

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	3	369	3,812.66	82.81	0.00	0.00	0.00	474.26
		370	-3,812.66	-82.81	0.00	0.00	0.00	-350.07
	4	369	34,185.48	502.23	0.00	0.00	0.00	2,898.34
		370	-34,499.22	-502.23	0.00	0.00	0.00	-2,146.81
369	1	370	74.34	-2.76	0.00	0.00	0.00	-13.27
		371	-74.34	2.76	0.00	0.00	0.00	9.13
	2	370	30,686.96	362.95	0.00	0.00	0.00	1,794.17
		371	-31,000.71	-362.95	0.00	0.00	0.00	-1,250.26
	3	370	3,812.65	71.63	0.00	0.00	0.00	350.07
		371	-3,812.65	-71.63	0.00	0.00	0.00	-242.64
	4	370	34,499.30	435.54	0.00	0.00	0.00	2,146.80
		371	-34,813.05	-435.54	0.00	0.00	0.00	-1,494.16
370	1	371	74.34	-2.28	0.00	0.00	0.00	-9.13
		372	-74.34	2.28	0.00	0.00	0.00	5.71
	2	371	31,000.78	301.47	0.00	0.00	0.00	1,250.26
		372	-31,314.53	-301.47	0.00	0.00	0.00	-797.94
	3	371	3,812.64	59.31	0.00	0.00	0.00	242.64
		372	-3,812.64	-59.31	0.00	0.00	0.00	-153.67
	4	371	34,813.41	361.44	0.00	0.00	0.00	1,494.17
		372	-35,127.16	-361.44	0.00	0.00	0.00	-951.86
371	1	372	74.34	-1.81	0.00	0.00	0.00	-5.71
		373	-74.34	1.81	0.00	0.00	0.00	3.00
	2	372	31,314.56	241.47	0.00	0.00	0.00	797.94
		373	-31,628.30	-241.47	0.00	0.00	0.00	-435.24
	3	372	3,812.62	47.36	0.00	0.00	0.00	153.68
		373	-3,812.62	-47.36	0.00	0.00	0.00	-82.62
	4	372	35,127.02	289.23	0.00	0.00	0.00	951.87
		373	-35,440.76	-289.23	0.00	0.00	0.00	-517.35
372	1	373	74.34	-1.39	0.00	0.00	0.00	-3.00
		374	-74.34	1.39	0.00	0.00	0.00	0.91
	2	373	31,628.35	187.92	0.00	0.00	0.00	435.23
		374	-31,942.10	-187.92	0.00	0.00	0.00	-152.62
	3	373	3,812.63	36.74	0.00	0.00	0.00	82.62
		374	-3,812.63	-36.74	0.00	0.00	0.00	-27.49
	4	373	35,440.75	224.87	0.00	0.00	0.00	517.36
		374	-35,754.50	-224.87	0.00	0.00	0.00	-179.06
373	1	374	74.34	-1.06	0.00	0.00	0.00	-0.91
		375	-74.34	1.06	0.00	0.00	0.00	-0.68
	2	374	31,941.95	143.61	0.00	0.00	0.00	152.62
		375	-32,255.70	-143.61	0.00	0.00	0.00	63.62
	3	374	3,812.64	27.99	0.00	0.00	0.00	27.49
		375	-3,812.64	-27.99	0.00	0.00	0.00	14.51
	4	374	35,754.43	171.66	0.00	0.00	0.00	179.08
		375	-36,068.18	-171.66	0.00	0.00	0.00	79.52
374	1	375	74.34	-0.71	0.00	0.00	0.00	0.68
		376	-74.34	0.71	0.00	0.00	0.00	-1.74
	2	375	32,255.65	98.20	0.00	0.00	0.00	-63.62
		376	-32,569.40	-98.20	0.00	0.00	0.00	211.71
	3	375	3,812.65	19.04	0.00	0.00	0.00	-14.51
		376	-3,812.65	-19.04	0.00	0.00	0.00	43.10

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	4	375	36,068.18	117.16	0.00	0.00	0.00	-79.51
		376	-36,381.92	-117.16	0.00	0.00	0.00	256.33
375	1	376	74.34	-0.47	0.00	0.00	0.00	1.74
		377	-74.34	0.47	0.00	0.00	0.00	-2.45
	2	376	32,569.58	65.98	0.00	0.00	0.00	-211.71
		377	-32,883.33	-65.98	0.00	0.00	0.00	311.40
	3	376	3,812.64	12.72	0.00	0.00	0.00	-43.09
		377	-3,812.64	-12.72	0.00	0.00	0.00	62.18
	4	376	36,382.02	78.54	0.00	0.00	0.00	-256.33
		377	-36,695.77	-78.54	0.00	0.00	0.00	375.10
376	1	377	74.34	-0.01	0.00	0.00	0.00	2.45
		359	-74.34	0.01	0.00	0.00	0.00	-2.46
	2	377	32,883.24	4.39	0.00	0.00	0.00	-311.39
		359	-33,196.99	-4.39	0.00	0.00	0.00	318.54
	3	377	3,812.61	0.66	0.00	0.00	0.00	-62.18
		359	-3,812.61	-0.66	0.00	0.00	0.00	63.19
	4	377	36,695.70	4.80	0.00	0.00	0.00	-375.10
		359	-37,009.45	-4.80	0.00	0.00	0.00	383.05
377	1	359	74.34	0.24	0.00	0.00	0.00	2.46
		379	-74.34	-0.24	0.00	0.00	0.00	-1.98
	2	359	33,197.09	-30.06	0.00	0.00	0.00	-318.54
		379	-33,615.42	30.06	0.00	0.00	0.00	258.95
	3	359	3,812.64	-6.05	0.00	0.00	0.00	-63.19
		379	-3,812.64	6.05	0.00	0.00	0.00	51.11
	4	359	37,009.55	-36.38	0.00	0.00	0.00	-383.05
		379	-37,427.89	36.38	0.00	0.00	0.00	310.99
378	1	379	74.34	0.31	0.00	0.00	0.00	1.98
		380	-74.34	-0.31	0.00	0.00	0.00	-1.36
	2	379	33,615.39	-39.94	0.00	0.00	0.00	-258.95
		380	-34,033.73	39.94	0.00	0.00	0.00	179.37
	3	379	3,812.62	-7.93	0.00	0.00	0.00	-51.11
		380	-3,812.62	7.93	0.00	0.00	0.00	35.26
	4	379	37,427.75	-48.10	0.00	0.00	0.00	-310.99
		380	-37,846.08	48.10	0.00	0.00	0.00	215.18
379	1	380	74.34	0.28	0.00	0.00	0.00	1.36
		381	-74.34	-0.28	0.00	0.00	0.00	-0.80
	2	380	34,033.77	-36.34	0.00	0.00	0.00	-179.37
		381	-34,452.11	36.34	0.00	0.00	0.00	106.80
	3	380	3,812.64	-7.18	0.00	0.00	0.00	-35.26
		381	-3,812.64	7.18	0.00	0.00	0.00	20.91
	4	380	37,846.16	-43.69	0.00	0.00	0.00	-215.18
		381	-38,264.50	43.69	0.00	0.00	0.00	127.97
380	1	381	74.34	0.21	0.00	0.00	0.00	0.80
		382	-74.34	-0.21	0.00	0.00	0.00	-0.39
	2	381	34,452.09	-27.11	0.00	0.00	0.00	-106.80
		382	-34,870.42	27.11	0.00	0.00	0.00	52.60
	3	381	3,812.64	-5.34	0.00	0.00	0.00	-20.91
		382	-3,812.64	5.34	0.00	0.00	0.00	10.23
	4	381	38,264.44	-32.55	0.00	0.00	0.00	-127.97
		382	-38,682.77	32.55	0.00	0.00	0.00	62.90

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

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DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
381	1	382	74.34	0.13	0.00	0.00	0.00	0.39
		383	-74.34	-0.13	0.00	0.00	0.00	-0.12
	2	382	34,870.48	-17.88	0.00	0.00	0.00	-52.60
		383	-35,288.81	17.88	0.00	0.00	0.00	16.81
	3	382	3,812.64	-3.51	0.00	0.00	0.00	-10.23
		383	-3,812.64	3.51	0.00	0.00	0.00	3.21
	4	382	38,692.86	-21.44	0.00	0.00	0.00	-62.90
		383	-39,101.20	21.44	0.00	0.00	0.00	19.98
382	1	383	74.34	0.07	0.00	0.00	0.00	0.12
		384	-74.34	-0.07	0.00	0.00	0.00	0.03
	2	383	35,288.66	-10.05	0.00	0.00	0.00	-16.81
		384	-35,707.00	10.05	0.00	0.00	0.00	-3.35
	3	383	3,812.64	-1.97	0.00	0.00	0.00	-3.21
		384	-3,812.64	1.97	0.00	0.00	0.00	-0.72
	4	383	39,101.22	-12.04	0.00	0.00	0.00	-19.98
		384	-39,519.55	12.04	0.00	0.00	0.00	-4.17
383	1	384	74.34	0.03	0.00	0.00	0.00	-0.03
		385	-74.34	-0.03	0.00	0.00	0.00	0.10
	2	384	35,707.06	-4.41	0.00	0.00	0.00	3.35
		385	-36,125.59	4.41	0.00	0.00	0.00	-12.23
	3	384	3,812.64	-0.86	0.00	0.00	0.00	0.72
		385	-3,812.64	0.86	0.00	0.00	0.00	-2.44
	4	384	39,519.51	-5.27	0.00	0.00	0.00	4.17
		385	-39,937.85	5.27	0.00	0.00	0.00	-14.77
384	1	385	74.34	0.01	0.00	0.00	0.00	-0.10
		386	-74.34	-0.01	0.00	0.00	0.00	0.11
	2	385	36,125.40	-0.89	0.00	0.00	0.00	12.23
		386	-36,543.73	0.89	0.00	0.00	0.00	-14.06
	3	385	3,812.64	-0.17	0.00	0.00	0.00	2.44
		386	-3,812.64	0.17	0.00	0.00	0.00	-2.78
	4	385	39,937.88	-1.05	0.00	0.00	0.00	14.77
		386	-40,356.21	1.05	0.00	0.00	0.00	-16.92
385	1	386	74.34	-0.01	0.00	0.00	0.00	-0.11
		387	-74.34	0.01	0.00	0.00	0.00	0.09
	2	386	36,543.67	0.94	0.00	0.00	0.00	14.06
		387	-36,962.00	-0.94	0.00	0.00	0.00	-12.20
	3	386	3,812.64	0.19	0.00	0.00	0.00	2.78
		387	-3,812.64	-0.19	0.00	0.00	0.00	-2.40
	4	386	40,356.11	1.15	0.00	0.00	0.00	16.92
		387	-40,774.45	-1.15	0.00	0.00	0.00	-14.66
386	1	387	74.34	-0.01	0.00	0.00	0.00	-0.09
		388	-74.34	0.01	0.00	0.00	0.00	0.07
	2	387	36,961.98	1.63	0.00	0.00	0.00	12.20
		388	-37,380.31	-1.63	0.00	0.00	0.00	-8.96
	3	387	3,812.64	0.32	0.00	0.00	0.00	2.40
		388	-3,812.64	-0.32	0.00	0.00	0.00	-1.76
	4	387	40,774.49	1.96	0.00	0.00	0.00	14.66
		388	-41,192.82	-1.96	0.00	0.00	0.00	-10.75
387	1	388	74.34	-0.01	0.00	0.00	0.00	-0.07
		389	-74.34	0.01	0.00	0.00	0.00	0.04

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Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	2	388	37,380.40	1.64	0.00	0.00	0.00	8.96
		389	-37,798.73	-1.64	0.00	0.00	0.00	-5.69
	3	388	3,812.65	0.32	0.00	0.00	0.00	1.76
		389	-3,812.65	-0.32	0.00	0.00	0.00	-1.11
	4	388	41,192.77	1.97	0.00	0.00	0.00	10.75
		389	-41,611.10	-1.97	0.00	0.00	0.00	-6.83
388	1	389	74.34	-0.01	0.00	0.00	0.00	-0.04
		390	-74.34	0.01	0.00	0.00	0.00	0.02
	2	389	37,798.72	1.32	0.00	0.00	0.00	5.69
		390	-38,217.05	-1.32	0.00	0.00	0.00	-3.05
	3	389	3,812.64	0.26	0.00	0.00	0.00	1.11
		390	-3,812.64	-0.26	0.00	0.00	0.00	-0.59
	4	389	41,611.12	1.59	0.00	0.00	0.00	6.83
		390	-42,029.45	-1.59	0.00	0.00	0.00	-3.65
389	1	390	74.34	-0.01	0.00	0.00	0.00	-0.02
		391	-74.34	0.01	0.00	0.00	0.00	0.01
	2	390	38,217.01	0.92	0.00	0.00	0.00	3.05
		391	-38,635.34	-0.92	0.00	0.00	0.00	-1.21
	3	390	3,812.64	0.18	0.00	0.00	0.00	0.59
		391	-3,812.64	-0.18	0.00	0.00	0.00	-0.23
	4	390	42,029.47	1.10	0.00	0.00	0.00	3.65
		391	-42,447.80	-1.10	0.00	0.00	0.00	-1.44
390	1	391	74.34	0.00	0.00	0.00	0.00	-0.01
		392	-74.34	0.00	0.00	0.00	0.00	0.00
	2	391	38,635.32	0.55	0.00	0.00	0.00	1.21
		392	-39,053.66	-0.55	0.00	0.00	0.00	-0.10
	3	391	3,812.64	0.11	0.00	0.00	0.00	0.23
		392	-3,812.64	-0.11	0.00	0.00	0.00	-0.02
	4	391	42,447.84	0.66	0.00	0.00	0.00	1.44
		392	-42,866.17	-0.66	0.00	0.00	0.00	-0.12
391	1	392	74.34	0.00	0.00	0.00	0.00	0.00
		393	-74.34	0.00	0.00	0.00	0.00	0.00
	2	392	39,053.64	0.27	0.00	0.00	0.00	0.10
		393	-39,471.97	-0.27	0.00	0.00	0.00	0.44
	3	392	3,812.64	0.05	0.00	0.00	0.00	0.02
		393	-3,812.64	-0.05	0.00	0.00	0.00	0.09
	4	392	42,866.13	0.32	0.00	0.00	0.00	0.12
		393	-43,284.47	-0.32	0.00	0.00	0.00	0.53
392	1	393	74.34	0.00	0.00	0.00	0.00	0.00
		394	-74.34	0.00	0.00	0.00	0.00	0.00
	2	393	39,472.01	0.09	0.00	0.00	0.00	-0.44
		394	-39,890.34	-0.09	0.00	0.00	0.00	0.61
	3	393	3,812.64	0.02	0.00	0.00	0.00	-0.09
		394	-3,812.64	-0.02	0.00	0.00	0.00	0.12
	4	393	43,284.44	0.10	0.00	0.00	0.00	-0.53
		394	-43,702.77	-0.10	0.00	0.00	0.00	0.74
393	1	394	74.34	0.00	0.00	0.00	0.00	0.00
		395	-74.34	0.00	0.00	0.00	0.00	0.00
	2	394	39,890.35	-0.02	0.00	0.00	0.00	-0.61
		395	-40,308.69	0.02	0.00	0.00	0.00	0.58

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	3	394	3,812.64	0.00	0.00	0.00	0.00	-0.12
		395	-3,812.64	0.00	0.00	0.00	0.00	0.11
	4	394	43,702.78	-0.02	0.00	0.00	0.00	-0.74
		395	-44,121.11	0.02	0.00	0.00	0.00	0.70
394	1	395	74.34	0.00	0.00	0.00	0.00	0.00
		396	-74.34	0.00	0.00	0.00	0.00	0.00
	2	395	40,308.67	-0.06	0.00	0.00	0.00	-0.58
		396	-40,727.00	0.06	0.00	0.00	0.00	0.46
	3	395	3,812.64	-0.01	0.00	0.00	0.00	-0.11
		396	-3,812.64	0.01	0.00	0.00	0.00	0.09
	4	395	44,121.13	-0.08	0.00	0.00	0.00	-0.70
		396	-44,539.46	0.08	0.00	0.00	0.00	0.55
395	1	396	74.34	0.00	0.00	0.00	0.00	0.00
		397	-74.34	0.00	0.00	0.00	0.00	0.00
	2	396	40,727.00	-0.07	0.00	0.00	0.00	-0.46
		397	-41,145.34	0.07	0.00	0.00	0.00	0.31
	3	396	3,812.64	-0.01	0.00	0.00	0.00	-0.09
		397	-3,812.64	0.01	0.00	0.00	0.00	0.06
	4	396	44,539.46	-0.09	0.00	0.00	0.00	-0.55
		397	-44,957.79	0.09	0.00	0.00	0.00	0.37
396	1	397	74.34	0.00	0.00	0.00	0.00	0.00
		398	-74.34	0.00	0.00	0.00	0.00	0.00
	2	397	41,145.35	-0.07	0.00	0.00	0.00	-0.31
		398	-41,563.68	0.07	0.00	0.00	0.00	0.18
	3	397	3,812.64	-0.01	0.00	0.00	0.00	-0.06
		398	-3,812.64	0.01	0.00	0.00	0.00	0.03
	4	397	44,957.79	-0.08	0.00	0.00	0.00	-0.37
		398	-45,376.12	0.08	0.00	0.00	0.00	0.21
397	1	398	74.34	0.00	0.00	0.00	0.00	0.00
		399	-74.34	0.00	0.00	0.00	0.00	0.00
	2	398	41,563.64	-0.05	0.00	0.00	0.00	-0.18
		399	-41,981.97	0.05	0.00	0.00	0.00	0.07
	3	398	3,812.64	-0.01	0.00	0.00	0.00	-0.03
		399	-3,812.64	0.01	0.00	0.00	0.00	0.01
	4	398	45,376.16	-0.06	0.00	0.00	0.00	-0.21
		399	-45,794.49	0.06	0.00	0.00	0.00	0.09
398	1	399	74.34	0.00	0.00	0.00	0.00	0.00
		400	-74.34	0.00	0.00	0.00	0.00	0.00
	2	399	41,982.00	-0.04	0.00	0.00	0.00	-0.07
		400	-42,400.33	0.04	0.00	0.00	0.00	-0.01
	3	399	3,812.64	-0.01	0.00	0.00	0.00	-0.01
		400	-3,812.64	0.01	0.00	0.00	0.00	0.00
	4	399	45,794.46	-0.05	0.00	0.00	0.00	-0.09
		400	-46,212.79	0.05	0.00	0.00	0.00	-0.02
399	1	400	74.34	0.00	0.00	0.00	0.00	0.00
		378	-74.34	0.00	0.00	0.00	0.00	0.00
	2	400	42,400.33	-0.04	0.00	0.00	0.00	0.01
		378	-42,818.66	0.04	0.00	0.00	0.00	-0.09
	3	400	3,812.64	-0.01	0.00	0.00	0.00	0.00
		378	-3,812.64	0.01	0.00	0.00	0.00	-0.02

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	400	46,212.79	-0.04	0.00	0.00	0.00	0.02
		378	-46,631.12	0.04	0.00	0.00	0.00	-0.10
400	1	378	74.34	0.00	0.00	0.00	0.00	0.00
		401	-74.34	0.00	0.00	0.00	0.00	0.00
	2	378	42,818.66	-0.03	0.00	0.00	0.00	0.09
		401	-43,132.40	0.03	0.00	0.00	0.00	-0.14
	3	378	3,812.64	-0.01	0.00	0.00	0.00	0.02
		401	-3,812.64	0.01	0.00	0.00	0.00	-0.03
	4	378	46,631.14	-0.04	0.00	0.00	0.00	0.10
		401	-46,944.88	0.04	0.00	0.00	0.00	-0.17
402	1	402	-172.78	2.73	0.00	0.00	0.00	43.70
		403	172.78	-2.73	0.00	0.00	0.00	-19.12
	2	402	19,969.74	508.20	0.00	0.00	0.00	12,662.03
		403	-21,852.23	-508.20	0.00	0.00	0.00	-8,200.25
	3	402	3,263.80	77.35	0.00	0.00	0.00	2,075.12
		403	-3,263.80	-77.35	0.00	0.00	0.00	-1,382.58
	4	402	23,234.00	586.79	0.00	0.00	0.00	14,724.19
		403	-25,116.49	-586.79	0.00	0.00	0.00	-9,598.99
403	1	403	-172.78	2.73	0.00	0.00	0.00	19.12
		404	172.78	-2.73	0.00	0.00	0.00	21.85
	2	403	21,852.24	508.20	0.00	0.00	0.00	8,200.25
		404	-24,989.73	-508.20	0.00	0.00	0.00	-586.25
	3	403	3,263.80	77.35	0.00	0.00	0.00	1,382.58
		404	-3,263.80	-77.35	0.00	0.00	0.00	-223.33
	4	403	25,116.61	586.79	0.00	0.00	0.00	9,598.99
		404	-28,254.10	-586.79	0.00	0.00	0.00	-815.00
404	1	404	-172.78	2.03	0.00	0.00	0.00	-21.85
		406	172.78	-2.03	0.00	0.00	0.00	24.90
	2	404	24,989.74	446.82	0.00	0.00	0.00	586.23
		406	-25,303.49	-446.82	0.00	0.00	0.00	89.07
	3	404	3,263.79	70.05	0.00	0.00	0.00	223.33
		406	-3,263.79	-70.05	0.00	0.00	0.00	-118.19
	4	404	28,254.38	517.91	0.00	0.00	0.00	814.94
		406	-28,568.13	-517.91	0.00	0.00	0.00	-31.80
405	1	406	-172.78	0.93	0.00	0.00	0.00	-24.90
		407	172.78	-0.93	0.00	0.00	0.00	26.29
	2	406	25,303.43	342.02	0.00	0.00	0.00	-89.08
		407	-25,617.18	-342.02	0.00	0.00	0.00	607.19
	3	406	3,263.78	57.10	0.00	0.00	0.00	118.19
		407	-3,263.78	-57.10	0.00	0.00	0.00	-32.48
	4	406	28,567.85	399.83	0.00	0.00	0.00	31.78
		407	-28,881.60	-399.83	0.00	0.00	0.00	574.29
406	1	407	-172.78	0.08	0.00	0.00	0.00	-26.29
		408	172.78	-0.08	0.00	0.00	0.00	26.41
	2	407	25,617.06	255.00	0.00	0.00	0.00	-607.19
		408	-25,930.81	-255.00	0.00	0.00	0.00	994.65
	3	407	3,263.79	45.99	0.00	0.00	0.00	32.48
		408	-3,263.79	-45.99	0.00	0.00	0.00	36.58
	4	407	28,881.39	301.48	0.00	0.00	0.00	-574.32
		408	-29,195.14	-301.48	0.00	0.00	0.00	1,032.74

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
407	1	408	-172.78	-0.54	0.00	0.00	0.00	-26.41
		409	172.78	0.54	0.00	0.00	0.00	25.60
	2	408	25,931.02	185.20	0.00	0.00	0.00	-994.70
		409	-26,244.77	-185.20	0.00	0.00	0.00	1,277.09
	3	408	3,263.80	36.75	0.00	0.00	0.00	-36.58
		409	-3,263.80	-36.75	0.00	0.00	0.00	91.76
	4	408	29,195.40	222.16	0.00	0.00	0.00	-1,032.79
		409	-29,509.15	-222.16	0.00	0.00	0.00	1,371.87
408	1	409	-172.78	-0.98	0.00	0.00	0.00	-25.60
		410	172.78	0.98	0.00	0.00	0.00	24.13
	2	409	26,244.99	131.19	0.00	0.00	0.00	-1,277.10
		410	-26,558.74	-131.19	0.00	0.00	0.00	1,478.03
	3	409	3,263.81	29.34	0.00	0.00	0.00	-91.77
		410	-3,263.81	-29.34	0.00	0.00	0.00	135.85
	4	409	29,509.09	160.58	0.00	0.00	0.00	-1,371.88
		410	-29,822.84	-160.58	0.00	0.00	0.00	1,618.04
409	1	410	-172.78	-1.34	0.00	0.00	0.00	-24.13
		411	172.78	1.34	0.00	0.00	0.00	22.12
	2	410	26,558.52	79.61	0.00	0.00	0.00	-1,478.02
		411	-26,872.26	-79.61	0.00	0.00	0.00	1,601.08
	3	410	3,263.80	21.99	0.00	0.00	0.00	-135.85
		411	-3,263.80	-21.99	0.00	0.00	0.00	168.90
	4	410	29,822.59	101.54	0.00	0.00	0.00	-1,618.05
		411	-30,136.34	-101.54	0.00	0.00	0.00	1,774.94
410	1	411	-172.78	-1.91	0.00	0.00	0.00	-22.12
		412	172.78	1.91	0.00	0.00	0.00	19.25
	2	411	26,872.23	-17.11	0.00	0.00	0.00	-1,601.06
		412	-27,185.98	17.11	0.00	0.00	0.00	1,578.42
	3	411	3,263.79	7.57	0.00	0.00	0.00	-168.91
		412	-3,263.79	-7.57	0.00	0.00	0.00	180.31
	4	411	30,136.61	-9.89	0.00	0.00	0.00	-1,774.93
		412	-30,450.36	9.89	0.00	0.00	0.00	1,763.92
411	1	412	-172.78	-2.17	0.00	0.00	0.00	-19.25
		413	172.78	2.17	0.00	0.00	0.00	16.01
	2	412	27,186.02	-79.56	0.00	0.00	0.00	-1,578.40
		413	-27,499.76	79.56	0.00	0.00	0.00	1,461.45
	3	412	3,263.79	-2.36	0.00	0.00	0.00	-180.31
		413	-3,263.79	2.36	0.00	0.00	0.00	176.82
	4	412	30,449.83	-82.47	0.00	0.00	0.00	-1,763.90
		413	-30,763.58	82.47	0.00	0.00	0.00	1,643.23
412	1	413	-172.78	-2.21	0.00	0.00	0.00	-16.01
		414	172.78	2.21	0.00	0.00	0.00	12.69
	2	413	27,499.86	-125.78	0.00	0.00	0.00	-1,461.44
		414	-27,813.61	125.78	0.00	0.00	0.00	1,274.57
	3	413	3,263.80	-10.49	0.00	0.00	0.00	-176.82
		414	-3,263.80	10.49	0.00	0.00	0.00	161.11
	4	413	30,764.06	-136.93	0.00	0.00	0.00	-1,643.22
		414	-31,077.81	136.93	0.00	0.00	0.00	1,440.13
413	1	414	-172.78	-2.08	0.00	0.00	0.00	-12.69
		415	172.78	2.08	0.00	0.00	0.00	9.57

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	2	414	27,813.49	-146.09	0.00	0.00	0.00	-1,274.56
		415	-28,127.23	146.09	0.00	0.00	0.00	1,056.70
	3	414	3,263.78	-14.95	0.00	0.00	0.00	-161.12
		415	-3,263.78	14.95	0.00	0.00	0.00	138.71
	4	414	31,077.97	-161.72	0.00	0.00	0.00	-1,440.13
		415	-31,391.72	161.72	0.00	0.00	0.00	1,199.18
414	1	415	-172.78	-1.83	0.00	0.00	0.00	-9.57
		416	172.78	1.83	0.00	0.00	0.00	6.83
	2	415	28,127.04	-148.30	0.00	0.00	0.00	-1,056.70
		416	-28,440.78	148.30	0.00	0.00	0.00	835.07
	3	415	3,263.80	-16.72	0.00	0.00	0.00	-138.71
		416	-3,263.80	16.72	0.00	0.00	0.00	113.65
	4	415	31,391.61	-165.68	0.00	0.00	0.00	-1,199.17
		416	-31,705.36	165.68	0.00	0.00	0.00	951.72
415	1	416	-172.78	-1.54	0.00	0.00	0.00	-6.83
		417	172.78	1.54	0.00	0.00	0.00	4.52
	2	416	28,440.93	-138.92	0.00	0.00	0.00	-835.07
		417	-28,754.68	138.92	0.00	0.00	0.00	627.16
	3	416	3,263.79	-16.66	0.00	0.00	0.00	-113.65
		417	-3,263.79	16.66	0.00	0.00	0.00	88.67
	4	416	31,705.38	-156.16	0.00	0.00	0.00	-951.72
		417	-32,019.13	156.16	0.00	0.00	0.00	718.10
416	1	417	-172.78	-1.24	0.00	0.00	0.00	-4.52
		418	172.78	1.24	0.00	0.00	0.00	2.67
	2	417	28,754.64	-123.08	0.00	0.00	0.00	-627.16
		418	-29,068.39	123.08	0.00	0.00	0.00	442.72
	3	417	3,263.81	-15.46	0.00	0.00	0.00	-88.67
		418	-3,263.81	15.46	0.00	0.00	0.00	65.49
	4	417	32,019.08	-139.04	0.00	0.00	0.00	-718.10
		418	-32,332.83	139.04	0.00	0.00	0.00	509.80
417	1	418	-172.78	-0.96	0.00	0.00	0.00	-2.67
		419	172.78	0.96	0.00	0.00	0.00	1.23
	2	418	29,068.57	-104.68	0.00	0.00	0.00	-442.72
		419	-29,382.32	104.68	0.00	0.00	0.00	285.70
	3	418	3,263.78	-13.66	0.00	0.00	0.00	-65.49
		419	-3,263.78	13.66	0.00	0.00	0.00	45.00
	4	418	32,332.76	-118.74	0.00	0.00	0.00	-509.80
		419	-32,646.51	118.74	0.00	0.00	0.00	331.69
418	1	419	-172.78	-0.72	0.00	0.00	0.00	-1.23
		420	172.78	0.72	0.00	0.00	0.00	0.14
	2	419	29,382.13	-86.45	0.00	0.00	0.00	-285.70
		420	-29,695.87	86.45	0.00	0.00	0.00	155.88
	3	419	3,263.78	-11.68	0.00	0.00	0.00	-45.00
		420	-3,263.78	11.68	0.00	0.00	0.00	27.47
	4	419	32,646.57	-98.46	0.00	0.00	0.00	-331.69
		420	-32,960.32	98.46	0.00	0.00	0.00	183.84
419	1	420	-172.78	-0.53	0.00	0.00	0.00	-0.14
		421	172.78	0.53	0.00	0.00	0.00	-0.65
	2	420	29,695.99	-70.20	0.00	0.00	0.00	-155.88
		421	-30,009.74	70.20	0.00	0.00	0.00	50.36

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	3	420	3,263.80	-9.80	0.00	0.00	0.00	-27.47
		421	-3,263.80	9.80	0.00	0.00	0.00	12.77
	4	420	32,960.34	-80.24	0.00	0.00	0.00	-183.84
		421	-33,274.09	80.24	0.00	0.00	0.00	63.21
420	1	421	-172.78	-0.34	0.00	0.00	0.00	0.65
		422	172.78	0.34	0.00	0.00	0.00	-1.16
	2	421	-30,009.60	-52.46	0.00	0.00	0.00	-50.36
		422	-30,323.35	52.46	0.00	0.00	0.00	-28.57
	3	421	3,263.78	-7.64	0.00	0.00	0.00	-12.77
		422	-3,263.78	7.64	0.00	0.00	0.00	1.31
	4	421	33,274.01	-60.27	0.00	0.00	0.00	-63.21
		422	-33,587.75	60.27	0.00	0.00	0.00	-27.49
421	1	422	-172.78	-0.21	0.00	0.00	0.00	1.16
		423	172.78	0.21	0.00	0.00	0.00	-1.48
	2	422	-30,323.54	-39.10	0.00	0.00	0.00	28.57
		423	-30,637.29	39.10	0.00	0.00	0.00	-87.46
	3	422	3,263.80	-5.95	0.00	0.00	0.00	-1.31
		423	-3,263.80	5.95	0.00	0.00	0.00	-7.61
	4	422	33,587.85	-45.16	0.00	0.00	0.00	27.49
		423	-33,901.59	45.16	0.00	0.00	0.00	-95.53
422	1	423	-172.78	0.03	0.00	0.00	0.00	1.48
		405	172.78	-0.03	0.00	0.00	0.00	-1.43
	2	423	-30,637.24	-11.74	0.00	0.00	0.00	87.46
		405	-30,950.98	11.74	0.00	0.00	0.00	-105.26
	3	423	3,263.80	-2.33	0.00	0.00	0.00	7.61
		405	-3,263.80	2.33	0.00	0.00	0.00	-11.10
	4	423	33,901.43	-14.07	0.00	0.00	0.00	95.53
		405	-34,215.17	14.07	0.00	0.00	0.00	-116.88
423	1	405	-172.78	0.16	0.00	0.00	0.00	1.43
		425	172.78	-0.16	0.00	0.00	0.00	-1.11
	2	405	-30,950.96	5.17	0.00	0.00	0.00	105.26
		425	-31,369.29	-5.17	0.00	0.00	0.00	-95.12
	3	405	3,263.81	0.04	0.00	0.00	0.00	11.10
		425	-3,263.81	-0.04	0.00	0.00	0.00	-11.03
	4	405	34,215.32	5.26	0.00	0.00	0.00	116.88
		425	-34,633.65	-5.26	0.00	0.00	0.00	-106.60
424	1	425	-172.78	0.19	0.00	0.00	0.00	1.11
		426	172.78	-0.19	0.00	0.00	0.00	-0.74
	2	425	-31,369.24	11.95	0.00	0.00	0.00	95.12
		426	-31,787.57	-11.95	0.00	0.00	0.00	-71.34
	3	425	3,263.81	1.12	0.00	0.00	0.00	11.03
		426	-3,263.81	-1.12	0.00	0.00	0.00	-8.78
	4	425	34,633.70	13.15	0.00	0.00	0.00	106.60
		426	-35,052.03	-13.15	0.00	0.00	0.00	-80.45
425	1	426	-172.78	0.16	0.00	0.00	0.00	0.74
		427	172.78	-0.16	0.00	0.00	0.00	-0.42
	2	426	-31,787.53	12.65	0.00	0.00	0.00	71.34
		427	-32,205.86	-12.65	0.00	0.00	0.00	-46.10
	3	426	3,263.79	1.40	0.00	0.00	0.00	8.78
		427	-3,263.79	-1.40	0.00	0.00	0.00	-5.99

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	426	35,051.95	14.11	0.00	0.00	0.00	80.45
		427	-35,470.28	-14.11	0.00	0.00	0.00	-52.30
426	1	427	-172.78	0.11	0.00	0.00	0.00	0.42
		428	172.78	-0.11	0.00	0.00	0.00	-0.20
	2	427	32,205.82	10.34	0.00	0.00	0.00	46.10
		428	-32,624.15	-10.34	0.00	0.00	0.00	-25.44
	3	427	3,263.79	1.23	0.00	0.00	0.00	5.99
		428	-3,263.79	-1.23	0.00	0.00	0.00	-3.53
	4	427	35,470.27	11.62	0.00	0.00	0.00	52.30
		428	-35,888.61	-11.62	0.00	0.00	0.00	-29.07
427	1	428	-172.78	0.07	0.00	0.00	0.00	0.20
		429	172.78	-0.07	0.00	0.00	0.00	-0.05
	2	428	32,624.19	7.34	0.00	0.00	0.00	25.44
		429	-33,042.52	-7.34	0.00	0.00	0.00	-10.76
	3	428	3,263.80	0.92	0.00	0.00	0.00	3.53
		429	-3,263.80	-0.92	0.00	0.00	0.00	-1.68
	4	428	35,888.53	8.30	0.00	0.00	0.00	29.07
		429	-36,306.86	-8.30	0.00	0.00	0.00	-12.48
428	1	429	-172.78	0.04	0.00	0.00	0.00	0.05
		430	172.78	-0.04	0.00	0.00	0.00	0.03
	2	429	33,042.57	4.50	0.00	0.00	0.00	10.76
		430	-33,460.90	-4.50	0.00	0.00	0.00	-1.74
	3	429	3,263.81	0.60	0.00	0.00	0.00	1.68
		430	-3,263.81	-0.60	0.00	0.00	0.00	-0.48
	4	429	36,306.86	5.12	0.00	0.00	0.00	12.48
		430	-36,725.19	-5.12	0.00	0.00	0.00	-2.22
429	1	430	-172.78	0.02	0.00	0.00	0.00	-0.03
		431	172.78	-0.02	0.00	0.00	0.00	0.06
	2	430	33,461.02	2.29	0.00	0.00	0.00	1.74
		431	-33,879.35	-2.29	0.00	0.00	0.00	2.86
	3	430	3,263.80	0.33	0.00	0.00	0.00	0.48
		431	-3,263.80	-0.33	0.00	0.00	0.00	0.18
	4	430	36,725.27	2.63	0.00	0.00	0.00	2.22
		431	-37,143.60	-2.63	0.00	0.00	0.00	3.06
430	1	431	-172.78	0.00	0.00	0.00	0.00	-0.06
		432	172.78	0.00	0.00	0.00	0.00	0.06
	2	431	33,879.26	0.80	0.00	0.00	0.00	-2.86
		432	-34,297.59	-0.80	0.00	0.00	0.00	4.48
	3	431	3,263.80	0.14	0.00	0.00	0.00	-0.18
		432	-3,263.80	-0.14	0.00	0.00	0.00	0.45
	4	431	37,143.75	0.94	0.00	0.00	0.00	-3.06
		432	-37,562.08	-0.94	0.00	0.00	0.00	4.96
431	1	432	-172.78	-0.01	0.00	0.00	0.00	-0.06
		433	172.78	0.01	0.00	0.00	0.00	0.05
	2	432	34,297.65	-0.06	0.00	0.00	0.00	-4.48
		433	-34,715.98	0.06	0.00	0.00	0.00	4.38
	3	432	3,263.80	0.02	0.00	0.00	0.00	-0.45
		433	-3,263.80	-0.02	0.00	0.00	0.00	0.50
	4	432	37,562.10	-0.04	0.00	0.00	0.00	-4.96
		433	-37,980.43	0.04	0.00	0.00	0.00	4.90

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THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
432	1	433	-172.78	-0.01	0.00	0.00	0.00	-0.05
		434	172.78	0.01	0.00	0.00	0.00	0.04
	2	433	34,715.90	-0.45	0.00	0.00	0.00	-4.38
		434	-35,134.23	0.45	0.00	0.00	0.00	3.48
	3	433	3,263.80	-0.04	0.00	0.00	0.00	-0.50
		434	-3,263.80	0.04	0.00	0.00	0.00	0.42
	4	433	37,980.38	-0.49	0.00	0.00	0.00	-4.90
		434	-38,398.71	0.49	0.00	0.00	0.00	3.92
433	1	434	-172.78	-0.01	0.00	0.00	0.00	-0.04
		435	172.78	0.01	0.00	0.00	0.00	0.02
	2	434	35,134.23	-0.55	0.00	0.00	0.00	-3.48
		435	-35,552.57	0.55	0.00	0.00	0.00	2.38
	3	434	3,263.81	-0.06	0.00	0.00	0.00	-0.42
		435	-3,263.81	0.06	0.00	0.00	0.00	0.30
	4	434	38,398.67	-0.61	0.00	0.00	0.00	-3.92
		435	-38,817.00	0.61	0.00	0.00	0.00	2.70
434	1	435	-172.78	-0.01	0.00	0.00	0.00	-0.02
		436	172.78	0.01	0.00	0.00	0.00	0.01
	2	435	35,552.60	-0.49	0.00	0.00	0.00	-2.38
		436	-35,970.93	0.49	0.00	0.00	0.00	1.40
	3	435	3,263.80	-0.06	0.00	0.00	0.00	-0.30
		436	-3,263.80	0.06	0.00	0.00	0.00	0.19
	4	435	38,816.93	-0.55	0.00	0.00	0.00	-2.70
		436	-39,235.26	0.55	0.00	0.00	0.00	1.60
435	1	436	-172.78	0.00	0.00	0.00	0.00	-0.01
		437	172.78	0.00	0.00	0.00	0.00	0.00
	2	436	35,970.91	-0.37	0.00	0.00	0.00	-1.40
		437	-36,389.24	0.37	0.00	0.00	0.00	0.67
	3	436	3,263.80	-0.05	0.00	0.00	0.00	-0.19
		437	-3,263.80	0.05	0.00	0.00	0.00	0.10
	4	436	39,235.23	-0.41	0.00	0.00	0.00	-1.60
		437	-39,653.56	0.41	0.00	0.00	0.00	0.77
436	1	437	-172.78	0.00	0.00	0.00	0.00	0.00
		438	172.78	0.00	0.00	0.00	0.00	0.00
	2	437	36,389.24	-0.24	0.00	0.00	0.00	-0.67
		438	-36,807.57	0.24	0.00	0.00	0.00	0.19
	3	437	3,263.80	-0.03	0.00	0.00	0.00	-0.10
		438	-3,263.80	0.03	0.00	0.00	0.00	0.04
	4	437	39,653.59	-0.27	0.00	0.00	0.00	-0.77
		438	-40,071.92	0.27	0.00	0.00	0.00	0.23
437	1	438	-172.78	0.00	0.00	0.00	0.00	0.00
		439	172.78	0.00	0.00	0.00	0.00	0.00
	2	438	36,807.53	-0.13	0.00	0.00	0.00	-0.19
		439	-37,225.86	0.13	0.00	0.00	0.00	-0.07
	3	438	3,263.80	-0.02	0.00	0.00	0.00	-0.04
		439	-3,263.80	0.02	0.00	0.00	0.00	0.00
	4	438	40,071.95	-0.15	0.00	0.00	0.00	-0.23
		439	-40,490.28	0.15	0.00	0.00	0.00	-0.07
438	1	439	-172.78	0.00	0.00	0.00	0.00	0.00
		440	172.78	0.00	0.00	0.00	0.00	0.00

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THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	2	439	37,225.85	-0.06	0.00	0.00	0.00	0.07
		440	-37,644.18	0.06	0.00	0.00	0.00	-0.18
	3	439	3,263.80	-0.01	0.00	0.00	0.00	0.00
		440	-3,263.80	0.01	0.00	0.00	0.00	-0.02
	4	439	40,490.32	-0.06	0.00	0.00	0.00	0.07
		440	-40,908.66	0.06	0.00	0.00	0.00	-0.20
439	1	440	-172.78	0.00	0.00	0.00	0.00	0.00
		441	172.78	0.00	0.00	0.00	0.00	0.00
	2	440	37,644.31	-0.01	0.00	0.00	0.00	0.18
		441	-38,062.64	0.01	0.00	0.00	0.00	-0.20
	3	440	3,263.80	0.00	0.00	0.00	0.00	0.02
		441	-3,263.80	0.00	0.00	0.00	0.00	-0.02
	4	440	40,908.63	-0.01	0.00	0.00	0.00	0.20
		441	-41,326.96	0.01	0.00	0.00	0.00	-0.22
440	1	441	-172.78	0.00	0.00	0.00	0.00	0.00
		442	172.78	0.00	0.00	0.00	0.00	0.00
	2	441	38,062.39	0.01	0.00	0.00	0.00	0.20
		442	-38,480.92	-0.01	0.00	0.00	0.00	-0.17
	3	441	3,263.80	0.00	0.00	0.00	0.00	0.02
		442	-3,263.80	0.00	0.00	0.00	0.00	-0.02
	4	441	41,326.93	0.02	0.00	0.00	0.00	0.22
		442	-41,745.27	-0.02	0.00	0.00	0.00	-0.19
441	1	442	-172.78	0.00	0.00	0.00	0.00	0.00
		443	172.78	0.00	0.00	0.00	0.00	0.00
	2	442	38,480.91	0.02	0.00	0.00	0.00	0.17
		443	-38,899.24	-0.02	0.00	0.00	0.00	-0.13
	3	442	3,263.80	0.00	0.00	0.00	0.00	0.02
		443	-3,263.80	0.00	0.00	0.00	0.00	-0.02
	4	442	41,745.28	0.03	0.00	0.00	0.00	0.19
		443	-42,163.61	-0.03	0.00	0.00	0.00	-0.14
442	1	443	-172.78	0.00	0.00	0.00	0.00	0.00
		444	172.78	0.00	0.00	0.00	0.00	0.00
	2	443	38,899.28	0.02	0.00	0.00	0.00	0.13
		444	-39,317.61	-0.02	0.00	0.00	0.00	-0.08
	3	443	3,263.80	0.00	0.00	0.00	0.00	0.02
		444	-3,263.80	0.00	0.00	0.00	0.00	-0.01
	4	443	42,163.63	0.03	0.00	0.00	0.00	0.14
		444	-42,581.96	-0.03	0.00	0.00	0.00	-0.09
443	1	444	-172.78	0.00	0.00	0.00	0.00	0.00
		445	172.78	0.00	0.00	0.00	0.00	0.00
	2	444	39,317.61	0.02	0.00	0.00	0.00	0.08
		445	-39,735.94	-0.02	0.00	0.00	0.00	-0.04
	3	444	3,263.80	0.00	0.00	0.00	0.00	0.01
		445	-3,263.80	0.00	0.00	0.00	0.00	-0.01
	4	444	42,581.92	0.02	0.00	0.00	0.00	0.09
		445	-43,000.25	-0.02	0.00	0.00	0.00	-0.04
444	1	445	-172.78	0.00	0.00	0.00	0.00	0.00
		446	172.78	0.00	0.00	0.00	0.00	0.00
	2	445	39,735.93	0.02	0.00	0.00	0.00	0.04
		446	-40,154.27	-0.02	0.00	0.00	0.00	0.00

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	3	445	3,263.80	0.00	0.00	0.00	0.00	0.01
		446	-3,263.80	0.00	0.00	0.00	0.00	0.00
	4	445	43,000.29	0.02	0.00	0.00	0.00	0.04
		446	-43,418.62	-0.02	0.00	0.00	0.00	0.00
445	1	446	-172.78	0.00	0.00	0.00	0.00	0.00
		424	172.78	0.00	0.00	0.00	0.00	0.00
	2	446	40,154.25	0.02	0.00	0.00	0.00	0.00
		424	-40,572.58	-0.02	0.00	0.00	0.00	0.03
	3	446	3,263.80	0.00	0.00	0.00	0.00	0.00
		424	-3,263.80	0.00	0.00	0.00	0.00	0.00
	4	446	43,418.61	0.02	0.00	0.00	0.00	0.00
		424	-43,836.95	-0.02	0.00	0.00	0.00	0.03
446	1	424	-172.78	0.00	0.00	0.00	0.00	0.00
		447	172.78	0.00	0.00	0.00	0.00	0.00
	2	424	40,572.58	0.01	0.00	0.00	0.00	-0.03
		447	-40,886.32	-0.01	0.00	0.00	0.00	0.05
	3	424	3,263.80	0.00	0.00	0.00	0.00	0.00
		447	-3,263.80	0.00	0.00	0.00	0.00	0.01
	4	424	43,836.95	0.02	0.00	0.00	0.00	-0.03
		447	-44,150.70	-0.02	0.00	0.00	0.00	0.06
448	1	448	147.36	-112.97	0.00	0.00	0.00	-1,788.09
		449	-147.36	112.97	0.00	0.00	0.00	771.28
	2	448	22,002.92	-793.75	0.00	0.00	0.00	-16,917.32
		449	-23,885.41	793.75	0.00	0.00	0.00	9,846.04
	3	448	3,637.15	-144.03	0.00	0.00	0.00	-3,017.50
		449	-3,637.15	144.03	0.00	0.00	0.00	1,723.12
	4	448	25,639.46	-937.06	0.00	0.00	0.00	-19,930.36
		449	-27,521.95	937.06	0.00	0.00	0.00	11,594.38
449	1	449	147.36	-112.97	0.00	0.00	0.00	-771.28
		450	-147.36	112.97	0.00	0.00	0.00	-923.49
	2	449	23,885.44	-793.75	0.00	0.00	0.00	-9,846.04
		450	-27,022.93	793.75	0.00	0.00	0.00	-2,173.68
	3	449	3,637.15	-144.03	0.00	0.00	0.00	-1,723.11
		450	-3,637.15	144.03	0.00	0.00	0.00	-440.72
	4	449	27,521.98	-937.06	0.00	0.00	0.00	-11,594.37
		450	-30,659.47	937.06	0.00	0.00	0.00	-2,618.20
450	1	450	147.36	-83.79	0.00	0.00	0.00	923.50
		452	-147.36	83.79	0.00	0.00	0.00	-1,049.18
	2	450	27,023.06	-651.69	0.00	0.00	0.00	2,173.61
		452	-27,336.81	651.69	0.00	0.00	0.00	-3,167.45
	3	450	3,637.16	-117.79	0.00	0.00	0.00	440.66
		452	-3,637.16	117.79	0.00	0.00	0.00	-617.78
	4	450	30,659.33	-768.16	0.00	0.00	0.00	2,618.37
		452	-30,973.08	768.16	0.00	0.00	0.00	-3,792.43
451	1	452	147.37	-37.67	0.00	0.00	0.00	1,049.16
		453	-147.37	37.67	0.00	0.00	0.00	-1,105.69
	2	452	27,336.69	-419.67	0.00	0.00	0.00	3,167.40
		453	-27,650.44	419.67	0.00	0.00	0.00	-3,811.92
	3	452	3,637.15	-74.93	0.00	0.00	0.00	617.70
		453	-3,637.15	74.93	0.00	0.00	0.00	-730.45

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	452	30,973.12	-493.22	0.00	0.00	0.00	3,792.47
		453	-31,286.87	493.22	0.00	0.00	0.00	-4,552.61
452	1	453	147.36	-2.31	0.00	0.00	0.00	1,105.66
		454	-147.36	2.31	0.00	0.00	0.00	-1,109.15
	2	453	27,650.40	-236.21	0.00	0.00	0.00	3,812.03
		454	-27,964.15	236.21	0.00	0.00	0.00	-4,179.96
	3	453	3,637.12	-41.11	0.00	0.00	0.00	730.43
		454	-3,637.12	41.11	0.00	0.00	0.00	-792.42
	4	453	31,287.01	-275.76	0.00	0.00	0.00	4,552.49
		454	-31,600.76	275.76	0.00	0.00	0.00	-4,984.21
453	1	454	147.36	23.69	0.00	0.00	0.00	1,109.16
		455	-147.36	-23.69	0.00	0.00	0.00	-1,073.65
	2	454	27,964.34	-95.94	0.00	0.00	0.00	4,180.04
		455	-28,278.09	95.94	0.00	0.00	0.00	-4,335.88
	3	454	3,637.16	-15.32	0.00	0.00	0.00	792.44
		455	-3,637.16	15.32	0.00	0.00	0.00	-815.70
	4	454	31,600.77	-109.34	0.00	0.00	0.00	4,984.15
		455	-31,914.52	109.34	0.00	0.00	0.00	-5,164.15
454	1	455	147.36	41.81	0.00	0.00	0.00	1,073.68
		456	-147.36	-41.81	0.00	0.00	0.00	-1,010.99
	2	455	28,277.89	6.74	0.00	0.00	0.00	4,335.90
		456	-28,591.64	-6.74	0.00	0.00	0.00	-4,335.96
	3	455	3,637.13	3.49	0.00	0.00	0.00	815.71
		456	-3,637.13	-3.49	0.00	0.00	0.00	-810.73
	4	455	31,914.39	12.44	0.00	0.00	0.00	5,164.16
		456	-32,228.14	-12.44	0.00	0.00	0.00	-5,159.10
455	1	456	147.36	56.97	0.00	0.00	0.00	1,011.00
		457	-147.36	-56.97	0.00	0.00	0.00	-925.55
	2	456	28,592.07	98.47	0.00	0.00	0.00	4,335.97
		457	-28,905.82	-98.47	0.00	0.00	0.00	-4,196.62
	3	456	3,637.15	20.21	0.00	0.00	0.00	810.72
		457	-3,637.15	-20.21	0.00	0.00	0.00	-780.61
	4	456	32,228.39	120.91	0.00	0.00	0.00	5,159.14
		457	-32,542.14	-120.91	0.00	0.00	0.00	-4,988.93
456	1	457	147.36	80.41	0.00	0.00	0.00	925.56
		458	-147.36	-80.41	0.00	0.00	0.00	-804.94
	2	457	28,905.43	255.55	0.00	0.00	0.00	4,196.64
		458	-29,219.17	-255.55	0.00	0.00	0.00	-3,819.87
	3	457	3,637.17	48.73	0.00	0.00	0.00	780.60
		458	-3,637.17	-48.73	0.00	0.00	0.00	-707.66
	4	457	32,541.64	306.58	0.00	0.00	0.00	4,988.94
		458	-32,855.39	-306.58	0.00	0.00	0.00	-4,537.85
457	1	458	147.36	90.95	0.00	0.00	0.00	804.94
		459	-147.36	-90.95	0.00	0.00	0.00	-668.51
	2	458	29,219.27	343.26	0.00	0.00	0.00	3,819.88
		459	-29,533.02	-343.26	0.00	0.00	0.00	-3,309.92
	3	458	3,637.16	64.49	0.00	0.00	0.00	707.66
		459	-3,637.16	-64.49	0.00	0.00	0.00	-611.04
	4	458	32,855.70	409.96	0.00	0.00	0.00	4,537.85
		459	-33,169.44	-409.96	0.00	0.00	0.00	-3,929.49

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
458	1	459	147.36	92.78	0.00	0.00	0.00	668.51
		460	-147.36	-92.78	0.00	0.00	0.00	-529.35
	2	459	29,532.83	390.35	0.00	0.00	0.00	3,309.92
		460	-29,846.58	-390.35	0.00	0.00	0.00	-2,727.86
	3	459	3,637.14	72.74	0.00	0.00	0.00	611.04
		460	-3,637.14	-72.74	0.00	0.00	0.00	-502.01
	4	459	33,169.37	465.03	0.00	0.00	0.00	3,929.49
		460	-33,483.12	-465.03	0.00	0.00	0.00	-3,236.56
459	1	460	147.36	86.89	0.00	0.00	0.00	529.35
		461	-147.36	-86.89	0.00	0.00	0.00	-399.02
	2	460	29,846.62	391.05	0.00	0.00	0.00	2,727.86
		461	-30,160.37	-391.05	0.00	0.00	0.00	-2,143.54
	3	460	3,637.14	72.52	0.00	0.00	0.00	502.01
		461	-3,637.14	-72.52	0.00	0.00	0.00	-393.27
	4	460	33,483.39	465.21	0.00	0.00	0.00	3,236.55
		461	-33,797.13	-465.21	0.00	0.00	0.00	-2,541.71
460	1	461	147.36	76.54	0.00	0.00	0.00	399.02
		462	-147.36	-76.54	0.00	0.00	0.00	-284.21
	2	461	30,160.35	362.12	0.00	0.00	0.00	2,143.54
		462	-30,474.09	-362.12	0.00	0.00	0.00	-1,601.62
	3	461	3,637.14	66.94	0.00	0.00	0.00	393.27
		462	-3,637.14	-66.94	0.00	0.00	0.00	-292.90
	4	461	33,796.70	430.37	0.00	0.00	0.00	2,541.71
		462	-34,110.44	-430.37	0.00	0.00	0.00	-1,897.81
461	1	462	147.36	64.19	0.00	0.00	0.00	284.21
		463	-147.36	-64.19	0.00	0.00	0.00	-187.92
	2	462	30,474.22	316.78	0.00	0.00	0.00	1,601.62
		463	-30,787.96	-316.78	0.00	0.00	0.00	-1,126.95
	3	462	3,637.15	58.41	0.00	0.00	0.00	292.90
		463	-3,637.15	-58.41	0.00	0.00	0.00	-205.30
	4	462	34,110.77	376.20	0.00	0.00	0.00	1,897.82
		463	-34,424.52	-376.20	0.00	0.00	0.00	-1,334.17
462	1	463	147.36	51.63	0.00	0.00	0.00	187.92
		464	-147.36	-51.63	0.00	0.00	0.00	-110.47
	2	463	30,787.82	264.99	0.00	0.00	0.00	1,126.96
		464	-31,101.57	-264.99	0.00	0.00	0.00	-729.44
	3	463	3,637.15	48.74	0.00	0.00	0.00	205.30
		464	-3,637.15	-48.74	0.00	0.00	0.00	-132.18
	4	463	34,424.13	314.45	0.00	0.00	0.00	1,334.18
		464	-34,737.88	-314.45	0.00	0.00	0.00	-862.46
463	1	464	147.36	40.02	0.00	0.00	0.00	110.47
		465	-147.36	-40.02	0.00	0.00	0.00	-50.44
	2	464	31,101.51	213.70	0.00	0.00	0.00	729.45
		465	-31,415.26	-213.70	0.00	0.00	0.00	-408.50
	3	464	3,637.14	39.23	0.00	0.00	0.00	132.18
		465	-3,637.14	-39.23	0.00	0.00	0.00	-73.33
	4	464	34,738.21	253.42	0.00	0.00	0.00	862.46
		465	-35,051.96	-253.42	0.00	0.00	0.00	-481.81
464	1	465	147.36	30.06	0.00	0.00	0.00	50.44
		466	-147.36	-30.06	0.00	0.00	0.00	-5.34

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	2	465	31,415.37	167.51	0.00	0.00	0.00	408.50
		466	-31,729.11	-167.51	0.00	0.00	0.00	-156.63
	3	465	3,637.14	30.69	0.00	0.00	0.00	73.33
		466	-3,637.14	-30.69	0.00	0.00	0.00	-27.29
	4	465	35,052.04	198.49	0.00	0.00	0.00	481.80
		466	-35,365.79	-198.49	0.00	0.00	0.00	-183.27
465	1	466	147.36	22.08	0.00	0.00	0.00	5.34
		467	-147.36	-22.08	0.00	0.00	0.00	27.78
	2	466	31,729.32	129.00	0.00	0.00	0.00	156.63
		467	-32,043.07	-129.00	0.00	0.00	0.00	37.57
	3	466	3,637.15	23.58	0.00	0.00	0.00	27.29
		467	-3,637.15	-23.58	0.00	0.00	0.00	8.10
	4	466	35,365.60	152.73	0.00	0.00	0.00	183.26
		467	-35,679.35	-152.73	0.00	0.00	0.00	46.75
466	1	467	147.36	14.13	0.00	0.00	0.00	-27.78
		468	-147.36	-14.13	0.00	0.00	0.00	48.98
	2	467	32,042.85	89.28	0.00	0.00	0.00	-37.57
		468	-32,356.60	-89.28	0.00	0.00	0.00	172.18
	3	467	3,637.16	16.27	0.00	0.00	0.00	-8.10
		468	-3,637.16	-16.27	0.00	0.00	0.00	32.52
	4	467	35,679.41	105.56	0.00	0.00	0.00	-46.76
		468	-35,993.15	-105.56	0.00	0.00	0.00	206.01
467	1	468	147.36	8.67	0.00	0.00	0.00	-48.98
		469	-147.36	-8.67	0.00	0.00	0.00	61.98
	2	468	32,356.52	60.92	0.00	0.00	0.00	-172.18
		469	-32,670.26	-60.92	0.00	0.00	0.00	264.16
	3	468	3,637.16	11.06	0.00	0.00	0.00	-32.52
		469	-3,637.16	-11.06	0.00	0.00	0.00	49.12
	4	468	35,993.07	71.91	0.00	0.00	0.00	-206.01
		469	-36,306.82	-71.91	0.00	0.00	0.00	314.68
468	1	469	147.36	-1.39	0.00	0.00	0.00	-61.98
		451	-147.36	1.39	0.00	0.00	0.00	59.90
	2	469	32,670.41	6.25	0.00	0.00	0.00	-264.16
		451	-32,984.16	-6.25	0.00	0.00	0.00	274.03
	3	469	3,637.14	1.04	0.00	0.00	0.00	-49.12
		451	-3,637.14	-1.04	0.00	0.00	0.00	50.69
	4	469	36,306.70	7.10	0.00	0.00	0.00	-314.68
		451	-36,620.45	-7.10	0.00	0.00	0.00	325.97
469	1	451	147.36	-6.66	0.00	0.00	0.00	-59.90
		471	-147.36	6.66	0.00	0.00	0.00	46.58
	2	451	32,984.21	-24.71	0.00	0.00	0.00	-274.03
		471	-33,402.54	24.71	0.00	0.00	0.00	225.06
	3	451	3,637.14	-4.61	0.00	0.00	0.00	-50.69
		471	-3,637.14	4.61	0.00	0.00	0.00	41.48
	4	451	36,620.67	-29.56	0.00	0.00	0.00	-325.97
		471	-37,039.00	29.56	0.00	0.00	0.00	267.45
470	1	471	147.36	-7.76	0.00	0.00	0.00	-46.58
		472	-147.36	7.76	0.00	0.00	0.00	31.06
	2	471	33,402.50	-34.06	0.00	0.00	0.00	-225.06
		472	-33,820.83	34.06	0.00	0.00	0.00	157.20

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	3	471	3,637.15	-6.30	0.00	0.00	0.00	-41.48
		472	-3,637.15	6.30	0.00	0.00	0.00	28.89
	4	471	37,039.01	-40.56	0.00	0.00	0.00	-267.45
		472	-37,457.34	40.56	0.00	0.00	0.00	186.65
471	1	472	147.36	-6.68	0.00	0.00	0.00	-31.06
		473	-147.36	6.68	0.00	0.00	0.00	17.70
	2	472	33,820.80	-31.42	0.00	0.00	0.00	-157.20
		473	-34,239.13	31.42	0.00	0.00	0.00	94.47
	3	472	3,637.15	-5.79	0.00	0.00	0.00	-28.89
		473	-3,637.15	5.79	0.00	0.00	0.00	17.31
	4	472	37,457.29	-37.36	0.00	0.00	0.00	-186.65
		473	-37,875.62	37.36	0.00	0.00	0.00	112.07
472	1	473	147.36	-4.79	0.00	0.00	0.00	-17.70
		474	-147.36	4.79	0.00	0.00	0.00	8.12
	2	473	34,239.10	-23.66	0.00	0.00	0.00	-94.47
		474	-34,657.43	23.66	0.00	0.00	0.00	47.18
	3	473	3,637.16	-4.35	0.00	0.00	0.00	-17.31
		474	-3,637.16	4.35	0.00	0.00	0.00	8.61
	4	473	37,875.64	-28.10	0.00	0.00	0.00	-112.07
		474	-38,293.97	28.10	0.00	0.00	0.00	55.89
473	1	474	147.36	-3.05	0.00	0.00	0.00	-8.12
		475	-147.36	3.05	0.00	0.00	0.00	2.03
	2	474	34,657.41	-15.72	0.00	0.00	0.00	-47.18
		475	-35,075.74	15.72	0.00	0.00	0.00	15.71
	3	474	3,637.15	-2.89	0.00	0.00	0.00	-8.61
		475	-3,637.15	2.89	0.00	0.00	0.00	2.83
	4	474	38,294.00	-18.66	0.00	0.00	0.00	-55.89
		475	-38,712.33	18.66	0.00	0.00	0.00	18.53
474	1	475	147.36	-1.63	0.00	0.00	0.00	-2.03
		476	-147.36	1.63	0.00	0.00	0.00	-1.24
	2	475	35,075.72	-8.93	0.00	0.00	0.00	-15.71
		476	-35,494.05	8.93	0.00	0.00	0.00	-2.20
	3	475	3,637.15	-1.64	0.00	0.00	0.00	-2.83
		476	-3,637.15	1.64	0.00	0.00	0.00	-0.44
	4	475	38,712.36	-10.59	0.00	0.00	0.00	-18.53
		476	-39,130.69	10.59	0.00	0.00	0.00	-2.71
475	1	476	147.36	-0.65	0.00	0.00	0.00	1.24
		477	-147.36	0.65	0.00	0.00	0.00	-2.35
	2	476	35,494.11	-4.00	0.00	0.00	0.00	2.20
		477	-35,912.44	4.00	0.00	0.00	0.00	-10.24
	3	476	3,637.15	-0.73	0.00	0.00	0.00	0.44
		477	-3,637.15	0.73	0.00	0.00	0.00	-1.90
	4	476	39,130.72	-4.73	0.00	0.00	0.00	2.71
		477	-39,549.06	4.73	0.00	0.00	0.00	-12.22
476	1	477	147.36	-0.06	0.00	0.00	0.00	2.55
		478	-147.36	0.06	0.00	0.00	0.00	-2.67
	2	477	35,912.43	-0.89	0.00	0.00	0.00	10.24
		478	-36,330.76	0.89	0.00	0.00	0.00	-12.05
	3	477	3,637.15	-0.16	0.00	0.00	0.00	1.90
		478	-3,637.15	0.16	0.00	0.00	0.00	-2.22

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THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	477	39,549.03	-1.04	0.00	0.00	0.00	12.22
		478	-39,967.36	1.04	0.00	0.00	0.00	-14.35
477	1	478	147.36	0.23	0.00	0.00	0.00	2.67
		479	-147.36	-0.23	0.00	0.00	0.00	-2.21
	2	478	36,330.82	0.75	0.00	0.00	0.00	12.05
		479	-36,749.15	-0.75	0.00	0.00	0.00	-10.58
	3	478	3,637.14	0.14	0.00	0.00	0.00	2.22
		479	-3,637.14	-0.14	0.00	0.00	0.00	-1.94
	4	478	39,967.26	0.90	0.00	0.00	0.00	14.35
		479	-40,385.60	-0.90	0.00	0.00	0.00	-12.58
478	1	479	147.36	0.32	0.00	0.00	0.00	2.21
		480	-147.36	-0.32	0.00	0.00	0.00	-1.57
	2	479	36,749.15	1.38	0.00	0.00	0.00	10.58
		480	-37,167.49	-1.38	0.00	0.00	0.00	-7.83
	3	479	3,637.15	0.25	0.00	0.00	0.00	1.94
		480	-3,637.15	-0.25	0.00	0.00	0.00	-1.44
	4	479	40,385.64	1.65	0.00	0.00	0.00	12.58
		480	-40,803.98	-1.65	0.00	0.00	0.00	-9.30
479	1	480	147.36	0.30	0.00	0.00	0.00	1.57
		481	-147.36	-0.30	0.00	0.00	0.00	-0.96
	2	480	37,167.46	1.41	0.00	0.00	0.00	7.83
		481	-37,585.79	-1.41	0.00	0.00	0.00	-5.02
	3	480	3,637.15	0.26	0.00	0.00	0.00	1.44
		481	-3,637.15	-0.26	0.00	0.00	0.00	-0.92
	4	480	40,803.96	1.68	0.00	0.00	0.00	9.30
		481	-41,222.30	-1.68	0.00	0.00	0.00	-5.96
480	1	481	147.36	0.24	0.00	0.00	0.00	0.96
		482	-147.36	-0.24	0.00	0.00	0.00	-0.49
	2	481	37,585.76	1.15	0.00	0.00	0.00	5.02
		482	-38,004.09	-1.15	0.00	0.00	0.00	-2.72
	3	481	3,637.15	0.21	0.00	0.00	0.00	0.92
		482	-3,637.15	-0.21	0.00	0.00	0.00	-0.50
	4	481	41,222.32	1.37	0.00	0.00	0.00	5.96
		482	-41,640.65	-1.37	0.00	0.00	0.00	-3.22
481	1	482	147.36	0.16	0.00	0.00	0.00	0.49
		483	-147.36	-0.16	0.00	0.00	0.00	-0.17
	2	482	38,004.15	0.81	0.00	0.00	0.00	2.72
		483	-38,422.48	-0.81	0.00	0.00	0.00	-1.11
	3	482	3,637.15	0.15	0.00	0.00	0.00	0.50
		483	-3,637.15	-0.15	0.00	0.00	0.00	-0.20
	4	482	41,640.61	0.96	0.00	0.00	0.00	3.22
		483	-42,058.94	-0.96	0.00	0.00	0.00	-1.31
482	1	483	147.36	0.09	0.00	0.00	0.00	0.17
		484	-147.36	-0.09	0.00	0.00	0.00	0.01
	2	483	38,422.38	0.49	0.00	0.00	0.00	1.11
		484	-38,840.71	-0.49	0.00	0.00	0.00	-0.13
	3	483	3,637.14	0.09	0.00	0.00	0.00	0.20
		484	-3,637.14	-0.09	0.00	0.00	0.00	-0.02
	4	483	42,058.93	0.58	0.00	0.00	0.00	1.31
		484	-42,477.26	-0.58	0.00	0.00	0.00	-0.15

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
483	1	484	147.36	0.04	0.00	0.00	0.00	-0.01
		485	-147.36	-0.04	0.00	0.00	0.00	0.10
	2	484	38,840.71	0.24	0.00	0.00	0.00	0.13
		485	-39,259.05	-0.24	0.00	0.00	0.00	0.36
	3	484	3,637.15	0.04	0.00	0.00	0.00	0.02
		485	-3,637.15	-0.04	0.00	0.00	0.00	0.07
	4	484	42,477.31	0.29	0.00	0.00	0.00	0.15
		485	-42,895.64	-0.29	0.00	0.00	0.00	0.43
484	1	485	147.36	0.01	0.00	0.00	0.00	-0.10
		486	-147.36	-0.01	0.00	0.00	0.00	0.12
	2	485	39,259.04	0.08	0.00	0.00	0.00	-0.36
		486	-39,677.38	-0.08	0.00	0.00	0.00	0.52
	3	485	3,637.15	0.01	0.00	0.00	0.00	-0.07
		486	-3,637.15	-0.01	0.00	0.00	0.00	0.10
	4	485	42,895.66	0.09	0.00	0.00	0.00	-0.43
		486	-43,313.99	-0.09	0.00	0.00	0.00	0.62
485	1	486	147.36	-0.01	0.00	0.00	0.00	-0.12
		487	-147.36	0.01	0.00	0.00	0.00	0.11
	2	486	39,677.44	-0.01	0.00	0.00	0.00	-0.52
		487	-40,095.77	0.01	0.00	0.00	0.00	0.50
	3	486	3,637.15	0.00	0.00	0.00	0.00	-0.10
		487	-3,637.15	0.00	0.00	0.00	0.00	-0.09
	4	486	43,314.00	-0.01	0.00	0.00	0.00	-0.62
		487	-43,732.34	0.01	0.00	0.00	0.00	0.60
486	1	487	147.36	-0.01	0.00	0.00	0.00	-0.11
		488	-147.36	0.01	0.00	0.00	0.00	0.08
	2	487	40,095.76	-0.03	0.00	0.00	0.00	-0.50
		488	-40,514.09	0.03	0.00	0.00	0.00	0.40
	3	487	3,637.14	-0.01	0.00	0.00	0.00	-0.09
		488	-3,637.14	0.01	0.00	0.00	0.00	0.07
	4	487	43,732.39	-0.06	0.00	0.00	0.00	-0.60
		488	-44,150.72	0.06	0.00	0.00	0.00	0.47
487	1	488	147.36	-0.01	0.00	0.00	0.00	-0.08
		489	-147.36	0.01	0.00	0.00	0.00	0.05
	2	488	40,514.13	-0.06	0.00	0.00	0.00	-0.40
		489	-40,932.46	0.06	0.00	0.00	0.00	0.27
	3	488	3,637.15	-0.01	0.00	0.00	0.00	-0.07
		489	-3,637.15	0.01	0.00	0.00	0.00	0.05
	4	488	44,150.66	-0.07	0.00	0.00	0.00	-0.47
		489	-44,568.99	0.07	0.00	0.00	0.00	0.32
488	1	489	147.36	-0.01	0.00	0.00	0.00	-0.05
		490	-147.36	0.01	0.00	0.00	0.00	0.03
	2	489	40,932.44	-0.06	0.00	0.00	0.00	-0.27
		490	-41,350.77	0.06	0.00	0.00	0.00	0.16
	3	489	3,637.15	-0.01	0.00	0.00	0.00	-0.05
		490	-3,637.15	0.01	0.00	0.00	0.00	0.03
	4	489	44,568.96	-0.07	0.00	0.00	0.00	-0.32
		490	-44,987.30	0.07	0.00	0.00	0.00	0.19
489	1	490	147.36	-0.01	0.00	0.00	0.00	-0.03
		491	-147.36	0.01	0.00	0.00	0.00	0.01

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	2	490	41,350.79	-0.05	0.00	0.00	0.00	-0.16
		491	-41,769.12	0.05	0.00	0.00	0.00	0.07
	3	490	3,637.15	-0.01	0.00	0.00	0.00	-0.03
		491	-3,637.15	0.01	0.00	0.00	0.00	0.01
	4	490	44,987.33	-0.06	0.00	0.00	0.00	-0.19
		491	-45,405.66	0.06	0.00	0.00	0.00	0.08
490	1	491	147.36	-0.01	0.00	0.00	0.00	-0.01
		492	-147.36	0.01	0.00	0.00	0.00	0.00
	2	491	41,769.10	-0.04	0.00	0.00	0.00	-0.07
		492	-42,187.43	0.04	0.00	0.00	0.00	-0.01
	3	491	3,637.15	-0.01	0.00	0.00	0.00	-0.01
		492	-3,637.15	0.01	0.00	0.00	0.00	0.00
	4	491	45,405.64	-0.04	0.00	0.00	0.00	-0.08
		492	-45,823.98	0.04	0.00	0.00	0.00	-0.01
491	1	492	147.36	-0.01	0.00	0.00	0.00	0.00
		470	-147.36	0.01	0.00	0.00	0.00	-0.02
	2	492	42,187.44	-0.03	0.00	0.00	0.00	0.01
		470	-42,605.77	0.03	0.00	0.00	0.00	-0.07
	3	492	3,637.15	-0.01	0.00	0.00	0.00	0.00
		470	-3,637.15	0.01	0.00	0.00	0.00	-0.01
	4	492	45,823.97	-0.04	0.00	0.00	0.00	0.01
		470	-46,242.30	0.04	0.00	0.00	0.00	-0.09
492	1	470	147.36	-0.01	0.00	0.00	0.00	0.02
		493	-147.36	0.01	0.00	0.00	0.00	-0.02
	2	470	42,605.78	-0.03	0.00	0.00	0.00	0.07
		493	-42,919.53	0.03	0.00	0.00	0.00	-0.12
	3	470	3,637.15	-0.01	0.00	0.00	0.00	0.01
		493	-3,637.15	0.01	0.00	0.00	0.00	-0.02
	4	470	46,242.32	-0.04	0.00	0.00	0.00	0.09
		493	-46,556.06	0.04	0.00	0.00	0.00	-0.14
494	1	494	476.78	-91.50	0.00	0.00	0.00	-1,311.00
		495	-476.78	91.50	0.00	0.00	0.00	487.10
	2	494	20,939.02	600.86	0.00	0.00	0.00	14,094.94
		495	-22,821.51	-600.86	0.00	0.00	0.00	-8,791.01
	3	494	3,373.22	96.70	0.00	0.00	0.00	2,339.68
		495	-3,373.22	-96.70	0.00	0.00	0.00	-1,472.47
	4	494	24,313.51	697.99	0.00	0.00	0.00	16,419.80
		495	-26,196.00	-697.99	0.00	0.00	0.00	-10,280.70
495	1	495	476.78	-91.50	0.00	0.00	0.00	-487.10
		496	-476.78	91.50	0.00	0.00	0.00	-886.24
	2	495	22,821.57	600.86	0.00	0.00	0.00	8,791.01
		496	-25,959.06	-600.86	0.00	0.00	0.00	248.60
	3	495	3,373.23	96.70	0.00	0.00	0.00	1,472.47
		496	-3,373.23	-96.70	0.00	0.00	0.00	-21.74
	4	495	26,195.97	697.98	0.00	0.00	0.00	10,280.71
		496	-29,333.46	-697.98	0.00	0.00	0.00	221.68
496	1	496	476.78	-65.79	0.00	0.00	0.00	886.27
		498	-476.78	65.79	0.00	0.00	0.00	-984.99
	2	496	25,959.11	514.16	0.00	0.00	0.00	-248.63
		498	-26,272.85	-514.16	0.00	0.00	0.00	1,028.33

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THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	3	496	3,373.22	83.75	0.00	0.00	0.00	21.74
		498	-3,373.22	-83.75	0.00	0.00	0.00	104.05
	4	496	29,333.37	598.10	0.00	0.00	0.00	-221.76
		498	-29,647.12	-598.10	0.00	0.00	0.00	1,129.93
497	1	498	476.78	-25.41	0.00	0.00	0.00	985.02
		499	-476.78	25.41	0.00	0.00	0.00	-1,023.19
	2	498	26,272.84	369.36	0.00	0.00	0.00	-1,028.47
		499	-26,586.59	-369.36	0.00	0.00	0.00	1,590.75
	3	498	3,373.22	61.94	0.00	0.00	0.00	-104.05
		499	-3,373.22	-61.94	0.00	0.00	0.00	197.11
	4	498	29,647.38	431.46	0.00	0.00	0.00	-1,130.01
		499	-29,961.12	-431.46	0.00	0.00	0.00	1,787.78
498	1	499	476.78	5.33	0.00	0.00	0.00	1,023.20
		500	-476.78	-5.33	0.00	0.00	0.00	-1,015.25
	2	499	26,586.42	252.04	0.00	0.00	0.00	-1,590.83
		500	-26,900.16	-252.04	0.00	0.00	0.00	1,976.56
	3	499	3,373.23	44.10	0.00	0.00	0.00	-197.12
		500	-3,373.23	-44.10	0.00	0.00	0.00	263.42
	4	499	29,961.14	296.13	0.00	0.00	0.00	-1,787.71
		500	-30,274.89	-296.13	0.00	0.00	0.00	2,241.72
499	1	500	476.78	27.74	0.00	0.00	0.00	1,015.28
		501	-476.78	-27.74	0.00	0.00	0.00	-973.70
	2	500	26,900.42	160.05	0.00	0.00	0.00	-1,976.62
		501	-27,214.17	-160.05	0.00	0.00	0.00	2,223.57
	3	500	3,373.26	29.99	0.00	0.00	0.00	-263.42
		501	-3,373.26	-29.99	0.00	0.00	0.00	308.53
	4	500	30,274.80	189.72	0.00	0.00	0.00	-2,241.70
		501	-30,588.55	-189.72	0.00	0.00	0.00	2,535.24
500	1	501	476.78	43.23	0.00	0.00	0.00	973.71
		502	-476.78	-43.23	0.00	0.00	0.00	-908.90
	2	501	27,214.38	90.55	0.00	0.00	0.00	-2,223.63
		502	-27,528.12	-90.55	0.00	0.00	0.00	2,365.48
	3	501	3,373.21	19.22	0.00	0.00	0.00	-308.53
		502	-3,373.21	-19.22	0.00	0.00	0.00	337.46
	4	501	30,588.64	109.35	0.00	0.00	0.00	-2,535.21
		502	-30,902.38	-109.35	0.00	0.00	0.00	2,707.06
501	1	502	476.78	56.01	0.00	0.00	0.00	908.89
		503	-476.78	-56.01	0.00	0.00	0.00	-824.91
	2	502	27,527.95	26.17	0.00	0.00	0.00	-2,365.54
		503	-27,841.69	-26.17	0.00	0.00	0.00	2,409.91
	3	502	3,373.21	9.12	0.00	0.00	0.00	-337.46
		503	-3,373.21	-9.12	0.00	0.00	0.00	351.24
	4	502	30,902.38	34.72	0.00	0.00	0.00	-2,707.07
		503	-31,216.13	-34.72	0.00	0.00	0.00	2,765.79
502	1	503	476.78	75.28	0.00	0.00	0.00	824.90
		504	-476.78	-75.28	0.00	0.00	0.00	-712.00
	2	503	27,841.51	-89.98	0.00	0.00	0.00	-2,409.95
		504	-28,155.26	89.98	0.00	0.00	0.00	2,279.10
	3	503	3,373.24	-9.42	0.00	0.00	0.00	-351.24
		504	-3,373.24	9.42	0.00	0.00	0.00	337.19

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	503	31,215.86	-100.12	0.00	0.00	0.00	-2,765.83
		504	-31,529.60	100.12	0.00	0.00	0.00	2,620.99
503	1	504	476.78	83.37	0.00	0.00	0.00	712.00
		505	-476.78	-83.37	0.00	0.00	0.00	-586.96
	2	504	28,155.34	-160.83	0.00	0.00	0.00	-2,279.10
		505	-28,469.09	160.83	0.00	0.00	0.00	2,041.06
	3	504	3,373.22	-21.01	0.00	0.00	0.00	-337.19
		505	-3,373.22	21.01	0.00	0.00	0.00	305.74
	4	504	31,529.78	-182.65	0.00	0.00	0.00	-2,621.01
		505	-31,843.53	182.65	0.00	0.00	0.00	2,351.18
504	1	505	476.78	83.74	0.00	0.00	0.00	586.96
		506	-476.78	-83.74	0.00	0.00	0.00	-461.36
	2	505	28,468.99	-207.82	0.00	0.00	0.00	-2,041.05
		506	-28,782.73	207.82	0.00	0.00	0.00	1,731.65
	3	505	3,373.23	-29.10	0.00	0.00	0.00	-305.74
		506	-3,373.23	29.10	0.00	0.00	0.00	262.13
	4	505	31,843.18	-237.73	0.00	0.00	0.00	-2,351.19
		506	-32,156.93	237.73	0.00	0.00	0.00	1,997.61
505	1	506	476.78	77.59	0.00	0.00	0.00	461.36
		507	-476.78	-77.59	0.00	0.00	0.00	-344.98
	2	506	28,782.94	-222.37	0.00	0.00	0.00	-1,731.66
		507	-29,096.69	222.37	0.00	0.00	0.00	1,399.68
	3	506	3,373.22	-32.12	0.00	0.00	0.00	-262.13
		507	-3,373.22	32.12	0.00	0.00	0.00	213.98
	4	506	32,157.33	-255.24	0.00	0.00	0.00	-1,997.62
		507	-32,471.08	255.24	0.00	0.00	0.00	1,616.81
506	1	507	476.78	67.77	0.00	0.00	0.00	344.98
		508	-476.78	-67.77	0.00	0.00	0.00	-243.33
	2	507	29,096.56	-215.12	0.00	0.00	0.00	-1,399.68
		508	-29,410.31	215.12	0.00	0.00	0.00	1,077.97
	3	507	3,373.24	-31.66	0.00	0.00	0.00	-213.98
		508	-3,373.24	31.66	0.00	0.00	0.00	166.50
	4	507	32,471.12	-247.45	0.00	0.00	0.00	-1,616.81
		508	-32,784.86	247.45	0.00	0.00	0.00	1,246.90
507	1	508	476.78	56.42	0.00	0.00	0.00	243.33
		509	-476.78	-56.42	0.00	0.00	0.00	-158.70
	2	508	29,410.28	-194.68	0.00	0.00	0.00	-1,077.97
		509	-29,724.02	194.68	0.00	0.00	0.00	786.45
	3	508	3,373.22	-29.06	0.00	0.00	0.00	-166.50
		509	-3,373.22	29.06	0.00	0.00	0.00	122.93
	4	508	32,784.77	-224.28	0.00	0.00	0.00	-1,246.90
		509	-33,098.51	224.28	0.00	0.00	0.00	911.12
508	1	509	476.78	45.04	0.00	0.00	0.00	158.70
		510	-476.78	-45.04	0.00	0.00	0.00	-91.14
	2	509	29,724.16	-167.70	0.00	0.00	0.00	-786.45
		510	-30,037.90	167.70	0.00	0.00	0.00	535.03
	3	509	3,373.22	-25.32	0.00	0.00	0.00	-122.93
		510	-3,373.22	25.32	0.00	0.00	0.00	84.95
	4	509	33,098.47	-193.47	0.00	0.00	0.00	-911.12
		510	-33,412.21	193.47	0.00	0.00	0.00	621.09

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
509	1	510	476.78	34.64	0.00	0.00	0.00	91.13
		511	-476.78	-34.64	0.00	0.00	0.00	-39.17
	2	510	30,037.82	-139.07	0.00	0.00	0.00	-535.03
		511	-30,351.56	139.07	0.00	0.00	0.00	326.29
	3	510	3,373.25	-21.22	0.00	0.00	0.00	-84.95
		511	-3,373.25	21.22	0.00	0.00	0.00	53.11
	4	510	33,412.17	-160.63	0.00	0.00	0.00	-621.10
		511	-33,725.91	160.63	0.00	0.00	0.00	380.00
510	1	511	476.78	25.79	0.00	0.00	0.00	39.17
		512	-476.78	-25.79	0.00	0.00	0.00	-0.48
	2	511	30,351.58	-112.12	0.00	0.00	0.00	-326.29
		512	-30,665.32	112.12	0.00	0.00	0.00	157.84
	3	511	3,373.23	-17.29	0.00	0.00	0.00	-53.11
		512	-3,373.23	17.29	0.00	0.00	0.00	27.17
	4	511	33,725.92	-129.65	0.00	0.00	0.00	-380.00
		512	-34,039.67	129.65	0.00	0.00	0.00	185.17
511	1	512	476.78	18.75	0.00	0.00	0.00	0.47
		513	-476.78	-18.75	0.00	0.00	0.00	27.65
	2	512	30,665.34	-88.90	0.00	0.00	0.00	-157.83
		513	-30,979.09	88.90	0.00	0.00	0.00	24.12
	3	512	3,373.24	-13.85	0.00	0.00	0.00	-27.17
		513	-3,373.24	13.85	0.00	0.00	0.00	6.39
	4	512	34,039.66	-102.92	0.00	0.00	0.00	-185.17
		513	-34,353.41	102.92	0.00	0.00	0.00	30.32
512	1	513	476.78	11.78	0.00	0.00	0.00	-27.65
		514	-476.78	-11.78	0.00	0.00	0.00	45.31
	2	513	30,979.02	-64.27	0.00	0.00	0.00	-24.12
		514	-31,292.76	64.27	0.00	0.00	0.00	-72.66
	3	513	3,373.25	-10.17	0.00	0.00	0.00	-6.39
		514	-3,373.25	10.17	0.00	0.00	0.00	-8.87
	4	513	34,353.54	-74.53	0.00	0.00	0.00	-30.32
		514	-34,667.28	74.53	0.00	0.00	0.00	-81.95
513	1	514	476.78	7.02	0.00	0.00	0.00	-45.31
		515	-476.78	-7.02	0.00	0.00	0.00	55.84
	2	514	31,292.92	-46.18	0.00	0.00	0.00	72.66
		515	-31,606.67	46.18	0.00	0.00	0.00	-142.29
	3	514	3,373.23	-7.43	0.00	0.00	0.00	8.87
		515	-3,373.23	7.43	0.00	0.00	0.00	-20.02
	4	514	34,667.14	-53.66	0.00	0.00	0.00	81.95
		515	-34,980.88	53.66	0.00	0.00	0.00	-162.89
514	1	515	476.78	-1.65	0.00	0.00	0.00	-55.84
		497	-476.78	1.65	0.00	0.00	0.00	53.36
	2	515	31,606.69	-10.19	0.00	0.00	0.00	142.29
		497	-31,920.44	10.19	0.00	0.00	0.00	-157.87
	3	515	3,373.22	-1.92	0.00	0.00	0.00	20.02
		497	-3,373.22	1.92	0.00	0.00	0.00	-22.90
	4	515	34,980.84	-12.06	0.00	0.00	0.00	162.89
		497	-35,294.58	12.06	0.00	0.00	0.00	-181.36
515	1	497	476.78	-6.13	0.00	0.00	0.00	-53.36
		517	-476.78	6.13	0.00	0.00	0.00	41.10

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	2	497	31,920.23	11.18	0.00	0.00	0.00	157.87
		517	-32,338.57	-11.18	0.00	0.00	0.00	-135.78
	3	497	3,373.23	1.41	0.00	0.00	0.00	22.90
		517	-3,373.23	-1.41	0.00	0.00	0.00	-20.08
	4	497	35,294.82	12.69	0.00	0.00	0.00	181.36
		517	-35,713.15	-12.69	0.00	0.00	0.00	-156.34
516	1	517	476.78	-6.96	0.00	0.00	0.00	-41.10
		518	-476.78	6.96	0.00	0.00	0.00	27.18
	2	517	32,338.61	18.82	0.00	0.00	0.00	135.78
		518	-32,756.94	-18.82	0.00	0.00	0.00	-98.30
	3	517	3,373.23	2.67	0.00	0.00	0.00	20.08
		518	-3,373.23	-2.67	0.00	0.00	0.00	-14.75
	4	517	35,713.09	21.59	0.00	0.00	0.00	156.34
		518	-36,131.43	-21.59	0.00	0.00	0.00	-113.37
517	1	518	476.78	-5.93	0.00	0.00	0.00	-27.18
		519	-476.78	5.93	0.00	0.00	0.00	15.33
	2	518	32,756.98	18.51	0.00	0.00	0.00	98.30
		519	-33,175.31	-18.51	0.00	0.00	0.00	-61.36
	3	518	3,373.23	2.70	0.00	0.00	0.00	14.75
		519	-3,373.23	-2.70	0.00	0.00	0.00	-9.34
	4	518	36,131.37	21.29	0.00	0.00	0.00	113.37
		519	-36,549.71	-21.29	0.00	0.00	0.00	-70.88
518	1	519	476.78	-4.21	0.00	0.00	0.00	-15.33
		520	-476.78	4.21	0.00	0.00	0.00	6.91
	2	519	33,175.15	14.51	0.00	0.00	0.00	61.36
		520	-33,593.48	-14.51	0.00	0.00	0.00	-32.35
	3	519	3,373.23	2.16	0.00	0.00	0.00	9.34
		520	-3,373.23	-2.16	0.00	0.00	0.00	-5.02
	4	519	36,549.73	16.72	0.00	0.00	0.00	70.88
		520	-36,968.06	-16.72	0.00	0.00	0.00	-37.46
519	1	520	476.78	-2.66	0.00	0.00	0.00	-6.91
		521	-476.78	2.66	0.00	0.00	0.00	1.59
	2	520	33,593.54	9.98	0.00	0.00	0.00	32.35
		521	-34,011.87	-9.98	0.00	0.00	0.00	-12.39
	3	520	3,373.23	1.50	0.00	0.00	0.00	5.02
		521	-3,373.23	-1.50	0.00	0.00	0.00	-2.01
	4	520	36,968.02	11.51	0.00	0.00	0.00	37.46
		521	-37,386.35	-11.51	0.00	0.00	0.00	-14.42
520	1	521	476.78	-1.41	0.00	0.00	0.00	-1.59
		522	-476.78	1.41	0.00	0.00	0.00	-1.22
	2	521	34,012.00	5.90	0.00	0.00	0.00	12.39
		522	-34,430.33	-5.90	0.00	0.00	0.00	-0.56
	3	521	3,373.23	0.91	0.00	0.00	0.00	2.01
		522	-3,373.23	-0.91	0.00	0.00	0.00	-0.20
	4	521	37,386.38	6.82	0.00	0.00	0.00	14.42
		522	-37,804.71	-6.82	0.00	0.00	0.00	-0.74
521	1	522	476.78	-0.55	0.00	0.00	0.00	1.22
		523	-476.78	0.55	0.00	0.00	0.00	-2.32
	2	522	34,430.32	2.84	0.00	0.00	0.00	0.56
		523	-34,848.66	-2.84	0.00	0.00	0.00	5.14

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
		3	522	3,373.23	0.45	0.00	0.00	0.20
			523	-3,373.23	-0.45	0.00	0.00	0.69
		4	522	37,804.62	1.29	0.00	0.00	0.74
			523	-38,222.95	-1.29	0.00	0.00	5.86
522	1	523	476.78	-0.03	0.00	0.00	0.00	2.32
		524	-476.78	0.03	0.00	0.00	0.00	-2.38
	2	523	34,848.59	0.84	0.00	0.00	0.00	-5.14
		524	-35,266.92	-0.84	0.00	0.00	0.00	6.84
	3	523	3,373.23	0.14	0.00	0.00	0.00	-0.69
		524	-3,373.23	-0.14	0.00	0.00	0.00	0.98
	4	523	38,222.99	0.98	0.00	0.00	0.00	-5.86
		524	-38,641.32	-0.98	0.00	0.00	0.00	7.85
523	1	524	476.78	0.21	0.00	0.00	0.00	2.38
		525	-476.78	-0.21	0.00	0.00	0.00	-1.95
	2	524	35,266.89	-0.27	0.00	0.00	0.00	-6.84
		525	-35,685.22	0.27	0.00	0.00	0.00	6.31
	3	524	3,373.23	-0.03	0.00	0.00	0.00	-0.98
		525	-3,373.23	0.03	0.00	0.00	0.00	0.93
	4	524	38,641.37	-0.30	0.00	0.00	0.00	-7.85
		525	-39,059.70	0.30	0.00	0.00	0.00	7.27
524	1	525	476.78	0.29	0.00	0.00	0.00	1.95
		526	-476.78	-0.29	0.00	0.00	0.00	-1.37
	2	525	35,685.30	-0.74	0.00	0.00	0.00	-6.31
		526	-36,103.63	0.74	0.00	0.00	0.00	4.85
	3	525	3,373.23	-0.10	0.00	0.00	0.00	-0.93
		526	-3,373.23	0.10	0.00	0.00	0.00	0.72
	4	525	39,059.58	-0.85	0.00	0.00	0.00	-7.27
		526	-39,477.91	0.85	0.00	0.00	0.00	5.59
525	1	526	476.78	0.27	0.00	0.00	0.00	1.37
		527	-476.78	-0.27	0.00	0.00	0.00	-0.83
	2	526	36,103.68	-0.82	0.00	0.00	0.00	-4.85
		527	-36,522.01	0.82	0.00	0.00	0.00	3.21
	3	526	3,373.22	-0.12	0.00	0.00	0.00	-0.72
		527	-3,373.22	0.12	0.00	0.00	0.00	0.49
	4	526	39,478.08	-0.94	0.00	0.00	0.00	-5.59
		527	-39,896.41	0.94	0.00	0.00	0.00	3.71
526	1	527	476.78	0.21	0.00	0.00	0.00	0.83
		528	-476.78	-0.21	0.00	0.00	0.00	-0.42
	2	527	36,521.93	-0.70	0.00	0.00	0.00	-3.21
		528	-36,940.26	0.70	0.00	0.00	0.00	1.82
	3	527	3,373.22	-0.10	0.00	0.00	0.00	-0.49
		528	-3,373.22	0.10	0.00	0.00	0.00	0.28
	4	527	39,896.34	-0.80	0.00	0.00	0.00	-3.71
		528	-40,314.67	0.80	0.00	0.00	0.00	2.11
527	1	528	476.78	0.14	0.00	0.00	0.00	0.42
		529	-476.78	-0.14	0.00	0.00	0.00	-0.14
	2	528	36,940.28	-0.51	0.00	0.00	0.00	-1.82
		529	-37,358.61	0.51	0.00	0.00	0.00	0.81
	3	528	3,373.23	-0.08	0.00	0.00	0.00	-0.28
		529	-3,373.23	0.08	0.00	0.00	0.00	0.13

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	528	40,314.63	-0.58	0.00	0.00	0.00	-2.11
		529	-40,732.96	0.58	0.00	0.00	0.00	0.94
528	1	529	476.78	0.08	0.00	0.00	0.00	0.14
		530	-476.78	-0.08	0.00	0.00	0.00	0.02
	2	529	37,358.63	-0.32	0.00	0.00	0.00	-0.81
		530	-37,776.96	0.32	0.00	0.00	0.00	0.17
	3	529	3,373.23	-0.05	0.00	0.00	0.00	-0.13
		530	-3,373.23	0.05	0.00	0.00	0.00	0.03
	4	529	40,733.09	-0.37	0.00	0.00	0.00	-0.94
		530	-41,151.43	0.37	0.00	0.00	0.00	0.21
529	1	530	476.78	0.04	0.00	0.00	0.00	-0.02
		531	-476.78	-0.04	0.00	0.00	0.00	0.09
	2	530	37,776.98	-0.17	0.00	0.00	0.00	-0.17
		531	-38,195.31	0.17	0.00	0.00	0.00	-0.16
	3	530	3,373.23	-0.03	0.00	0.00	0.00	-0.03
		531	-3,373.23	0.03	0.00	0.00	0.00	-0.02
	4	530	41,151.38	-0.19	0.00	0.00	0.00	-0.21
		531	-41,569.71	0.19	0.00	0.00	0.00	-0.18
530	1	531	476.78	0.01	0.00	0.00	0.00	-0.09
		532	-476.78	-0.01	0.00	0.00	0.00	0.11
	2	531	38,195.35	-0.06	0.00	0.00	0.00	0.16
		532	-38,613.68	0.06	0.00	0.00	0.00	-0.29
	3	531	3,373.23	-0.01	0.00	0.00	0.00	0.02
		532	-3,373.23	0.01	0.00	0.00	0.00	-0.04
	4	531	41,569.72	-0.07	0.00	0.00	0.00	0.18
		532	-41,988.05	0.07	0.00	0.00	0.00	-0.33
531	1	532	476.78	-0.01	0.00	0.00	0.00	-0.11
		533	-476.78	0.01	0.00	0.00	0.00	0.09
	2	532	38,613.54	0.00	0.00	0.00	0.00	0.29
		533	-39,031.88	0.00	0.00	0.00	0.00	-0.30
	3	532	3,373.23	0.00	0.00	0.00	0.00	0.04
		533	-3,373.23	0.00	0.00	0.00	0.00	-0.04
	4	532	41,988.00	0.00	0.00	0.00	0.00	0.33
		533	-42,406.34	0.00	0.00	0.00	0.00	-0.34
532	1	533	476.78	-0.01	0.00	0.00	0.00	-0.09
		534	-476.78	0.01	0.00	0.00	0.00	0.07
	2	533	39,031.91	0.03	0.00	0.00	0.00	0.30
		534	-39,450.25	-0.03	0.00	0.00	0.00	-0.24
	3	533	3,373.23	0.00	0.00	0.00	0.00	0.04
		534	-3,373.23	0.00	0.00	0.00	0.00	-0.04
	4	533	42,406.34	0.03	0.00	0.00	0.00	0.34
		534	-42,824.68	-0.03	0.00	0.00	0.00	-0.28
533	1	534	476.78	-0.01	0.00	0.00	0.00	-0.07
		535	-476.78	0.01	0.00	0.00	0.00	0.05
	2	534	39,450.28	0.04	0.00	0.00	0.00	0.24
		535	-39,868.61	-0.04	0.00	0.00	0.00	-0.17
	3	534	3,373.23	0.01	0.00	0.00	0.00	0.04
		535	-3,373.23	-0.01	0.00	0.00	0.00	-0.03
	4	534	42,824.68	0.04	0.00	0.00	0.00	0.28
		535	-43,243.02	-0.04	0.00	0.00	0.00	-0.20

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z	
534	1	535	476.78	-0.01	0.00	0.00	0.00	-0.05	
		536	-476.78	0.01	0.00	0.00	0.00	0.03	
	2	535	39,868.58	0.03	0.00	0.00	0.00	0.17	
		536	-40,286.91	-0.03	0.00	0.00	0.00	-0.10	
	3	535	3,373.23	0.00	0.00	0.00	0.00	0.03	
		536	-3,373.23	0.00	0.00	0.00	0.00	-0.02	
	4	535	43,243.00	0.04	0.00	0.00	0.00	0.20	
		536	-43,661.33	-0.04	0.00	0.00	0.00	-0.12	
535	1	536	476.78	-0.01	0.00	0.00	0.00	-0.03	
		537	-476.78	0.01	0.00	0.00	0.00	0.01	
	2	536	40,286.90	0.03	0.00	0.00	0.00	0.10	
		537	-40,705.23	-0.03	0.00	0.00	0.00	-0.05	
	3	536	3,373.23	0.00	0.00	0.00	0.00	0.02	
		537	-3,373.23	0.00	0.00	0.00	0.00	-0.01	
	4	536	43,661.34	0.03	0.00	0.00	0.00	0.12	
		537	-44,079.68	-0.03	0.00	0.00	0.00	-0.05	
536	1	537	476.78	-0.01	0.00	0.00	0.00	-0.01	
		538	-476.78	0.01	0.00	0.00	0.00	0.00	
	2	537	40,705.27	0.02	0.00	0.00	0.00	0.05	
		538	-41,123.60	-0.02	0.00	0.00	0.00	0.00	
	3	537	3,373.23	0.00	0.00	0.00	0.00	0.01	
		538	-3,373.23	0.00	0.00	0.00	0.00	0.00	
	4	537	44,079.67	0.03	0.00	0.00	0.00	0.05	
		538	-44,498.01	-0.03	0.00	0.00	0.00	0.00	
537	1	538	476.78	-0.01	0.00	0.00	0.00	0.00	
		516	-476.78	0.01	0.00	0.00	0.00	-0.01	
	2	538	41,123.61	0.02	0.00	0.00	0.00	0.00	
		516	-41,541.94	-0.02	0.00	0.00	0.00	0.04	
	3	538	3,373.23	0.00	0.00	0.00	0.00	0.00	
		516	-3,373.23	0.00	0.00	0.00	0.00	0.01	
	4	538	44,498.00	0.02	0.00	0.00	0.00	0.00	
		516	-44,916.34	-0.02	0.00	0.00	0.00	0.05	
538	1	516	476.78	-0.01	0.00	0.00	0.00	0.01	
		539	-476.78	0.01	0.00	0.00	0.00	-0.02	
	2	516	41,541.94	0.02	0.00	0.00	0.00	-0.04	
		539	-41,855.68	-0.02	0.00	0.00	0.00	0.07	
	3	516	3,373.23	0.00	0.00	0.00	0.00	-0.01	
		539	-3,373.23	0.00	0.00	0.00	0.00	0.01	
	4	516	44,916.35	0.02	0.00	0.00	0.00	-0.05	
		539	-45,230.09	-0.02	0.00	0.00	0.00	0.08	
	3	534	534	0.00	0.00	0.00	0.00	0.00	0.00
			535	0.00	0.00	0.00	0.00	0.00	0.00
		4	534	42,824.68	0.04	0.00	0.00	0.00	0.28
			535	-43,243.02	-0.04	0.00	0.00	0.00	-0.20
534	1	535	476.78	-0.01	0.00	0.00	0.00	-0.05	
		536	-476.78	0.01	0.00	0.00	0.00	0.03	
	2	535	39,868.58	0.03	0.00	0.00	0.00	0.17	
		536	-40,286.91	-0.03	0.00	0.00	0.00	-0.10	
	3	535	0.00	0.00	0.00	0.00	0.00	0.00	
		536	0.00	0.00	0.00	0.00	0.00	0.00	

THE STUDY ON THE CONSTRUCTION OF THE BRIDGE OVER THE RIVER RUPSA IN KHULNA, PHASE - 2

Job No. : Designed by : Checked by : Date : January 23, 2000

DEAD LOAD ANALYSIS

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	535	43,243.00	0.04	0.00	0.00	0.00	0.20
		536	-43,661.33	-0.04	0.00	0.00	0.00	-0.12
535	1	536	476.78	-0.01	0.00	0.00	0.00	-0.03
		537	-476.78	0.01	0.00	0.00	0.00	0.01
	2	536	40,286.90	0.03	0.00	0.00	0.00	0.10
		537	-40,705.23	-0.03	0.00	0.00	0.00	-0.05
	3	536	0.00	0.00	0.00	0.00	0.00	0.00
		537	0.00	0.00	0.00	0.00	0.00	0.00
	4	536	43,661.34	0.03	0.00	0.00	0.00	0.12
		537	-44,079.68	-0.03	0.00	0.00	0.00	-0.05
536	1	537	476.78	-0.01	0.00	0.00	0.00	-0.01
		538	-476.78	0.01	0.00	0.00	0.00	0.00
	2	537	40,705.27	0.02	0.00	0.00	0.00	0.05
		538	-41,123.60	-0.02	0.00	0.00	0.00	0.00
	3	537	0.00	0.00	0.00	0.00	0.00	0.00
		538	0.00	0.00	0.00	0.00	0.00	0.00
	4	537	44,079.67	0.03	0.00	0.00	0.00	0.05
		538	-44,498.01	-0.03	0.00	0.00	0.00	0.00
537	1	538	476.78	-0.01	0.00	0.00	0.00	0.00
		516	-476.78	0.01	0.00	0.00	0.00	-0.01
	2	538	41,123.61	0.02	0.00	0.00	0.00	0.00
		516	-41,541.94	-0.02	0.00	0.00	0.00	0.04
	3	538	0.00	0.00	0.00	0.00	0.00	0.00
		516	0.00	0.00	0.00	0.00	0.00	0.00
	4	538	44,498.00	0.02	0.00	0.00	0.00	0.00
		516	-44,916.34	-0.02	0.00	0.00	0.00	0.05
538	1	516	476.78	-0.01	0.00	0.00	0.00	0.01
		539	-476.78	0.01	0.00	0.00	0.00	-0.02
	2	516	41,541.94	0.02	0.00	0.00	0.00	-0.04
		539	-41,855.68	-0.02	0.00	0.00	0.00	0.07
	3	516	0.00	0.00	0.00	0.00	0.00	0.00
		539	0.00	0.00	0.00	0.00	0.00	0.00
	4	516	44,916.35	0.02	0.00	0.00	0.00	-0.05
		539	-45,230.09	-0.02	0.00	0.00	0.00	0.08