER 5 -- Cumulative Affects thru Day 106

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 6 -- Cumulative Affects thru Day 85	49113	9113	-58.805	279.845	0.852	2.327	0.343	788.16	-1003.66	629.55
	49113	9114	59.816	-249.001	-0.852	-2.327	-10.367	2320.792	2373.09	-2954.28
	49114	9114	-65.346	230.222	-0.132	1.797	10.418	-2320.83	2352.98	-2974.49
	49114	9115	65.59	-208.767	0.132	-1.797	-9.33	4132.107	4491.53	-5244.95
	49115	9115	-67.957	208.009	-0.119	0.901	9.349	-4112.57	5781.83	-5829.46
	49115	9116	67.957	-174.287	0.119	-0.901	-7.712	6733.757	9647.4	-9364.45
	49116	9116	-67.958	155.217	-0.146	8.228	7.712	-6733.76	9647.41	-9364.46
	49116	9117	67.958	-127.769	0.146	-8.228	-6.081	8313.102	11976.53	-11494.4
	49117	9117	-67.958	127.769	-0.023	-6.792	6.081	-8313.1	11976.53	-11494.4
	49117	9118	67.958	-100.296	0.023	6.792	-5.821	9587.029	13855.24	-13212.4
	49118	9118	-67.958	79.325	-0.417	9.738	5.821	-9587.04	13855.25	-13212.5
	49118	9119	67.958	-51.877	0.417	-9.738	-1.163	10319.25	14935.08	-14199.9
	49119	9119	-67.959	51.877	-0.295	-8.891	1.163	-10319.3	14935.08	-14199.9
	49119	9120	67.959	-24.406	0.295	8.891	2.128	10745.35	15563.45	-14774.6
	49120	9120	-67.959	2.742	-0.053	8.817	-2.128	-10745.4	15563.49	-14774.6
	49120	9121	67.959	26.746	0.053	-8.817	2.767	10601.45	15351.24	-14580.5
	49121	9121	-67.959	-26.746	0.061	-8.974	-2.767	-10601.4	15351.24	-14580.5
	49121	9122	67.959	56.258	-0.061	8.974	2.039	10103.38	14616.72	-13908.8
	49122	9122	-67.959	-78.519	-0.227	11.664	-2.039	-10103.4	14616.72	-13908.8
	49122	9123	67.959	105.989	0.227	-11.664	4.574	9072.82	13096.91	-12519
	49123	9123	-67.959	-105.989	-0.044	-12.7	-4.574	-9072.82	13096.91	-12519
	49123	9124	67.959	133.459	0.044	12.7	5.07	7735.436	11124.61	-10715.4
	49124	9124	-67.959	-154.227	-0.243	4.424	-5.07	-7735.44	11124.62	-10715.4
	49124	9125	67.959	181.672	0.243	-4.424	7.783	5861.041	8360.36	-8187.49
	49125	9125	-67.959	-181.672	-0.121	-6.121	-7.783	-5861.04	8360.36	-8187.49
	49125	9126	67.959	209.141	0.121	6.121	9.132	3678.28	5141.35	-5243.78
	49126	9126	-67.959	-228.46	0.296	-0.575	-9.132	-3678.28	5141.36	-5243.78
	49126	9127	67.959	261.389	-0.296	0.575	5.168	398.654	304.75	-820.8
	49127	9127	-64.981	-262.145	0.391	-1.187	-5.182	-418.19	341.97	-948.49
	49127	9128	64.756	281.889	-0.391	1.187	1.959	-1823.36	-2968.77	2505.68
	49128	9128	-58.115	-300.67	-2.924	-5.434	-2.124	1823.327	-2939.38	2534.98
	49128	9129	57.182	329.111	2.924	5.434	36.497	-5524.88	-7556.32	7342.83
	49129	9129	-55.038	-333.067	-5.316	7.247	-42.889	5888.053	-6241.41	6165.77
	49129	9130	52.776	370.19	5.316	-7.247	113.461	-10554.1	-9049.15	9083.85
	49130	9130	-40.452	-393.406	9.921	-6.353	-114.71	10554.07	-9012.25	9120.64
	49130	9131	37.179	430.111	-9.921	6.353	-9.793	-15719.5	-10520.3	10659.03
	49131	9131	-25.319	-430.971	9.981	5.891	11.078	15719.45	-10488.4	10690.98
	49131	9132	20.758	469.964	-9.981	-5.891	-136.793	-21390.5	-10894.8	11083.13
	49132	9132	-1896.9	172.314	2.901	2.17	-12.388	5222.692	-12641.2	-31.18
	49132	9133	1896.895	-146.873	-2.901	-2.17	-15.173	-3706.55	-10857.3	-1907.97
	49133	9133	-1896.9	146.873	0.454	-2.612	15.173	3706.554	-12971.3	-2598.59
	49133	9134	1896.897	-127.831	-0.454	2.612	-18.688	-2642.07	-11516	-4122.17
	49134	9134	-1896.9	127.831	2.901	0.797	18.688	2642.073	-11516	-4122.16
	49134	9135	1896.895	-108.79	-2.901	-0.797	-41.173	-1725.17	-10262.4	-5434.52
	49135	9135	-1896.9	90.416	0.365	-0.983	41.173	1725.166	-10262.4	-5434.53
	49135	9136	1896.897	-70.76	-0.365	0.983	-44.092	-1080.46	-9380.95	-6357.28
	49136	9136	-1896.9	70.76	2.736	0.368	44.092	1080.464	-9380.94	-6357.27
	49136	9137	1896.895	-51.103	-2.736	-0.368	-65.981	-593.012	-8714.49	-7054.96
49137	9137	-1896.9	51.103	2.736	0.368	65.981	593.012	-8714.49	-7054.96	
49137	9138	1896.895	-31.447	-2.736	-0.368	-87.869	-262.809	-8263.04	-7527.57	
49138	9138	-1896.89	13.954	-4.676	-0.346	87.869	262.809	-8263.04	-7527.57	
49138	9139	1896.894	0.789	4.676	0.346	-59.815	-223.314	-8209.04	-7584.1	
49139	9139	-1896.9	-0.789	-1.514	0.026	59.815	223.314	-8209.06	-7584.12	
49139	9140	1896.899	15.531	1.514	-0.026	-50.729	-272.271	-8276	-7514.05	
49140	9140	-1896.9	-15.531	-1.514	0.026	50.729	272.271	-8276	-7514.05	
49140	9141	1896.899	30.273	1.514	-0.026	-41.644	-409.682	-8463.86	-7317.37	
49141	9141	-1896.89	-30.273	-4.676	-0.656	41.644	409.681	-8463.84	-7317.35	
49141	9142	1896.894	45.015	4.676	0.656	-13.589	-635.544	-8772.64	-6994.08	
49142	9142	-1896.9	-62.375	-1.653	-0.137	13.589	635.545	-8772.66	-6994.1	
49142	9143	1896.899	82.031	1.653	0.137	-0.363	-1213.17	-9562.39	-6167.35	
49143	9143	-1896.9	-82.031	-4.024	-1.654	0.363	1213.17	-9562.38	-6167.34	
49143	9144	1896.896	101.687	4.024	1.654	31.833	-1948.05	-10567.1	-5115.52	
49144	9144	-1896.9	-101.687	-1.653	0.781	-31.833	1948.046	-10567.1	-5115.53	
49144	9145	1896.899	121.344	1.653	-0.781	45.059	-2840.17	-11786.8	-3838.65	
49145	9145	-1896.9	-137.774	2.363	0.768	-45.059	2840.17	-11786.8	-3838.63	
49145	9146	1896.895	156.816	-2.363	-0.768	26.743	-3981.71	-13347.5	-2204.76	
49146	9146	-1896.9	-156.816	-0.084	-4.369	-26.743	3981.706	-13347.5	-2204.77	
49146	9147	1896.897	175.858	0.084	4.369	27.395	-5270.82	-15110	-359.68	
49147	9147	-1896.9	-175.858	2.363	2.432	-27.395	5270.821	-12697.8	28.39	
49147	9148	1896.895	201.298	-2.363	-2.432	4.942	-7062.31	-14805.7	2246.03	
49148	9148	-22.875	415.714	0.008	0.392	-19.749	23627.36	-12034	12242.23	
49148	9149	27.437	-376.752	-0.008	-0.392	19.654	-18643.3	-12432.3	12686.51	
49149	9149	-37.83	375.85	0.008	0.934	-19.636	18643.31	-12460.3	12658.51	
49149	9150	41.103	-339.145	-0.008	-0.934	19.541	-14158.9	-12051.1	12275.23	
49150	9150	-51.433	324.324	-0.647	0.448	-19.444	14158.9	-12082	12244.35	
49150	9151	53.695	-287.201	0.647	-0.448	28.031	-10101.7	-10575.6	10710.49	

PIER 6 -- Cumulative Affects thru Day 92

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 7 -- Cumulative Affects thru Day 54	49151	9151	-68.974	205.94	0.423	1.319	-14.251	-1180.85	1270.26	-1914.19
	49151	9152	69.92	-177.101	-0.423	-1.319	9.28	3431.981	4740.34	-5563.85
	49152	9152	-73.892	158.529	0.231	-2.007	-9.21	-3431.98	4722.79	-5581.4
	49152	9153	74.12	-138.482	-0.231	2.007	7.301	4657.173	6708.05	-7663.12
	49153	9153	-75.689	137.631	0.176	1.464	-7.323	-4657.17	7495.9	-8510.23
	49153	9154	75.689	-105.221	-0.176	-1.464	4.899	6326.776	10313.64	-11430.7
	49154	9154	-75.689	85.787	-0.029	3.486	-4.899	-6326.78	10313.64	-11430.7
	49154	9155	75.689	-59.859	0.029	-3.486	5.223	7127.829	11665.56	-12831.9
	49155	9155	-75.689	59.859	0.039	-2.994	-5.223	-7127.83	11665.56	-12831.9
	49155	9156	75.689	-33.931	-0.039	2.994	4.79	7643.674	12536.14	-13734.2
	49156	9156	-75.689	13.411	0.088	3.894	-4.79	-7643.67	12536.13	-13734.2
	49156	9157	75.689	10.16	-0.088	-3.894	3.91	7659.925	12563.56	-13762.7
	49157	9157	-75.689	-10.16	0.164	-3.766	-3.91	-7659.93	12563.56	-13762.7
	49157	9158	75.689	33.731	-0.164	3.766	2.273	7440.469	12193.19	-13378.8
	49158	9158	-75.689	-53.664	0	3.282	-2.273	-7440.47	12193.19	-13378.8
	49158	9159	75.689	77.234	0	-3.282	2.269	6785.979	11088.63	-12233.9
	49159	9159	-75.689	-77.234	0.076	-3.504	-2.269	-6785.98	11088.63	-12233.9
	49159	9160	75.689	100.805	-0.076	3.504	1.508	5895.781	9586.26	-10676.8
	49160	9160	-75.689	-120.961	0.199	-0.273	-1.508	-5895.78	9586.26	-10676.8
	49160	9161	75.689	146.865	-0.199	0.273	-0.681	4424.078	7102.51	-8102.5
	49161	9161	-75.689	-146.865	0.199	-0.277	0.681	-4424.08	7102.51	-8102.5
	49161	9162	75.689	172.793	-0.199	0.277	-2.872	2665.958	4135.38	-5027.19
	49162	9162	-75.689	-191.556	-0.201	-0.389	2.872	-2665.96	4135.38	-5027.19
	49162	9163	75.689	223.966	0.201	0.389	-0.106	-190.759	-685.83	-30.21
	49163	9163	-73.138	-224.812	-0.293	-0.621	0.099	190.758	-614.83	-26.18
	49163	9164	72.911	244.859	0.293	0.621	2.317	-2128.22	-3453.33	2936.44
	49164	9164	-67.11	-262.784	0.32	0.855	-2.283	2128.219	-3427.7	2962.07
	49164	9165	66.164	291.623	-0.32	-0.855	-1.474	-5386.66	-7411.5	7114.92
	49165	9165	-63.307	-295.435	-1.14	-2.973	9.744	5770.843	-6678.76	6515.35
	49165	9166	61.06	332.307	1.14	2.973	5.394	-9935.69	-9257.34	9195.31
	49166	9166	-50.264	-350.104	0.761	-6.202	-5.777	9935.685	-9223.44	9229.2
	49166	9167	47.012	386.572	-0.761	6.202	-3.767	-14556.1	-10531.7	10571.52
	49167	9167	-36.318	-387.723	0.825	5.262	4.949	14556.14	-10501.6	10601.62
	49167	9168	31.784	426.447	-0.825	-5.262	-15.337	-19676.8	-10772.2	10869.59
49168	9168	-1786.61	181.646	-2.959	-0.991	48.057	5138.458	-13065.9	428.48	
49168	9169	1786.605	-156.386	2.959	0.991	-19.946	-3532.81	-11005.8	-1728.14	
49169	9169	-1786.61	156.386	-1.078	2.728	19.946	3532.806	-12826.9	-2402.87	
49169	9170	1786.607	-137.26	1.078	-2.728	-11.588	-2394.93	-11186.6	-4120.04	
49170	9170	-1786.61	137.26	-3.384	-0.362	11.588	2394.929	-11186.6	-4120.03	
49170	9171	1786.604	-118.135	3.384	0.362	14.637	-1405.27	-9759.96	-5613.52	
49171	9171	-1786.61	101.061	1.482	0.7	-14.637	1405.271	-9759.97	-5613.53	
49171	9172	1786.607	-81.319	-1.482	-0.7	2.778	-675.752	-8708.35	-6714.45	
49172	9172	-1786.61	81.319	-0.751	-0.145	-2.778	675.753	-8708.35	-6714.45	
49172	9173	1786.607	-61.576	0.751	0.145	8.785	-104.172	-7884.4	-7577.02	
49173	9173	-1786.61	61.576	1.482	-0.015	-8.785	104.173	-7884.4	-7577.02	
49173	9174	1786.607	-41.834	-1.482	0.015	-3.073	309.469	-7288.12	-8201.25	
49174	9174	-1786.61	24.134	0.846	-0.186	3.073	-309.469	-7288.12	-8201.25	
49174	9175	1786.607	-9.327	-0.846	0.186	-8.15	409.852	-7143.42	-8352.74	
49175	9175	-1786.61	9.327	-2.132	0.497	8.15	-409.852	-7143.41	-8352.73	
49175	9176	1786.606	5.48	2.132	-0.497	4.639	421.395	-7126.77	-8370.15	
49176	9176	-1786.61	-5.48	0.846	-0.205	-4.639	-421.395	-7126.78	-8370.16	
49176	9177	1786.607	20.286	-0.846	0.205	-0.438	344.098	-7238.2	-8253.51	
49177	9177	-1786.61	-20.286	0.846	-0.205	0.438	-344.098	-7238.2	-8253.51	
49177	9178	1786.607	35.093	-0.846	0.205	-5.515	177.96	-7477.69	-8002.79	
49178	9178	-1786.61	-52.729	-1.951	-0.075	5.515	-177.96	-7477.69	-8002.78	
49178	9179	1786.606	72.471	1.951	0.075	10.089	-322.842	-8199.61	-7247.02	
49179	9179	-1786.61	-72.471	0.283	0.329	-10.089	322.842	-8199.61	-7247.03	
49179	9180	1786.607	92.214	-0.283	-0.329	7.828	-981.582	-9149.21	-6252.92	
49180	9180	-1786.61	-92.214	-1.951	-0.898	-7.828	981.581	-9149.2	-6252.92	
49180	9181	1786.606	111.956	1.951	0.898	23.432	-1798.26	-10326.5	-5020.47	
49181	9181	-1786.61	-128.897	3.614	0.933	-23.432	1798.26	-10326.5	-5020.47	
49181	9182	1786.607	148.023	-3.614	-0.933	-4.579	-2871.33	-11873.3	-3401.11	
49182	9182	-1786.61	-148.023	3.614	0.933	4.579	2871.325	-11873.3	-3401.11	
49182	9183	1786.607	167.148	-3.614	-0.933	-32.589	-4092.61	-13633.9	-1558.07	
49183	9183	-1786.61	-167.148	1.734	-3.375	32.589	4092.611	-11724.1	-976.26	
49183	9184	1786.61	192.408	-1.734	3.375	-49.059	-5800.5	-13915.3	1317.68	
49184	9184	-38.116	406.034	-1.151	-5.81	6.164	20493.21	-11231.6	11308.17	
49184	9185	42.65	-367.309	1.151	5.81	8.325	-15629.5	-11286.3	11373.09	
49185	9185	-52.778	365.992	-1.083	6.876	-9.592	15629.49	-11314.8	11344.57	
49185	9186	56.029	-329.524	1.083	-6.876	23.186	-11267.3	-10456.6	10469.19	
49186	9186	-66.141	313.352	1.45	0.34	-22.546	11267.31	-10488.3	10437.45	
49186	9187	68.387	-276.48	-1.45	-0.34	3.295	-7354.09	-8468.99	8344.97	

PIER 7 -- Cumulative Affects thru Day 61

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 8 -- Cumulative Affects thru Day 40	49187	9187	-66.353	187.515	0.15	1.164	-8.89	-4139.68	5198.11	-5965.53
	49187	9188	67.32	-158.058	-0.15	-1.164	7.127	6170.566	8780.98	-9745.55
	49188	9188	-70.889	139.093	0.332	-2.451	-7.057	-6170.57	8765.2	-9761.32
	49188	9189	71.122	-118.612	-0.332	2.451	4.317	7233.611	10615.51	-11706.1
	49189	9189	-72.465	117.796	0.279	2.817	-4.345	-7244.36	9721.01	-11552.7
	49189	9190	72.465	-83.261	-0.279	-2.817	0.503	8626.628	11635.44	-13697.4
	49190	9190	-72.465	62.884	-0.017	-3.735	-0.503	-8626.63	11635.44	-13697.4
	49190	9191	72.465	-35.256	0.017	3.735	0.691	9166.395	12383.01	-14534.9
	49191	9191	-72.465	35.256	-0.083	4.598	-0.691	-9166.39	12383.01	-14534.9
	49191	9192	72.465	-7.628	0.083	-4.598	1.604	9402.253	12709.67	-14900.9
	49192	9192	-72.465	-13.504	0.006	4.718	-1.604	-9402.25	12709.67	-14900.9
	49192	9193	72.465	38.495	-0.006	-4.718	1.544	9143.556	12351.38	-14499.5
	49193	9193	-72.465	-38.495	0.079	-4.472	-1.544	-9143.56	12351.38	-14499.5
	49193	9194	72.465	63.486	-0.079	4.472	0.759	8636.201	11648.7	-13712.2
	49194	9194	-72.465	-84.259	0.031	3.69	-0.759	-8636.2	11648.7	-13712.3
	49194	9195	72.465	109.25	-0.031	-3.69	0.447	7673.495	10315.36	-12218.5
	49195	9195	-72.465	-109.25	0.104	-4.022	-0.447	-7673.5	10315.36	-12218.5
	49195	9196	72.465	134.216	-0.104	4.022	-0.589	6463.472	8639.49	-10341.1
	49196	9196	-72.466	-155.343	0.078	1.63	0.589	-6463.48	8639.49	-10341.1
	49196	9197	72.466	182.971	-0.078	-1.63	-1.441	4602.752	6062.41	-7453.96
	49197	9197	-72.465	-182.971	0.143	-2.554	1.441	-4602.75	6062.41	-7453.96
	49197	9198	72.465	210.599	-0.143	2.554	-3.018	2438.121	3064.42	-4095.33
	49198	9198	-72.463	-231.037	-0.224	-0.93	3.018	-2438.12	3064.43	-4095.32
	49198	9199	72.463	265.597	0.224	0.93	0.063	-978.72	-1667.86	1206.24
49199	9199	-69.381	-266.419	-0.171	-0.268	-0.066	999.572	-1631.12	1048.57	
49199	9200	69.134	287.741	0.171	0.268	1.48	-3285.58	-4601.89	3973.73	
49200	9200	-62.23	-307.336	-0.66	-1.806	-1.538	3285.584	-4574.32	4001.32	
49200	9201	61.206	337.991	0.66	1.806	9.293	-7078.54	-8635.34	8002.69	
49201	9201	-57.229	-343.178	-3.344	-0.483	2.215	7622.526	-7248.61	6861.16	
49201	9202	54.746	383.377	3.344	0.483	42.183	-12443.5	-9634.04	9239.5	
49202	9202	-42.143	-404.48	2.868	5.027	-41.79	12443.44	-9599.35	9274.15	
49202	9203	38.57	444.086	-2.868	-5.027	5.8	-17766.5	-10793.4	10470.82	
49203	9203	-26.268	-444.983	2.805	-8.929	-7.327	17766.47	-10762.7	10501.56	
49203	9204	21.32	486.846	-2.805	8.929	-27.979	-23628.3	-10982.7	10741.5	
49204	9204	-2117.58	200.317	-13.102	-3.173	262.442	6365.294	-13339.3	119.47	
49204	9205	2117.577	-172.672	13.102	3.173	-137.973	-4593.59	-11462.6	-1749.92	
49205	9205	-2117.59	172.672	-10.873	2.995	137.973	4334.013	-12563.3	-2526.87	
49205	9206	2117.589	-151.601	10.873	-2.995	-53.707	-3077.45	-11145.3	-4018.72	
49206	9206	-2117.59	151.601	-10.873	2.995	53.707	3077.454	-11145.3	-4018.72	
49206	9207	2117.589	-130.53	10.873	-2.995	30.559	-1984.2	-9911.54	-5316.69	
49207	9207	-2117.64	110.989	-3.347	-0.867	-30.559	1984.19	-9911.72	-5316.88	
49207	9208	2117.64	-89.239	3.347	0.867	57.334	-1183.28	-9007.91	-6267.76	
49208	9208	-2117.64	89.239	-0.7	0.612	-57.334	1183.277	-9007.92	-6267.77	
49208	9209	2117.642	-67.488	0.7	-0.612	62.933	-556.371	-8300.47	-7012.07	
49209	9209	-2117.64	67.488	1.947	1.307	-62.933	556.37	-8300.46	-7012.06	
49209	9210	2117.642	-45.737	-1.947	-1.307	47.356	-103.47	-7789.38	-7549.77	
49210	9210	-2117.61	27.367	-5.512	0.018	-47.356	103.464	-7789.26	-7549.66	
49210	9211	2117.611	-11.054	5.512	-0.018	80.428	11.798	-7659.19	-7686.51	
49211	9211	-2117.62	11.054	-1.983	-0.001	-80.428	-11.798	-7659.21	-7686.53	
49211	9212	2117.617	5.26	1.983	0.001	92.325	29.18	-7639.6	-7707.17	
49212	9212	-2117.62	-5.26	1.546	-0.05	-92.325	-29.18	-7639.6	-7707.17	
49212	9213	2117.617	21.573	-1.546	0.05	83.047	-51.32	-7730.44	-7611.6	
49213	9213	-2117.61	-21.573	5.076	0.035	-83.047	51.32	-7730.42	-7611.58	
49213	9214	2117.612	37.887	-5.076	-0.035	52.592	-229.705	-7931.72	-7399.79	
49214	9214	-2117.68	-56.006	-6.833	-2.922	-52.592	229.721	-7931.97	-7400	
49214	9215	2117.676	77.731	6.833	2.922	107.193	-764.026	-8534.92	-6765.65	
49215	9215	-2117.69	-77.731	-1.566	-1.022	-107.193	764.031	-8534.97	-6765.68	
49215	9216	2117.686	99.483	1.566	1.022	119.725	-1472.94	-9334.96	-5924.02	
49216	9216	-2117.68	-99.483	3.727	2.66	-119.725	1472.94	-9334.94	-5924.02	
49216	9217	2117.683	121.236	-3.727	-2.66	89.906	-2355.92	-10331.4	-4875.7	
49217	9217	-2117.64	-141.317	11.074	-11.748	-89.906	2356.111	-10331.4	-4875.3	
49217	9218	2117.635	162.391	-11.074	11.748	4.073	-3533.15	-11659.7	-3477.86	
49218	9218	-2117.58	-162.391	19.268	1.924	-4.073	3533.165	-11659.5	-3477.62	
49218	9219	2117.576	183.467	-19.268	-1.924	-145.287	-4873.65	-13172.2	-1886.13	
49219	9219	-2117.57	-183.467	20.131	6.376	145.287	5133.227	-12034.2	-1180.51	
49219	9220	2117.568	211.118	-20.131	-6.376	-336.569	-7007.92	-14019.9	797.56	
49220	9220	-5.282	458.11	-3.216	-29.224	25.891	24526.38	-11362.6	11187.36	
49220	9221	10.229	-416.267	3.216	29.224	14.575	-19028.7	-11482.6	11292.42	
49221	9221	-21.794	415.823	-3.029	31.405	-20.811	19028.73	-11511.5	11263.51	
49221	9222	25.367	-376.201	3.029	-31.405	58.84	-14058.5	-10784.1	10539.04	
49222	9222	-37.22	352.039	4.832	-1.447	-55.799	14060.27	-10818	10507.79	
49222	9223	39.703	-311.851	-4.832	1.447	-8.333	-9656.38	-9085.32	8789.24	

SPAN 8 -- Cumulative Affects thru Day 40

PIER 8 -- Cumulative Affects thru Day 47

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS
SPAN 9 -- Cumulative Affects thru Day 26	49223	9223	-54.639	218.048	1.735	-1.76	-32.367	-1947.28	2100.11	-2476.95
	49223	9224	55.684	-186.789	-1.735	1.76	11.974	4326.142	5473.19	-5818.38
	49224	9224	-59.987	167.513	0.837	11.361	-12.158	-4326.85	5456.93	-5836.48
	49224	9225	60.239	-145.746	-0.837	-11.361	5.247	5620.045	7355.01	-7711.41
	49225	9225	-61.919	145.039	1.045	-7.624	-5.115	-5628.68	6219.11	-7043.74
	49225	9226	61.919	-105.451	-1.045	7.624	-10.023	7442.592	8296.65	-9240.31
	49226	9226	-61.935	86.525	0.263	11.346	10.023	-7443.44	8297.56	-9241.39
	49226	9227	61.935	-55.441	-0.263	-11.346	-13.016	8250.646	9222.09	-10218.9
	49227	9227	-61.934	55.441	0.426	-10.395	13.016	-8250.65	9222.09	-10218.9
	49227	9228	61.934	-24.352	-0.426	10.395	-17.865	8704.4	9741.79	-10768.4
	49228	9228	-61.936	5.912	0.252	10.891	17.865	-8704.77	9742.21	-10768.8
	49228	9229	61.936	25.156	-0.252	-10.891	-20.733	8595.406	9616.95	-10636.4
	49229	9229	-61.935	-25.156	0.416	-11.762	20.733	-8595.4	9616.95	-10636.4
	49229	9230	61.935	56.228	-0.416	11.762	-25.457	8132.837	9087.16	-10076.2
	49230	9230	-61.938	-75.479	1.626	11.191	25.457	-8132.49	9086.74	-10075.8
	49230	9231	61.938	-108.392	-1.626	-11.191	-45.039	7025.493	7818.86	-8735.29
	49231	9231	-61.934	-108.392	1.769	-5.019	45.039	-7025.5	7818.88	-8735.28
	49231	9232	61.934	132.93	-1.769	5.019	-60.922	5942.342	6578.3	-7423.62
	49232	9232	-61.188	-133.272	2.001	-27.627	60.769	-5942.28	6244.37	-6976.53
	49232	9233	61.14	141.854	-2.001	27.627	-66.927	5519.062	5756.76	-6463.91
	49233	9233	-58.797	-161.832	-4.341	4.557	67.179	-5518.91	5764.81	-6455.53
	49233	9234	58.284	188.514	4.341	-4.557	-25.797	3849.317	3763.2	-4342.39
	49234	9234	-54.801	-189.559	-4.178	-6.061	25.494	-3849.32	3775.22	-4330.38
	49234	9235	54.014	210.415	4.178	6.061	5.392	2371.104	2091.18	-2550.69
	49235	9235	-50.771	-211.224	-3.993	-13.072	-5.863	-2371.08	1460.44	-1791.77
	49235	9236	49.653	232.241	3.993	13.072	30.755	988.86	493.82	-757.15
	49236	9236	-44.37	-251.662	6.075	-6.79	-30.572	-988.785	506.1	-744.78
	49236	9237	41.967	285.607	-6.075	6.79	-29.385	-1661.73	-972.5	826.61
	49237	9237	-28.801	-302.825	5.702	0.22	133.576	4313.461	-2346.98	2323.09
	49237	9238	25.714	336.39	-5.702	-0.22	-187.033	-7309.12	-3326.65	3348.07
49238	9238	-15.898	-361.296	-4.835	-13.937	185.832	7308.278	-3305.83	3368.12	
49238	9239	12.162	394.592	4.835	13.937	-142.356	-10706.1	-4055.69	4145.08	
49239	9239	-6.69	-394.724	-4.72	5.687	144.877	10706.08	-4045.02	4155.73	
49239	9240	4.797	409.711	4.72	-5.687	-126.262	-12292.1	-4289.83	4407.81	
49240	9240	-1632.18	256.762	15.798	14.755	679.751	2701.095	-6098.86	-1894.03	
49240	9241	1632.181	-235.718	-15.798	-14.755	-779.775	-1142.05	-4922.14	-3144.29	
49241	9241	-1629.8	187.942	-34.128	-0.59	779.775	1141.318	-4915.67	-3138.96	
49241	9242	1629.802	-177.437	34.128	0.59	-671.906	-563.89	-4479.84	-3602.03	
49242	9242	-1629.87	177.437	-30.981	0.499	671.906	563.89	-4609.95	-3721.4	
49242	9243	1629.865	-137.006	30.981	-0.499	-289.17	1378.397	-3126.05	-5298.05	
49243	9243	-1629.94	137.006	-26.666	-3.15	289.17	-1378.39	-3126.25	-5298.24	
49243	9244	1629.941	-107.604	26.666	3.15	-49.601	2477.172	-2286.78	-6190.17	
49244	9244	-1629.67	83.143	-30.343	6.138	49.601	-2476.49	-2286.63	-6188.93	
49244	9245	1629.674	-48.935	30.343	-6.138	267.551	3166.747	-1759.27	-6749.25	
49245	9245	-1629.75	48.935	-25.814	-2.661	-267.551	-3166.75	-1759.46	-6749.45	
49245	9246	1629.752	-18.926	25.814	2.661	504.256	3477.877	-1521.77	-7002.01	
49246	9246	-1630.19	3.06	-9.974	6.357	-504.256	-3477.19	-1523.41	-7002.57	
49246	9247	1630.19	-31.462	9.974	-6.357	609.471	3327.386	-1637.86	-6880.97	
49247	9247	-1630.21	31.462	-4.537	-4.741	-609.471	-3327.39	-1637.92	-6881.03	
49247	9248	1630.214	61.194	4.537	4.741	650.692	2906.511	-1959.47	-6539.39	
49248	9248	-1630.27	-78.682	0.836	2.514	-650.692	-2906.13	-1959.91	-6539.23	
49248	9249	1630.272	109.736	-0.836	-2.514	642.757	2012.216	-2642.86	-5813.59	
49249	9249	-1630.27	-109.736	4.824	-2.408	-642.757	-2012.22	-2642.84	-5813.57	
49249	9250	1630.265	142.903	-4.824	2.408	593.871	732.027	-3620.9	-4774.39	
49250	9250	-1630.42	-160.053	19.933	-2.503	-593.871	-731.959	-3621.35	-4774.73	
49250	9251	1630.419	192.378	-19.933	2.503	396.996	-1008.53	-4951.07	-3361.89	
49251	9251	-1630.37	-192.378	23.929	-0.032	-396.996	1008.531	-4950.94	-3361.75	
49251	9252	1630.365	224.283	-23.929	0.032	163.719	-3039.52	-6502.61	-1713.1	
49252	9252	-1629.95	-253.27	2.423	-64.084	-163.719	3038.391	-6500.68	-1712.95	
49252	9253	1629.949	263.61	-2.423	64.084	156.063	-3854.92	-7124.5	-1050.14	
49253	9253	-1629.94	-263.61	5.453	-56.918	-156.063	3855.032	-6964.25	-963.06	
49253	9254	1629.942	295.187	-5.453	56.918	104.253	-6509.44	-8967.72	1165.62	
49254	9254	-4.76	360.133	-28.7	67.68	109.433	16868.63	-5882.8	6051.55	
49254	9255	10.007	-315.519	28.7	-67.68	232.736	-12843.3	-5662.55	5839.11	
49255	9255	-22.142	272.906	22.193	-16.261	-222.688	12841.93	-5687.05	5813.41	
49255	9256	25.698	-234.604	-22.193	16.261	-14.37	-10132.7	-5446.45	5578.17	
49256	9256	-31.194	233.921	22.36	19.14	11.517	10132.68	-5458.64	5565.99	
49256	9257	33.826	-195.713	-22.36	-19.14	-257.682	-7768.76	-4962.48	5061.9	
49257	9257	-38.391	168.921	-9.668	-10.25	259.265	7768.637	-4973.12	5051.1	
49257	9258	39.237	-152.57	9.668	10.25	-212.821	-6996.47	-4761.89	4834.6	
49258	9258	-41.834	151.883	-9.589	-2.199	212.211	6996.494	-6849.15	6847.77	
49258	9259	42.838	-123.016	9.589	2.199	-115.289	-5607.52	-6036.05	6006.08	
49259	9259	-45.12	122.207	-9.464	10.516	114.986	5607.516	-6043.97	5998.16	
49259	9260	45.432	-103.144	9.464	-10.516	-51.315	-4849.55	-5404.64	5331.05	

SPAN 9 -- Cumulative Affects thru Day 26

PIER 9 -- Cumulative Affects thru Day 33

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP STRESS	BOTTOM STRESS	
SPAN 10 -- Cumulative Affects thru Day 5	49260	9260	-123.782	126.882	0.255	24.092	-7.643	-4730.88	4683.39	-5789.61	
	49260	9261	123.834	-117.691	-0.255	-24.092	6.837	5118.125	5128.73	-6258.51	
	49261	9261	-124.496	116.988	0.65	8.049	-6.7	-5086.63	5737.34	-6209.95	
	49261	9262	124.496	-84.244	-0.65	-8.049	-0.747	6239.809	7140.87	-7514.98	
	49262	9262	-124.494	84.244	1.042	-11.629	0.747	-6239.8	7140.88	-7514.97	
	49262	9263	124.494	-56.041	-1.042	11.629	-11.038	6932.207	7983.59	-8298.54	
	49263	9263	-124.493	33.732	1.197	7.434	11.038	-6932.69	7984.18	-8299.08	
	49263	9264	124.493	-0.177	-1.197	-7.434	-25.102	7131.82	8226.54	-8524.44	
	49264	9264	-124.49	0.177	1.422	-5.447	25.102	-7131.82	8226.55	-8524.43	
	49264	9265	124.49	32.146	-1.422	5.447	-41.194	6950.978	8006.45	-8319.77	
	49265	9265	-124.503	-52.952	0.911	5.263	41.194	-6951.71	8007.29	-8320.64	
	49265	9266	124.503	86.568	-0.911	-5.263	-51.918	6130.883	7008.27	-7391.74	
	49266	9266	-124.501	-86.568	1.124	-5.182	51.918	-6130.88	7008.28	-7391.73	
	49266	9267	124.501	118.835	-1.124	5.182	-64.607	4970.956	5596.54	-6079.07	
	49267	9267	-124.49	-139.757	1.899	2.592	64.607	-4971.68	5597.47	-6079.85	
	49267	9268	124.49	158.865	-1.899	-2.592	-77.307	3973.053	4382.05	-4949.72	
	49268	9268	-124.489	-158.865	1.969	0.359	77.307	-3973.05	4382.05	-4949.72	
	49268	9269	124.489	178.091	-1.969	-0.359	-90.556	2839.315	3002.19	-3666.7	
	49269	9269	-122.235	-179.643	2.166	-5.835	90.49	-2870.86	2378.11	-3262.08	
	49269	9270	121.859	209.518	-2.166	5.835	-111.366	995.87	556.99	-1334.18	
	49270	9270	-116.719	-232.293	-3.145	-6.084	111.287	-996.053	572.57	-1318.95	
	49270	9271	115.599	264.768	3.145	6.084	-78.642	-1582.85	-1670.62	1061.41	
	49271	9271	-110.27	-267.034	-2.927	-4.609	78.671	1571.126	-1236.03	833.62	
	49271	9272	108.671	296.324	2.927	4.609	-54.796	-3868.73	-2420.3	2147.22	
	49272	9272	-104.434	-297.847	-2.633	3.7	55.351	3868.722	-2411.02	2156.49	
	49272	9273	103.135	316.679	2.633	-3.7	-41.763	-5454.45	-3062.39	2873.87	
	49273	9273	-95.044	-340.429	7.046	-26.531	39.241	5455.443	-3045.67	2891.67	
	49273	9274	91.116	385.21	-7.046	26.531	-123.364	-9784.99	-4317.27	4276.6	
	49274	9274	-80.562	-387.546	7.512	6.478	126.786	9784.977	-4296.46	4297.4	
	49274	9275	74.6	439.278	-7.512	-6.478	-225.515	-15215.2	-5115.28	5175.72	
	49275	9275	-1740.81	90.342	-46.824	1.187	1033.149	1279.423	-5023.23	-3108.82	
	49275	9276	1740.812	-73.312	46.824	-1.187	-804.516	-879.88	-4739.73	-3423.15	
	49276	9276	-1740.86	73.312	-44.818	2.201	804.516	879.878	-4739.85	-3423.28	
	49276	9277	1740.864	-57.199	44.818	-2.201	-597.468	-578.413	-4525.94	-3660.46	
	49277	9277	-1740.94	57.199	-41.974	-0.537	597.468	731.176	-5329.27	-4148.25	
	49277	9278	1740.935	-27.3	41.974	0.537	-210.808	-341.984	-5024.48	-4472.09	
	PIER 10 -- Cumulative Affects thru Day 19	49278	9278	-2618.6	234.428	-28.314	-11.418	297.332	7219.924	-12808.9	-1147.01
		49278	9279	2618.596	-197.842	28.314	11.418	22.855	-4775.81	-10894.8	-3180.73
		49279	9279	-2618.69	197.842	-17.1	9.034	-22.855	4775.818	-10895.1	-3180.99
		49279	9280	2618.694	-160.141	17.1	-9.034	222.117	-2690.1	-9261.63	-4916.5
		49280	9280	-2619.13	136.59	-24.557	-3.156	-222.117	2690.608	-9263.23	-4917.27
		49280	9281	2619.132	-98.707	24.557	3.156	509.659	-1313.05	-8184.41	-6063.52
		49281	9281	-2619.21	98.707	-14.013	2.13	-509.659	1313.057	-8184.62	-6063.73
		49281	9282	2619.21	-60.07	14.013	-2.13	677.006	-365.003	-7442.16	-6852.6
		49282	9282	-2619.36	35.622	-11.228	-0.455	-677.006	365.095	-7442.63	-6852.92
		49282	9283	2619.357	0.928	11.228	0.455	816.305	-149.881	-7274.09	-7032
		49283	9283	-2619.38	-0.928	1.306	0.262	-816.305	149.881	-7274.16	-7032.06
		49283	9284	2619.381	34.029	-1.306	-0.262	801.633	-346.262	-7427.95	-6868.66
		49284	9284	-2618.12	-68.286	53.264	-2.214	-801.633	346.341	-7424.56	-6865.14
49284		9285	2618.117	98.122	-53.264	2.214	262.209	-1188.98	-8084.47	-6163.99	
49285		9285	-2617.95	-98.122	61.009	1.304	-262.209	1188.983	-8084.01	-6163.52	
49285		9286	2617.948	125.751	-61.009	-1.304	-309.956	-2238.76	-8906.13	-5290.02	
49286		9286	-2617.88	-160.838	-9.999	-34.755	309.956	2238.856	-8906.01	-5289.74	
49286		9287	2617.877	172.694	9.999	34.755	-269.716	-2909.99	-9431.61	-4731.29	
49287		9287	-2617.87	-172.694	-11.492	-35.406	269.716	2680.255	-8090.65	-4080.15	
49287		9288	2617.871	202.976	11.492	35.406	-160.565	-4464.34	-9356.58	-2676.53	
49288		9288	35.192	772.129	-23.313	55.501	-43.869	24258.54	-8065.89	8731.86	
49288		9289	-30.918	-733.05	23.313	-55.501	293.856	-16190.2	-6548.38	7165.92	
49289		9289	2.989	632.541	18.704	-14.451	-285.842	16194.07	-6604.26	7113.31	
49289		9290	0.353	-590.988	-18.704	14.451	63.216	-8914.26	-4377.8	4747.73	
49290		9290	-18.199	590.704	18.825	10.091	-64.756	8914.25	-4415.01	4710.52	
49290		9291	20.159	-551.503	-18.825	-10.091	-153.592	-2291.2	-1319.58	1349.3	
49291		9291	-32.975	510.924	-12.289	6.796	153.769	2291.354	-1347.62	1321.45	
49291		9292	33.396	-497.118	12.289	-6.796	-102.787	-200.415	-188.45	52.1	
49292		9292	-41.934	496.474	-12.162	4.359	102.897	205.206	-275.59	46.64	
49292		9293	42.245	-473.274	12.162	-4.359	-5.459	3679.514	2781.67	-3148.49	
49293		9293	-48.482	472.678	-12.062	-3.214	5.518	-3679.52	2763.98	-3166.19	
49293		9294	48.488	-449.613	12.062	3.214	90.79	7361.367	5670.16	-6200	
49294		9294	-48.323	409.603	-1.303	35.898	-90.791	-7362.49	5671.52	-6200.45	
49294		9295	48.323	-398.026	1.303	-35.898	96.013	8980.9	6948.35	-7533.29	
49295		9295	-48.327	398.026	-1.14	5.693	-96.013	-8980.97	5140.57	-5627.24	
49295		9296	48.327	-363.993	1.14	-5.693	107.63	12861.99	7407.5	-8013.49	
49296		9296	-48.33	363.993	-1.028	-24.308	-107.63	-12862	7407.48	-8013.48	
49296		9297	48.33	-336.388	1.028	24.308	116.121	15755.27	9097.48	-9792.43	

For: Cleveland Innerbelt Unit 2	Job No. 49633	Sheet No.
Made By: DJG	Checked By: SJL	Backchecked By: DJG
Date: 05-09-2012	Date: 05-10-2012	Date: 05-10-2012



NON-COMPOSITE DEAD LOAD FORCES FROM ERECTION SEQUENCE

	MEMBER	NODE	FX	FY	FZ	MX	MY	MZ	TOP	BOTTOM
									STRESS	STRESS
SPAN 11 -- Cumulative Affects thru Day 12	49297	9297	-38.22	332.823	1.496	28.447	-23.777	-9884.37	5690.27	-6160.67
	49297	9298	38.22	-294.619	-1.496	-28.447	6.583	13489.85	7796.26	-8377.51
	49298	9298	-38.214	294.619	1.626	-17.44	-6.583	-13489.9	7796.28	-8377.51
	49298	9299	38.214	-259.118	-1.626	17.44	-10.782	16446.71	9523.39	-10195.5
	49299	9299	-38.237	221.857	0.581	37.814	10.782	-16449.1	9524.72	-10197
	49299	9300	38.237	-185.954	-0.581	-37.814	-17.061	18651.35	10811.09	-11551.1
	49300	9300	-38.235	185.954	0.705	-22.437	17.061	-18651.4	10811.11	-11551.1
	49300	9301	38.235	-143.384	-0.705	22.437	-26.088	20760.14	12042.85	-12847.7
	49301	9301	-38.268	105.582	-0.807	46.195	26.088	-20762.8	12044.36	-12849.4
	49301	9302	38.268	-66.164	0.807	-46.195	-16.525	21781.08	12639.12	-13475.5
	49302	9302	-38.271	66.164	-0.657	-38.761	16.525	-21781.1	12639.13	-13475.5
	49302	9303	38.271	-27.086	0.657	38.761	-8.799	22329.21	12959.28	-13812.5
	49303	9303	-38.261	-10.293	-0.026	36.147	8.799	-22332.4	12961.18	-13814.5
	49303	9304	38.261	52.049	0.026	-36.147	-8.472	21940.89	12732.48	-13573.7
	49304	9304	-38.261	-52.049	0.102	-37.404	8.472	-21940.9	12732.48	-13573.7
	49304	9305	38.261	88.758	-0.102	37.404	-9.601	21163.42	12278.36	-13095.7
	49305	9305	-38.267	-125.251	-0.103	41.794	9.601	-21166.1	12279.93	-13097.4
	49305	9306	38.267	161.986	0.103	-41.794	-8.467	19579.06	11352.91	-12121.6
	49306	9306	-38.268	-161.986	0.053	-37.911	8.467	-19579.1	11352.91	-12121.6
	49306	9307	38.268	203.714	-0.053	37.911	-9.134	17283.81	10012.24	-10710.3
	49307	9307	-38.26	-236.957	0.51	15.157	9.134	-17286	10013.55	-10711.7
	49307	9308	38.26	276.486	-0.51	-15.157	-15.203	14233.32	8230.43	-8834.71
	49308	9308	-38.259	-276.486	0.609	-21.603	15.203	-14233.3	8230.43	-8834.7
	49308	9309	38.259	315.388	-0.609	21.603	-22.332	10770.08	6207.53	-6705.34
49309	9309	-38.314	-345.986	-2.105	4.38	22.332	-10771.3	6208.13	-6706.21	
49309	9310	38.314	385.69	2.105	-4.38	2.811	6401.783	3655.86	-4019.61	
49310	9310	-38.32	-385.69	-1.977	-16.992	-2.811	-6401.76	3655.83	-4019.61	
49310	9311	38.32	424.43	1.977	16.992	25.853	1681.279	898.56	-1117.22	
49311	9311	-38.134	-443.572	7.794	-13.213	-25.853	-1681.41	899.05	-1116.9	
49311	9312	38.134	454.6	-7.794	13.213	0	191.678	28.88	-200.93	