DL-DEAD LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	-1.61	15.48	1.46	19.87
G.B - G.4	0.10	26.73	1.79	24.51
G.C - G.4	0.13	17.55	1.76	24.03
G.D - G.4	0.16	6.89	1.43	14.57
G.E - G.4	0.21	44.65	1.71	23.49
G.A - G.3	-0.79	25.94	-0.68	-9.06
G.B - G.3	0.21	40.90	-0.80	-10.51
G.C - G.3	0.26	27.71	-0.80	-10.57
G.D - G.3	0.31	9.82	-0.67	-8.80
G.E - G.3	0.64	75.00	-0.55	-7.07
G.A - G.2	-0.50	27.01	0.90	12.42
G.B - G.2	0.25	44.68	1.08	15.02
G.C - G.2	0.31	29.67	1.07	14.84
G.D - G.2	0.36	9.65	0.89	12.41
G.E - G.2	1.21	85.46	0.86	12.05
G.A - G.1	-2.07	14.90	-1.69	-22.52
G.B - G.1	0.15	31.24	-2.05	-27.37
G.C - G.1	0.18	18.94	-2.02	-27.02
G.D - G.1	0.22	5.09	-1.65	-21.90
G.E - G.1	0.28	55.73	-2.02	-26.91

CLL-COLLATERAL LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	0.00	0.01	0.00	0.07
G.B - G.4	0.00	1.70	0.34	4.64
G.C - G.4	0.00	1.71	0.34	4.71
G.D - G.4	-0.01	-0.02	0.00	0.00
G.E - G.4	0.00	0.02	0.00	0.00
G.A - G.3	0.00	0.04	0.00	0.08
G.B - G.3	0.00	3.67	-0.15	-1.96
G.C - G.3	0.00	3.71	-0.14	-1.88
G.D - G.3	0.00	-0.03	0.00	0.00
G.E - G.3	0.00	0.03	0.00	0.00
G.A - G.2	0.00	0.04	0.00	0.08
G.B - G.2	0.00	3.88	0.19	2.62
G.C - G.2	0.00	3.92	0.19	2.70
G.D - G.2	0.00	-0.03	0.00	0.00
G.E - G.2	0.00	0.03	0.00	0.00
G.A - G.1	0.00	0.01	0.00	0.07
G.B - G.1	0.00	1.69	-0.40	5.36
G.C - G.1	0.00	1.70	-0.40	-5.29
G.D - G.1	-0.01	-0.03	0.00	0.00
G.E - G.1	0.00	0.03	0.00	0.00

RLL-ROOF LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	0.00	0.03	0.01	0.18
G.B - G.4	0.00	4.08	0.82	11.14
G.C - G.4	0.00	4.11	0.83	11.31
G.D - G.4	-0.01	-0.05	0.00	0.00
G.E - G.4	0.00	0.05	0.00	0.00
G.A - G.3	0.00	0.09	0.01	0.19
G.B - G.3	0.01	8.81	-0.35	-4.70
G.C - G.3	0.00	8.90	-0.34	-4.51
G.D - G.3	0.00	-0.07	0.00	0.00
G.E - G.3	0.00	0.07	0.00	0.00
G.A - G.2	0.00	0.10	0.01	0.20
G.B - G.2	0.01	9.31	0.46	6.28
G.C - G.2	0.00	9.41	0.47	6.47
G.D - G.2	0.00	-0.07	0.00	0.00
G.E - G.2	0.00	0.07	0.00	0.00
G.A - G.1	0.00	0.02	0.01	0.17
G.B - G.1	0.00	4.06	-0.96	-12.86
G.C - G.1	0.00	4.09	-0.95	-12.69
G.D - G.1	-0.02	-0.06	0.00	0.00
G.E - G.1	0.00	0.06	0.00	0.00

CR1-CRANE LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	-0.53	26.69	0.72	11.11
G.B - G.4	0.10	22.00	0.76	12.09
G.C - G.4	0.14	16.00	0.74	11.62
G.D - G.4	0.19	7.64	0.73	11.28
G.E - G.4	0.99	45.34	0.85	13.39
G.A - G.3	-2.06	19.51	0.03	1.75
G.B - G.3	0.08	21.74	0.08	2.84
G.C - G.3	0.12	13.63	0.05	2.30
G.D - G.3	0.16	4.74	0.03	1.87
G.E - G.3	0.20	40.21	0.10	3.35
G.A - G.2	-1.59	44.92	0.42	7.06
G.B - G.2	0.18	40.93	0.47	8.16
G.C - G.2	0.25	28.82	0.44	7.60
G.D - G.2	0.33	13.30	0.42	7.08
G.E - G.2	1.03	80.06	0.51	8.87
G.A - G.1	-2.22	64.10	-1.26	-15.55
G.B - G.1	0.24	56.12	-1.21	-14.56
G.C - G.1	0.36	39.99	-1.23	-15.03
G.D - G.1	0.47	16.84	-1.26	-15.54
G.E - G.1	1.55	114.06	-1.37	-16.53

CR2-CRANE LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	-2.03	7.89	0.32	4.09
G.B - G.4	0.04	12.42	0.36	4.88
G.C - G.4	0.06	6.68	0.34	4.46
G.D - G.4	-0.38	0.70	0.32	4.10
G.E - G.4	0.10	21.59	0.43	5.94
G.A - G.3	-1.73	32.88	-0.40	-5.62
G.B - G.3	0.19	36.20	-0.37	-4.92
G.C - G.3	0.26	22.90	-0.39	-5.34
G.D - G.3	0.33	6.62	-0.40	-5.66
G.E - G.3	0.70	75.04	-0.43	-5.73
G.A - G.2	-0.12	96.18	0.71	9.39
G.B - G.2	0.36	75.96	0.72	9.64
G.C - G.2	0.51	57.87	0.71	9.52
G.D - G.2	0.65	33.08	0.71	9.55
G.E - G.2	5.10	154.30	0.75	10.24
G.A - G.1	-3.58	13.34	-0.67	-9.19
G.B - G.1	0.06	21.14	-0.67	-9.12
G.C - G.1	0.09	11.22	-0.66	-9.07
G.D - G.1	-0.78	0.92	-0.65	-8.85
G.E - G.1	0.17	36.54	-0.73	-9.88

CR3-CRANE LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	-2.39	7.01	0.22	2.18
G.B - G.4	0.04	13.02	0.25	2.85
G.C - G.4	0.06	6.53	0.23	2.47
G.D - G.4	-0.74	-0.18	0.22	2.25
G.E - G.4	0.10	22.21	0.34	4.09
G.A - G.3	-1.06	50.22	-0.29	-4.68
G.B - G.3	0.25	47.39	-0.27	-4.13
G.C - G.3	0.34	32.58	-0.28	-4.46
G.D - G.3	0.43	13.68	-0.29	-4.59
G.E - G.3	2.21	98.86	-0.35	-5.18
G.A - G.2	-0.78	78.89	0.82	10.39
G.B - G.2	0.30	64.74	0.82	10.49
G.C - G.2	0.43	48.20	0.82	10.48
G.D - G.2	0.55	26.04	0.83	10.68
G.E - G.2	3.60	130.48	0.84	10.82
G.A - G.1	-3.22	14.19	-0.78	-11.10
G.B - G.1	0.06	20.55	-0.78	-11.15
G.C - G.1	0.09	11.35	-0.77	-11.05
G.D - G.1	-0.44	1.76	-0.75	10.71
G.E - G.1	0.17	35.93	-0.83	-11.74

CR>-CRANE LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	-0.66	-2.91	-3.70	-83.85
G.B - G.4	0.00	-0.58	-3.66	-82.84
G.C - G.4	0.00	-1.16	-2.45	-55.51
G.D - G.4	-0.64	-3.01	-3.16	-71.54
G.E - G.4	0.00	0.03	-3.23	-73.48
G.A - G.3	-0.07	0.56	-4.30	-92.02
G.B - G.3	0.00	0.86	-4.25	-90.93
G.C - G.3	0.00	0.47	-2.85	-60.96
G.D - G.3	-0.08	0.45	-3.67	-78.48
G.E - G.3	0.00	0.52	-3.88	-82.21
G.A - G.2	0.00	0.48	-4.28	-91.77
G.B - G.2	0.04	-0.64	-4.23	-90.72
G.C - G.2	0.00	-0.37	-2.84	-60.87
G.D - G.2	0.00	-0.39	-3.64	-78.09
G.E - G.2	0.04	-0.33	-3.86	-82.05
G.A - G.1	0.00	2.82	-3.65	-83.24
G.B - G.1	0.67	0.37	-3.61	-82.30
G.C - G.1	0.00	1.06	-2.42	-55.25
G.D - G.1	0.00	2.95	-3.10	-70.60
G.E - G.1	0.70	-0.24	-3.19	-72.94

CR<-CRANE LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	0.00	2.60	3.70	83.79
G.B - G.4	0.49	0.88	3.65	82.76
G.C - G.4	0.00	1.16	2.45	55.52
G.D - G.4	0.00	3.03	3.88	87.83
G.E - G.4	0.51	0.60	3.92	89.05
G.A - G.3	0.00	-0.58	4.30	92.02
G.B - G.3	0.07	0.84	4.25	90.87
G.C - G.3	0.00	-0.47	2.85	60.97
G.D - G.3	0.00	-0.60	4.51	96.44
G.E - G.3	0.07	-0.60	4.70	99.72
G.A - G.2	-0.02	0.52	4.28	91.86
G.B - G.2	0.00	0.60	4.23	90.68
G.C - G.2	0.00	0.37	2.84	60.87
G.D - G.2	-0.02	0.55	4.49	96.24
G.E - G.2	0.00	0.33	4.69	99.60
G.A - G.1	-0.56	-2.54	3.66	83.39
G.B - G.1	0.00	-0.64	3.61	82.30
G.C - G.1	0.00	-1.06	2.42	55.25
G.D - G.1	-0.54	-2.99	3.83	87.34
G.E - G.1	0.00	-0.34	3.87	88.62

WLX>-WIND LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	-53.71	-95.95	-0.11	-2.42
G.B - G.4	-1.40	70.72	-4.96	-66.89
G.C - G.4	-1.40	-25.24	-5.08	-69.46
G.D - G.4	-51.38	-93.75	-0.09	-2.03
G.E - G.4	-1.35	93.74	0.04	0.85
G.A - G.3	-74.47	-137.65	-0.09	-1.99
G.B - G.3	-1.39	82.95	2.22	29.87
G.C - G.3	-1.39	-54.69	2.11	27.69
G.D - G.3	-70.79	-134.12	-0.06	-1.16
G.E - G.3	-1.30	134.13	0.03	0.65
G.A - G.2	-76.39	-141.52	-0.05	-1.05
G.B - G.2	-1.39	83.72	-2.83	-38.91
G.C - G.2	-1.39	-57.79	-2.87	-39.74
G.D - G.2	-72.58	-137.88	0.02	0.46
G.E - G.2	-1.30	137.89	0.00	-0.04
G.A - G.1	-56.08	-100.65	-0.01	-0.22
G.B - G.1	-1.40	75.57	5.84	78.00
G.C - G.1	-1.40	-25.10	5.84	77.93
G.D - G.1	-53.66	-98.51	0.07	1.59
G.E - G.1	-1.34	98.50	-0.02	-0.34

WLX<-WIND LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	1.34	94.55	-0.02	-0.59
G.B - G.4	51.77	-119.81	-5.12	-70.44
G.C - G.4	1.39	-25.24	-5.08	-69.46
G.D - G.4	1.39	95.73	0.07	1.50
G.E - G.4	53.64	-95.73	-0.07	-1.49
G.A - G.3	1.29	134.73	-0.03	-0.63
G.B - G.3	71.16	-189.40	2.11	27.68
G.C - G.3	1.37	-54.69	2.11	27.69
G.D - G.3	1.37	136.42	0.05	1.02
G.E - G.3	73.83	-136.42	-0.04	-0.83
G.A - G.2	1.28	138.43	-0.06	-1.17
G.B - G.2	72.96	-196.19	-2.79	-38.05
G.C - G.2	1.37	-57.79	-2.87	-39.74
G.D - G.2	1.37	140.18	-0.02	-0.38
G.E - G.2	75.69	-140.19	0.01	0.14
G.A - G.1	1.33	99.41	-0.05	-1.01
G.B - G.1	54.10	-124.52	5.96	80.62
G.C - G.1	1.39	-25.10	5.84	77.93
G.D - G.1	1.39	100.59	-0.05	-0.99
G.E - G.1	56.06	-100.58	0.05	1.01

WLZ>-WIND LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	-53.71	-95.95	-0.11	-2.42
G.B - G.4	-1.40	70.72	-4.96	-66.89
G.C - G.4	-1.40	-25.24	-5.08	-69.46
G.D - G.4	-51.38	-93.75	-0.09	-2.03
G.E - G.4	-1.35	93.74	0.04	0.85
G.A - G.3	-74.47	-137.65	-0.09	-1.99
G.B - G.3	-1.39	82.95	2.22	29.87
G.C - G.3	-1.39	-54.69	2.11	27.69
G.D - G.3	-70.79	-134.12	-0.06	-1.16
G.E - G.3	-1.30	134.13	0.03	0.65
G.A - G.2	-76.39	-141.52	-0.05	-1.05
G.B - G.2	-1.39	83.72	-2.83	-38.91
G.C - G.2	-1.39	-57.79	-2.87	-39.74
G.D - G.2	-72.58	-137.88	0.02	0.46
G.E - G.2	-1.30	137.89	0.00	-0.04
G.A - G.1	-56.08	-100.65	-0.01	-0.22
G.B - G.1	-1.40	75.57	5.84	78.00
G.C - G.1	-1.40	-25.10	5.84	77.93
G.D - G.1	-53.66	-98.51	0.07	1.59
G.E - G.1	-1.34	98.50	-0.02	-0.34

WLZ<-WIND LOAD

NODE LABEL	X (K)	Y (K)	Z (K)	MX (K-FT)
G.A - G.4	1.34	94.55	-0.02	-0.59
G.B - G.4	51.77	-119.81	-5.12	-70.44
G.C - G.4	1.39	-25.24	-5.08	-69.46
G.D - G.4	1.39	95.73	0.07	1.50
G.E - G.4	53.64	-95.73	-0.07	-1.49
G.A - G.3	1.29	134.73	-0.03	-0.63
G.B - G.3	71.16	-189.40	2.11	27.68
G.C - G.3	1.37	-54.69	2.11	27.69
G.D - G.3	1.37	136.42	0.05	1.02
G.E - G.3	73.83	-136.42	-0.04	-0.83
G.A - G.2	1.28	138.43	-0.06	-1.17
G.B - G.2	72.96	-196.19	-2.79	-38.05
G.C - G.2	1.37	-57.79	-2.87	-39.74
G.D - G.2	1.37	140.18	-0.02	-0.38
G.E - G.2	75.69	-140.19	0.01	0.14
G.A - G.1	1.33	99.41	-0.05	-1.01
G.B - G.1	54.10	-124.52	5.96	80.62
G.C - G.1	1.39	-25.10	5.84	77.93
G.D - G.1	1.39	100.59	-0.05	-0.99
G.E - G.1	56.06	-100.58	0.05	1.01

Load Case

DL	Dead load
CLL	Collateral oad
RLL	Roof Load
CR1	Crane load 15 ton loaded at line G.1, and 5ton crane loaded at line G.4
CR2	Crane load 15 ton loaded+ 5ton crane in adjacent bay at line G.2
CR3	Crane load 5 ton loaded+ 5ton crane in adjacent bay at line G.3
CR>	Crane lateral load Z +ve
CR<	Crane lateral load Z -ve
WLx>	Wind load X +ve
WLx<	Wind load X-ve
WLz>	Wind load Z+ve
WLz<	Wind load Z-ve

Wind loads are un factored load

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW CRANE SUPPORT STRUCTURE
SHELL OIL
FOURCHON JUNCTION RAISED FACILITY
FOURCHON, LA.

JOB No: 2400 DATE: 05-21-24
DRAWN BY: GAD CHECKED BY: GDC

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SHEET TITLE:
LOAD SHEET

DRAWING NUMBER:
S103

SHEET No: 3 of 3

FILE NAME: J:\-- ACTIVE FILES\2023\Cameron Parish Junction Improvements Group\Drawings\Current Drawings\S103S - Load Sheet.dwg PLOT DATE & TIME: Tuesday, May 21, 2024 11:18:21 PM