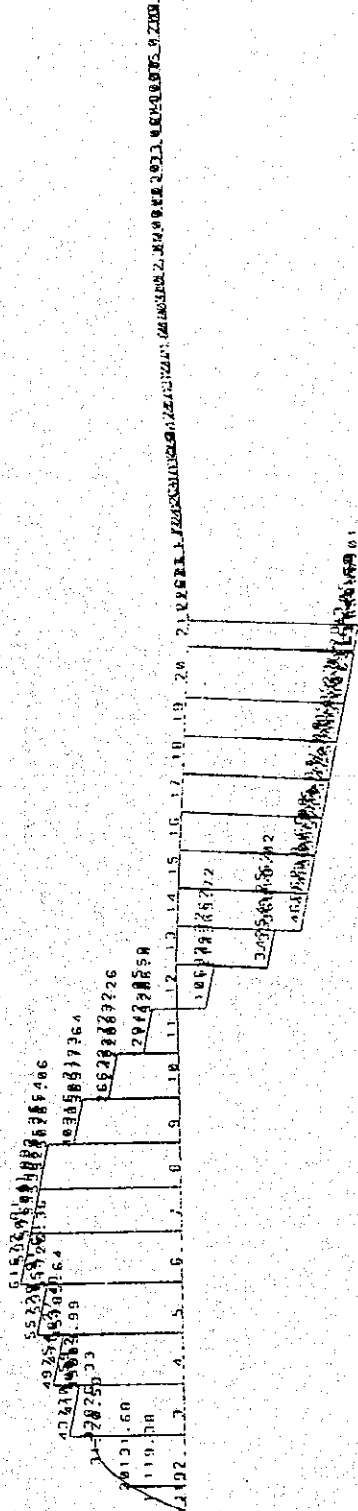


**PRESTRESS @ CLOSURE**  
**OF FRAME 2**

MN/ELEM  
MUMINI MZ LINE

STRUCTURE DATA

TYPE = SPACE  
 NJ = 139  
 NM = 138  
 NE = 0  
 NS = 0  
 NRJ = 89  
 NL = 1  
 XMAX = 110.0  
 YMAX = 121.3  
 ZMAX = .0



Maximum: 65430.01  
 J=100.M-100

UNIT: MET KNS

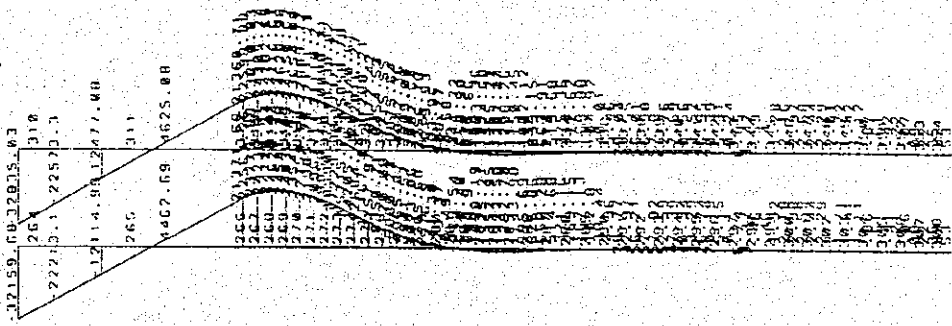
DATE: JAN 25. 2000

S T A A D P O S I T I O N ( R I V : 2 2 . 3 )

TITLE: RUPSA BRIDGE IN KHULNA



MN/ELEM  
 MIDMINI MZ LNE 1



STRUCTURE DATA  
 TYPE = SPACE  
 NJ = 139  
 NM = 130  
 NE = 0  
 NS = 0  
 NRJ = 89  
 NL = 1  
 XMAX = 118.0  
 YMAX = 121.3  
 ZMAX = .0

Maximum = 32035.03  
 J=139, M=130

UNIF MET KNS

STAAD POST-PROCESS (REV: 22.3)  
 DATE: JAN 24, 2000  
 TITLE: RUPSA BRIDGE IN KHULNA

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

Job No. :

Designed by :

Checked by :

Date :

January 24, 2000

## LOADS

LOAD 1 : PRESTRESS LOAD AT CLOSURE AT SPAN 1

### MEMBER PRESTRESS LOAD

1 FORCE 21737 ES 0 EM -0.559 EE -1.107  
2 FORCE 21737 ES -1.017 EM -1.627 EE -1.83  
3 11 FORCE 27171 ES -1.83 EM -1.83 EE -1.83  
4 10 FORCE 32605 ES -1.83 EM -1.83 EE -1.83  
5 9 FORCE 38039 ES -1.83 EM -1.83 EE -1.83  
6 TO 8 FORCE 43474 ES -1.83 EM -1.83 EE -1.83  
12 FORCE 16303 ES -1.83 EM -1.83 EE -1.83  
13 FORCE 5434 ES -1.83 EM -1.83 EE -1.83

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

Job No. :                      Designed by :                      Checked by :                      Date :                      January 25, 2000

## PRESTRESS AT CLOSURE SPAN

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1	1	1	17.266.27	-12.212.34	0.00	0.00	0.00	-0.19
		2	-17.266.27	7.823.24	0.00	0.00	0.00	-20.131.69
2	1	2	17.275.32	-7.802.69	0.00	0.00	0.00	20.131.66
		3	-17.275.32	-1.040.29	0.00	0.00	0.00	-33.826.33
3	1	3	22.709.43	1.034.73	0.00	0.00	0.00	43.770.39
		4	-22.709.43	-1.034.73	0.00	0.00	0.00	-39.309.99
4	1	4	28.143.06	1.034.93	0.00	0.00	0.00	49.754.27
		5	-28.143.06	-1.034.93	0.00	0.00	0.00	-45.783.64
5	1	5	33.577.34	1.034.67	0.00	0.00	0.00	55.729.91
		6	-33.577.34	-1.034.67	0.00	0.00	0.00	-51.726.36
6	1	6	39.012.82	1.035.23	0.00	0.00	0.00	61.672.81
		7	-39.012.82	-1.035.23	0.00	0.00	0.00	-57.600.85
7	1	7	39.012.46	1.034.67	0.00	0.00	0.00	57.600.68
		8	-39.012.46	-1.034.67	0.00	0.00	0.00	-53.964.36
8	1	8	39.012.68	1.035.40	0.00	0.00	0.00	53.965.31
		9	-39.012.68	-1.035.40	0.00	0.00	0.00	-50.261.06
9	1	9	33.377.70	1.034.67	0.00	0.00	0.00	40.316.71
		10	-33.377.70	-1.034.67	0.00	0.00	0.00	-36.377.64
10	1	10	28.143.46	1.034.62	0.00	0.00	0.00	26.632.72
		11	-28.143.46	-1.034.62	0.00	0.00	0.00	-22.887.26
11	1	11	22.710.01	1.034.66	0.00	0.00	0.00	12.942.05
		12	-22.710.01	-1.034.66	0.00	0.00	0.00	-9.206.40
12	1	12	11.840.88	1.034.56	0.00	0.00	0.00	-10.682.32
		13	-11.840.88	-1.034.56	0.00	0.00	0.00	14.363.72
13	1	13	920.60	786.59	0.00	0.00	0.00	-34.254.25
		14	-920.60	-786.59	0.00	0.00	0.00	36.618.02
14	1	14	-4.513.94	782.97	0.00	0.00	0.00	-46.562.80
		15	4.513.94	-782.97	0.00	0.00	0.00	48.899.38
15	1	15	-4.513.31	781.97	0.00	0.00	0.00	-48.900.13
		16	4.513.31	-781.97	0.00	0.00	0.00	51.236.31
16	1	16	-4.512.57	780.65	0.00	0.00	0.00	-51.236.34
		17	4.512.57	-780.65	0.00	0.00	0.00	53.570.48
17	1	17	-4.513.18	780.35	0.00	0.00	0.00	-53.570.91
		18	4.513.18	-780.35	0.00	0.00	0.00	55.906.65
18	1	18	-4.511.70	780.68	0.00	0.00	0.00	-55.906.80
		19	4.511.70	-780.68	0.00	0.00	0.00	58.245.26
19	1	19	-4.512.34	783.51	0.00	0.00	0.00	-58.245.11
		20	4.512.34	-783.51	0.00	0.00	0.00	60.593.73
20	1	20	-4.512.10	786.87	0.00	0.00	0.00	-60.593.80
		21	4.512.10	-786.87	0.00	0.00	0.00	63.740.88
21	1	21	-4.501.76	844.66	0.00	0.00	0.00	-63.740.68
		22	4.501.76	-844.66	0.00	0.00	0.00	65.430.01
22	1	22	-0.15	-1.25	0.00	0.00	0.00	-1.10
		23	0.15	1.25	0.00	0.00	0.00	-0.84
23	1	23	-0.32	0.06	0.00	0.00	0.00	-0.06
		24	0.32	-0.06	0.00	0.00	0.00	0.26

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
24	1	24	0.09	0.20	0.00	0.00	0.00	0.72
		25	-0.09	-0.20	0.00	0.00	0.00	0.49
25	1	25	-0.20	0.67	0.00	0.00	0.00	0.68
		26	0.20	-0.67	0.00	0.00	0.00	0.55
26	1	26	-0.26	0.04	0.00	0.00	0.00	0.07
		27	0.26	-0.04	0.00	0.00	0.00	0.06
27	1	27	-0.02	0.34	0.00	0.00	0.00	0.21
		28	0.02	-0.34	0.00	0.00	0.00	0.22
28	1	28	-0.62	0.21	0.00	0.00	0.00	0.17
		29	0.62	-0.21	0.00	0.00	0.00	0.09
29	1	29	0.59	-0.21	0.00	0.00	0.00	-0.37
		30	-0.59	0.21	0.00	0.00	0.00	-0.31
30	1	30	-0.37	-0.05	0.00	0.00	0.00	0.23
		31	0.37	0.05	0.00	0.00	0.00	0.27
31	1	31	-0.05	-0.03	0.00	0.00	0.00	-0.09
		32	0.05	0.03	0.00	0.00	0.00	-0.02
32	1	32	-0.54	-0.02	0.00	0.00	0.00	-0.01
		33	0.54	0.02	0.00	0.00	0.00	-0.01
33	1	33	0.39	-0.01	0.00	0.00	0.00	-0.10
		34	-0.39	0.01	0.00	0.00	0.00	-0.10
34	1	34	0.26	0.00	0.00	0.00	0.00	-0.03
		35	-0.26	0.00	0.00	0.00	0.00	-0.03
35	1	35	-0.78	0.04	0.00	0.00	0.00	0.04
		36	0.78	-0.04	0.00	0.00	0.00	0.05
36	1	36	-0.20	-0.01	0.00	0.00	0.00	-0.07
		37	0.20	0.01	0.00	0.00	0.00	-0.07
204	1	204	-900.57	-4,477.51	0.00	0.00	0.00	-50,150.94
		205	900.57	4,477.51	0.00	0.00	0.00	43,440.89
205	1	205	-900.58	-4,489.65	0.00	0.00	0.00	-43,422.85
		206	900.58	4,489.65	0.00	0.00	0.00	23,221.65
206	1	206	-900.57	-4,491.42	0.00	0.00	0.00	-23,219.72
		207	900.57	4,491.42	0.00	0.00	0.00	3,009.86
207	1	207	-900.63	-4,500.31	0.00	0.00	0.00	-2,984.64
		208	900.63	4,500.31	0.00	0.00	0.00	-3,718.38
239	1	209	2,210.83	-8,201.25	0.00	0.00	0.00	-3,462.00
		240	-2,210.83	8,201.25	0.00	0.00	0.00	-35,488.45
240	1	240	1.30	-0.03	0.00	0.00	0.00	-0.01
		241	-1.30	0.03	0.00	0.00	0.00	0.01
241	1	209	-2,281.25	9,101.88	0.00	0.00	0.00	6,997.53
		242	2,281.25	-9,101.88	0.00	0.00	0.00	36,241.65
242	1	242	0.10	0.21	0.00	0.00	0.00	0.36
		243	-0.10	-0.21	0.00	0.00	0.00	0.05
263	1	240	8,201.26	-2,212.09	0.00	0.00	0.00	-35,486.91
		264	-8,201.26	2,212.09	0.00	0.00	0.00	32,160.77
264	1	264	8,201.25	-2,210.35	0.00	0.00	0.00	-32,159.68
		265	-8,201.25	2,210.35	0.00	0.00	0.00	12,114.99
265	1	265	8,201.25	-2,210.36	0.00	0.00	0.00	-12,114.99
		266	-8,201.25	2,210.36	0.00	0.00	0.00	-21,371.58
266	1	266	8,201.26	-1,588.80	0.00	0.00	0.00	21,371.66
		267	-8,201.26	1,588.80	0.00	0.00	0.00	-23,779.88

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
267	1	267	8.201.25	-611.93	0.00	0.00	0.00	23,779.86
		268	-8.201.25	611.93	0.00	0.00	0.00	-24,720.24
268	1	268	8.201.25	131.51	0.00	0.00	0.00	24,719.57
		269	-8.201.25	-131.51	0.00	0.00	0.00	-24,541.48
269	1	269	8.201.25	673.52	0.00	0.00	0.00	24,541.23
		270	-8.201.25	-673.52	0.00	0.00	0.00	-23,546.57
270	1	270	8.201.25	1,048.82	0.00	0.00	0.00	23,546.30
		271	-8.201.25	-1,048.82	0.00	0.00	0.00	-21,985.74
271	1	271	8.201.26	1,358.19	0.00	0.00	0.00	21,985.73
		272	-8.201.26	-1,358.19	0.00	0.00	0.00	-19,958.43
272	1	272	8.201.25	1,823.96	0.00	0.00	0.00	19,958.49
		273	-8.201.25	-1,823.96	0.00	0.00	0.00	-17,229.83
273	1	273	8.201.27	2,019.50	0.00	0.00	0.00	17,229.86
		274	-8.201.27	-2,019.50	0.00	0.00	0.00	-14,205.77
274	1	274	8.201.24	2,028.00	0.00	0.00	0.00	14,205.78
		275	-8.201.24	-2,028.00	0.00	0.00	0.00	-11,167.09
275	1	275	8.201.25	1,878.84	0.00	0.00	0.00	11,167.10
		276	-8.201.25	-1,878.84	0.00	0.00	0.00	-8,350.71
276	1	276	8.201.28	1,640.81	0.00	0.00	0.00	8,350.70
		277	-8.201.28	-1,640.81	0.00	0.00	0.00	-5,890.24
277	1	277	8.201.25	1,365.79	0.00	0.00	0.00	5,890.22
		278	-8.201.25	-1,365.79	0.00	0.00	0.00	-3,841.37
278	1	278	8.201.28	1,090.28	0.00	0.00	0.00	3,841.37
		279	-8.201.28	-1,090.28	0.00	0.00	0.00	-2,205.66
279	1	279	8.201.26	838.37	0.00	0.00	0.00	2,205.68
		280	-8.201.26	-838.37	0.00	0.00	0.00	-947.36
280	1	280	8.201.25	623.96	0.00	0.00	0.00	947.34
		281	-8.201.25	-623.96	0.00	0.00	0.00	-10.49
281	1	281	8.201.25	453.32	0.00	0.00	0.00	10.45
		282	-8.201.25	-453.32	0.00	0.00	0.00	670.46
282	1	282	8.201.26	284.58	0.00	0.00	0.00	-670.47
		283	-8.201.26	-284.58	0.00	0.00	0.00	1,098.17
283	1	283	8.201.27	169.37	0.00	0.00	0.00	-1,098.19
		284	-8.201.27	-169.37	0.00	0.00	0.00	1,352.95
284	1	284	8.201.26	-40.49	0.00	0.00	0.00	-1,352.95
		285	-8.201.26	40.49	0.00	0.00	0.00	1,292.75
285	1	285	8.201.25	-148.76	0.00	0.00	0.00	-1,292.74
		286	-8.201.25	148.76	0.00	0.00	0.00	995.69
286	1	286	8.201.25	-168.82	0.00	0.00	0.00	-995.69
		287	-8.201.25	168.82	0.00	0.00	0.00	638.28
287	1	287	8.201.26	-143.60	0.00	0.00	0.00	-638.28
		288	-8.201.26	143.60	0.00	0.00	0.00	371.16
288	1	288	8.201.25	-102.02	0.00	0.00	0.00	-371.16
		289	-8.201.25	102.02	0.00	0.00	0.00	167.13
289	1	289	8.201.25	-64.32	0.00	0.00	0.00	-167.13
		290	-8.201.25	64.32	0.00	0.00	0.00	38.44
290	1	290	8.201.26	-34.08	0.00	0.00	0.00	-38.44
		291	-8.201.26	34.08	0.00	0.00	0.00	-29.77
291	1	291	8.201.26	-13.20	0.00	0.00	0.00	29.77
		292	-8.201.26	13.20	0.00	0.00	0.00	-56.21



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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
292	1	292	8.201.25	-0.79	0.00	0.00	0.00	56.21
		293	-8.201.25	0.79	0.00	0.00	0.00	-57.82
293	1	293	8.201.27	5.23	0.00	0.00	0.00	57.82
		294	-8.201.27	-5.23	0.00	0.00	0.00	-47.39
294	1	294	8.201.26	7.06	0.00	0.00	0.00	47.39
		295	-8.201.26	-7.06	0.00	0.00	0.00	-33.29
295	1	295	8.201.25	6.55	0.00	0.00	0.00	33.29
		296	-8.201.25	-6.55	0.00	0.00	0.00	-20.19
296	1	296	8.201.26	5.05	0.00	0.00	0.00	20.19
		297	-8.201.26	-5.05	0.00	0.00	0.00	-10.10
297	1	297	8.201.26	3.36	0.00	0.00	0.00	10.10
		298	-8.201.26	-3.36	0.00	0.00	0.00	-3.37
298	1	298	8.201.26	1.91	0.00	0.00	0.00	3.37
		299	-8.201.26	-1.91	0.00	0.00	0.00	0.46
299	1	299	8.201.26	0.86	0.00	0.00	0.00	-0.46
		300	-8.201.26	-0.86	0.00	0.00	0.00	2.18
300	1	300	8.201.26	0.20	0.00	0.00	0.00	-2.18
		301	-8.201.26	-0.20	0.00	0.00	0.00	2.59
301	1	301	8.201.26	-0.15	0.00	0.00	0.00	-2.59
		302	-8.201.26	0.15	0.00	0.00	0.00	2.29
302	1	302	8.201.26	-0.29	0.00	0.00	0.00	-2.29
		303	-8.201.26	0.29	0.00	0.00	0.00	1.71
303	1	303	8.201.26	-0.30	0.00	0.00	0.00	-1.71
		304	-8.201.26	0.30	0.00	0.00	0.00	1.11
304	1	304	8.201.26	-0.25	0.00	0.00	0.00	-1.11
		305	-8.201.26	0.25	0.00	0.00	0.00	0.61
305	1	305	8.201.26	-0.20	0.00	0.00	0.00	-0.61
		306	-8.201.26	0.20	0.00	0.00	0.00	0.21
306	1	306	8.201.26	-0.15	0.00	0.00	0.00	-0.21
		307	-8.201.26	0.15	0.00	0.00	0.00	-0.09
307	1	307	8.201.26	-0.13	0.00	0.00	0.00	0.09
		308	-8.201.26	0.13	0.00	0.00	0.00	-0.35
308	1	308	8.201.26	-0.12	0.00	0.00	0.00	0.35
		309	-8.201.26	0.12	0.00	0.00	0.00	-0.53
309	1	242	-9.101.62	-2,278.00	0.00	0.00	0.00	-36,242.03
		310	9.101.62	2,278.00	0.00	0.00	0.00	32,833.97
310	1	310	-9.101.84	-2,280.38	0.00	0.00	0.00	-32,835.03
		311	9.101.84	2,280.38	0.00	0.00	0.00	12,477.68
311	1	311	-9.101.84	-2,280.38	0.00	0.00	0.00	-12,477.76
		312	9.101.84	2,280.38	0.00	0.00	0.00	-21,359.71
312	1	312	-9.101.77	-1,651.70	0.00	0.00	0.00	21,360.11
		314	9.101.77	1,651.70	0.00	0.00	0.00	-23,810.33
313	1	314	-9.101.83	-664.59	0.00	0.00	0.00	23,810.80
		315	9.101.83	664.59	0.00	0.00	0.00	-24,782.14
314	1	315	-9.101.96	88.11	0.00	0.00	0.00	24,782.69
		316	9.101.96	-88.11	0.00	0.00	0.00	-24,628.95
315	1	316	-9.101.86	638.21	0.00	0.00	0.00	24,629.28
		317	9.101.86	-638.21	0.00	0.00	0.00	-23,654.03
316	1	317	-9.101.81	1,019.21	0.00	0.00	0.00	23,654.18
		318	9.101.81	-1,019.21	0.00	0.00	0.00	-22,111.23

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

Job No. :	Designed by :	Checked by :	Date :					
317	1	318	-9,101.79	1,334.68	0.00	0.00	0.00	22,111.21
		319	9,101.79	-1,334.68	0.00	0.00	0.00	-20,098.10
318	1	319	-9,101.82	1,812.65	0.00	0.00	0.00	20,098.31
		320	9,101.82	-1,812.65	0.00	0.00	0.00	-17,371.11
319	1	320	-9,101.82	2,016.56	0.00	0.00	0.00	17,371.20
		321	9,101.82	-2,016.56	0.00	0.00	0.00	-14,340.61
320	1	321	-9,101.86	2,032.45	0.00	0.00	0.00	14,340.61
		322	9,101.86	-2,032.45	0.00	0.00	0.00	-11,288.21
321	1	322	-9,101.85	1,887.73	0.00	0.00	0.00	11,288.21
		323	9,101.85	-1,887.73	0.00	0.00	0.00	-8,454.53
322	1	323	-9,101.83	1,651.96	0.00	0.00	0.00	8,454.52
		324	9,101.83	-1,651.96	0.00	0.00	0.00	-5,975.64
323	1	324	-9,101.85	1,377.70	0.00	0.00	0.00	5,975.64
		325	9,101.85	-1,377.70	0.00	0.00	0.00	-3,909.08
324	1	325	-9,101.82	1,101.87	0.00	0.00	0.00	3,909.04
		326	9,101.82	-1,101.87	0.00	0.00	0.00	-2,256.78
325	1	326	-9,101.82	849.10	0.00	0.00	0.00	2,256.76
		327	9,101.82	-849.10	0.00	0.00	0.00	-983.96
326	1	327	-9,101.81	633.59	0.00	0.00	0.00	983.96
		328	9,101.81	-633.59	0.00	0.00	0.00	-34.58
327	1	328	-9,101.80	461.70	0.00	0.00	0.00	34.56
		329	9,101.80	-461.70	0.00	0.00	0.00	656.98
328	1	329	-9,101.85	291.55	0.00	0.00	0.00	-657.00
		330	9,101.85	-291.55	0.00	0.00	0.00	1,093.36
329	1	330	-9,101.84	175.10	0.00	0.00	0.00	-1,093.36
		331	9,101.84	-175.10	0.00	0.00	0.00	1,355.22
330	1	331	-9,101.82	-37.57	0.00	0.00	0.00	-1,355.21
		313	9,101.82	37.57	0.00	0.00	0.00	1,298.26
331	1	313	-9,101.82	-147.81	0.00	0.00	0.00	-1,298.26
		333	9,101.82	147.81	0.00	0.00	0.00	1,002.12
332	1	333	-9,101.83	-168.97	0.00	0.00	0.00	-1,002.12
		334	9,101.83	168.97	0.00	0.00	0.00	663.91
333	1	334	-9,101.82	-144.22	0.00	0.00	0.00	-663.91
		335	9,101.82	144.22	0.00	0.00	0.00	375.36
334	1	335	-9,101.83	-102.74	0.00	0.00	0.00	-375.36
		336	9,101.83	102.74	0.00	0.00	0.00	169.88
335	1	336	-9,101.83	-64.96	0.00	0.00	0.00	-169.88
		337	9,101.83	64.96	0.00	0.00	0.00	40.01
336	1	337	-9,101.82	-34.55	0.00	0.00	0.00	-40.01
		338	9,101.82	34.55	0.00	0.00	0.00	-29.04
337	1	338	-9,101.82	-13.51	0.00	0.00	0.00	29.03
		339	9,101.82	13.51	0.00	0.00	0.00	-56.01
338	1	339	-9,101.82	-0.97	0.00	0.00	0.00	56.01
		340	9,101.82	0.97	0.00	0.00	0.00	-57.90
339	1	340	-9,101.83	5.14	0.00	0.00	0.00	57.90
		341	9,101.83	-5.14	0.00	0.00	0.00	-47.59
340	1	341	-9,101.83	7.03	0.00	0.00	0.00	47.59
		342	9,101.83	-7.03	0.00	0.00	0.00	-33.52
341	1	342	-9,101.82	6.56	0.00	0.00	0.00	33.52
		343	9,101.82	-6.56	0.00	0.00	0.00	-20.39

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
342	1	343	-9,101.83	5.07	0.00	0.00	0.00	20.39
		344	9,101.83	-5.07	0.00	0.00	0.00	-10.24
343	1	344	-9,101.82	3.39	0.00	0.00	0.00	10.24
		345	9,101.82	-3.39	0.00	0.00	0.00	-3.47
344	1	345	-9,101.82	1.94	0.00	0.00	0.00	5.47
		346	9,101.82	-1.94	0.00	0.00	0.00	0.40
345	1	346	-9,101.83	0.88	0.00	0.00	0.00	-0.40
		347	9,101.83	-0.88	0.00	0.00	0.00	2.16
346	1	347	-9,101.82	0.21	0.00	0.00	0.00	-2.16
		348	9,101.82	-0.21	0.00	0.00	0.00	2.58
347	1	348	-9,101.83	-0.14	0.00	0.00	0.00	-2.58
		349	9,101.83	0.14	0.00	0.00	0.00	3.29
348	1	349	-9,101.83	-0.28	0.00	0.00	0.00	-3.29
		350	9,101.83	0.28	0.00	0.00	0.00	1.72
349	1	350	-9,101.83	-0.30	0.00	0.00	0.00	-1.72
		351	9,101.83	0.30	0.00	0.00	0.00	1.12
350	1	351	-9,101.83	-0.25	0.00	0.00	0.00	-1.12
		352	9,101.83	0.25	0.00	0.00	0.00	0.61
351	1	352	-9,101.83	-0.20	0.00	0.00	0.00	-0.61
		353	9,101.83	0.20	0.00	0.00	0.00	0.22
352	1	353	-9,101.83	-0.15	0.00	0.00	0.00	-0.22
		354	9,101.83	0.15	0.00	0.00	0.00	-0.09
353	1	354	-9,101.83	-0.13	0.00	0.00	0.00	0.09
		352	9,101.83	0.13	0.00	0.00	0.00	-0.35
354	1	352	-9,101.83	-0.12	0.00	0.00	0.00	0.35
		355	9,101.83	0.12	0.00	0.00	0.00	-0.53

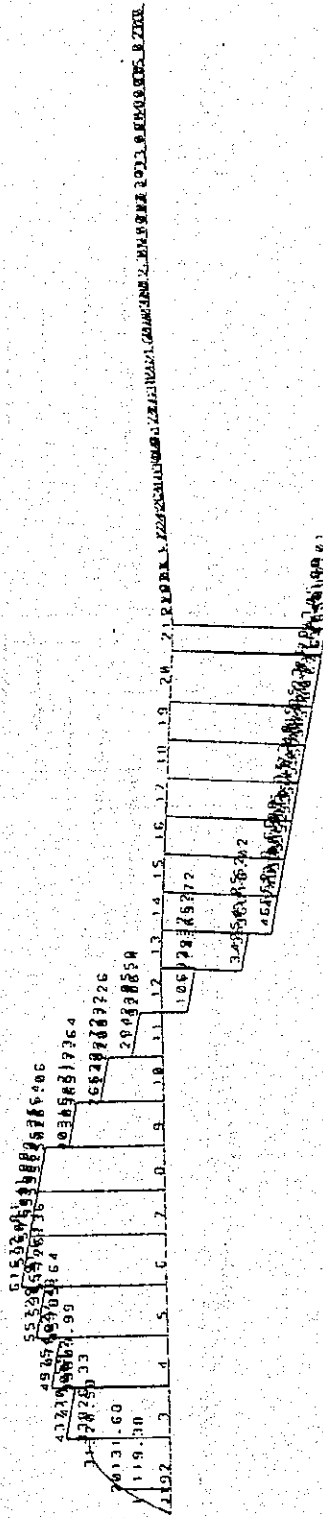
**TOTAL PRESTRESS LOAD  
OF FRAME 2**



MN/ELEM  
MOMENT MZ LNE 1

STRUCTURE DATA

TYPE = SPACE  
 NJ = 139  
 NH = 130  
 NE = 0  
 NS = 0  
 NRJ = 89  
 NL = 3  
 XMAX = 110.0  
 YMAX = 121.3  
 ZMAX = .0



Maximum = 65430.01  
 J=139, M=130

UNIT MET KNS

STANDARD POST-PROCESSOR (REV: 22.3)

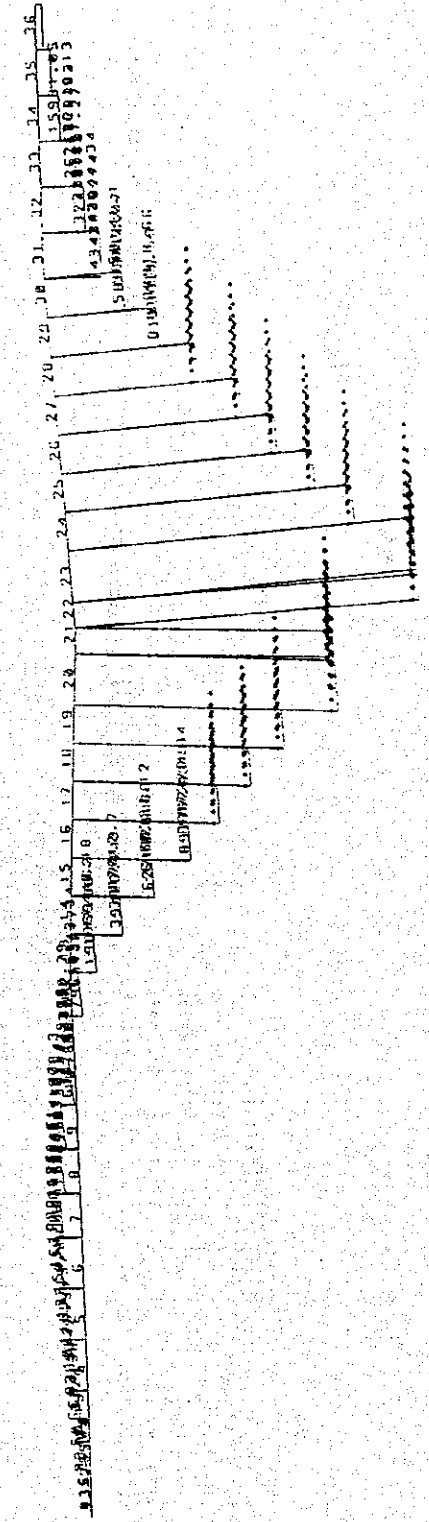
DATE: JAN 24, 2000

TITLE: RUPSA BRIDGE IN KHULNA

MN/ELEM  
MOMENT MZ LNE = 2

STRUCTURE DATA

TYPE = SPACE  
 NJ = 139  
 NM = 130  
 NE = 0  
 NS = 0  
 NRJ = 89  
 NL = 3  
 XMAX = 118.0  
 YMAX = 121.3  
 ZMAX = .0



Maximum = 264265.00  
 J=139, M=130

UNIT MET KNS

STAAD.P05.I - P.L.01 (REV: 22.3)  
 DATE: JAN 24, 2000  
 TITLE: RUPSA BRIDGE IN KHULNA

MN/ELEM  
MOMENT M/ LN= 3

STRUCTURE DATA

TYPE = SPACE

NJ = 139

NM = 130

NE = 0

NS = 0

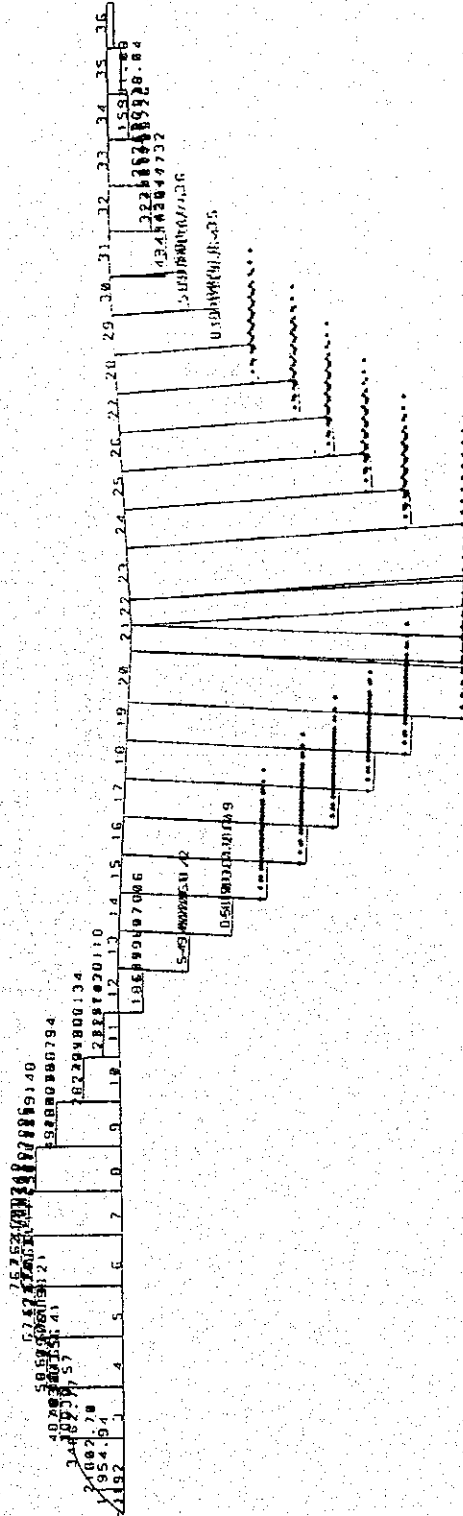
NRJ = 09

NL = 3

XMAX = 110.0

YMAX = 121.3

ZMAX = .0



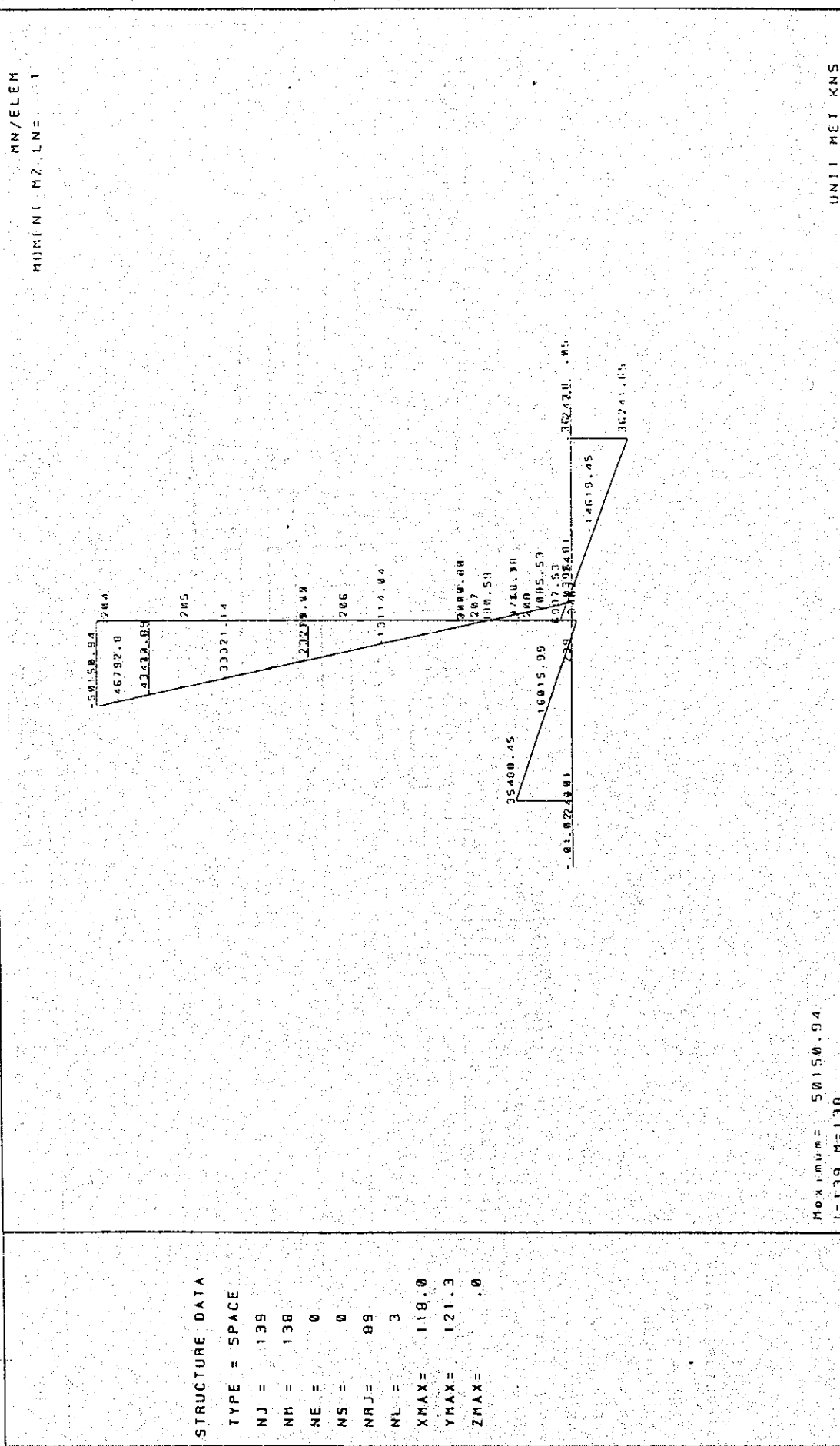
Maximum = 264266.40  
J=139, M=130

UNIT MET KNS

S T A A D P O S T - P L O T (REV: 22-3)  
TITLE: MUPSA BRIDGE IN KULNA

DATE: JAN 24, 2000



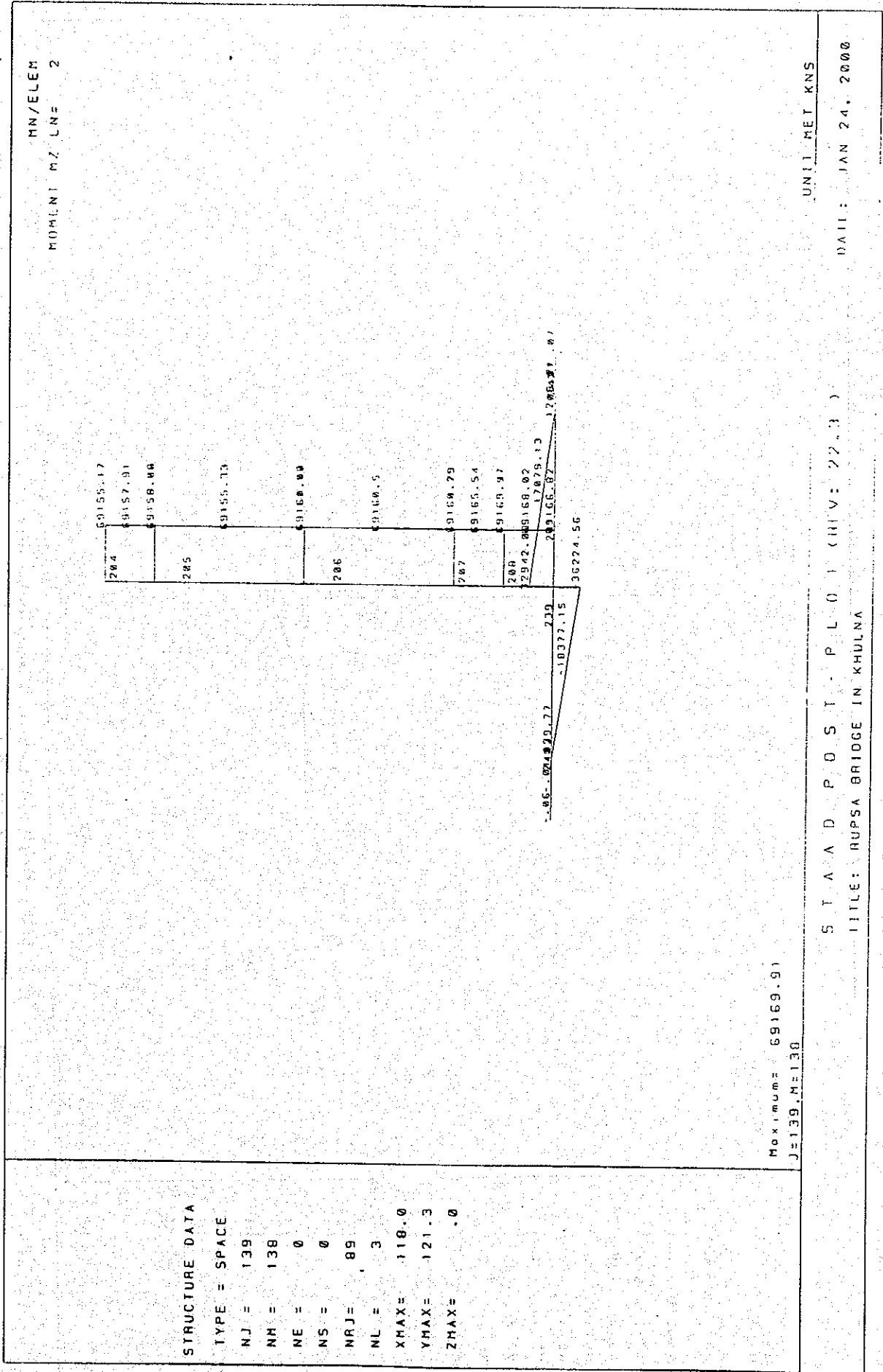


Maximum= 50150.94  
J=139, M=138

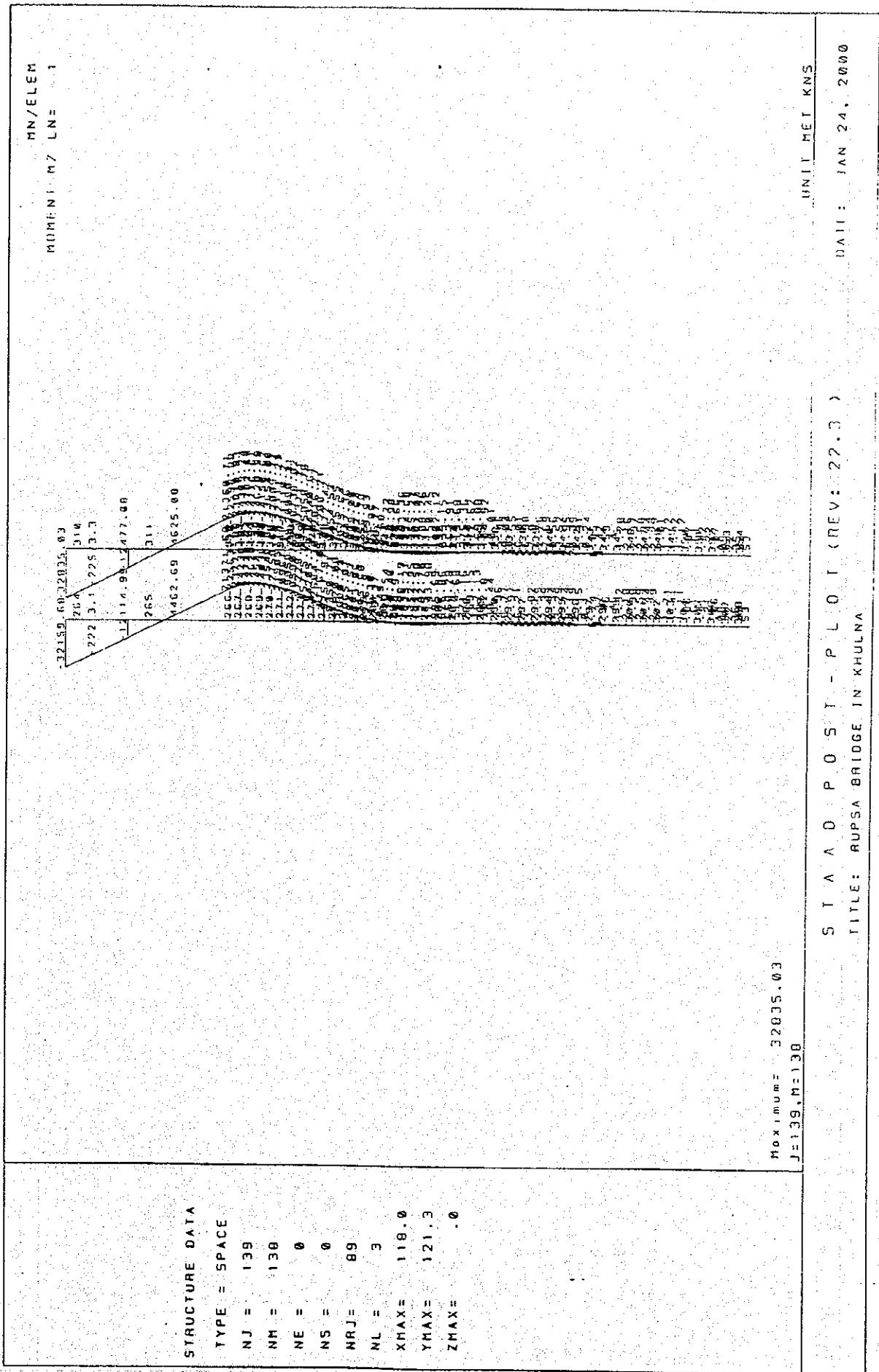
STRUCTURE DATA  
 TYPE = SPACE  
 NJ = 139  
 NH = 138  
 NE = 0  
 NS = 0  
 NRJ = 89  
 NL = 3  
 XMAX = 118.0  
 YMAX = 121.3  
 ZMAX = .0

UNIT: MET KNS  
 DATE: JAN 24, 2000

STAAD.POST - P.L.O.T (HEVE: 22.3)  
 TITLE: RUPSA BRIDGE IN KHULNA

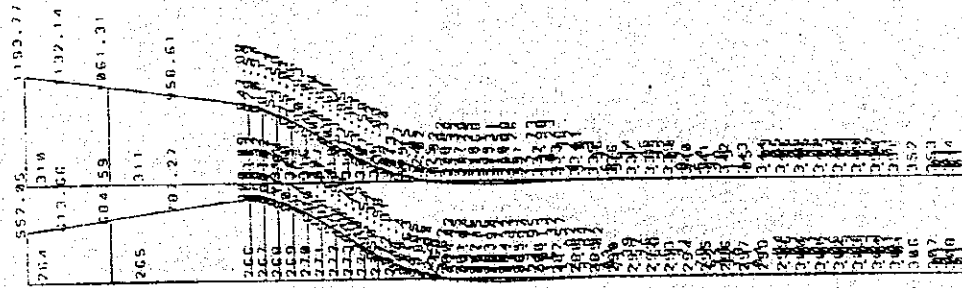






STRUCTURE DATA  
 TYPE = SPACE  
 NJ = 139  
 NM = 130  
 NE = 0  
 NS = 0  
 NRJ = 89  
 NL = 3  
 XMAX = 119.0  
 YMAX = 121.3  
 ZMAX = .0

MN/ELEM  
 MOMENT M / LNE = 2



Maximum = 1193.77  
 J = 139, ME = 130

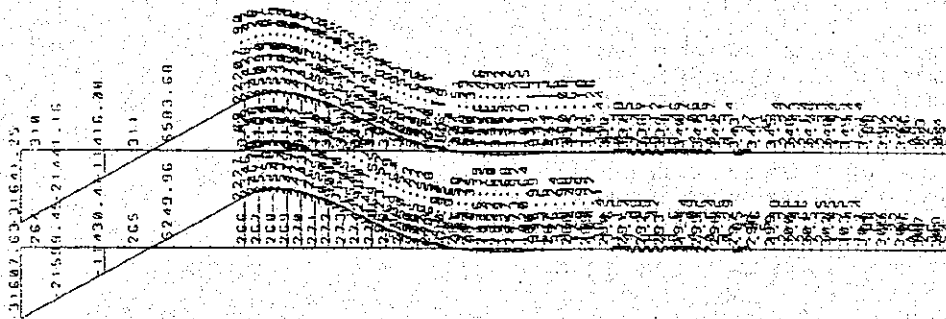
UNIT: MET KNS

DATE: JAN 24, 2000

STAAD POST - PLOI (REV: 22.3)

TITLE: RUPSA BRIDGE IN KHULNA

MN/ELEM  
 MUMINI M/ IN: 3



Maximum: 3164.25  
 J=139,M=1.00

STRUCTURE DATA  
 TYPE = SPACE  
 NJ = 139  
 NM = 130  
 NE = 0  
 NS = 0  
 NRJ = 89  
 NL = 3  
 XMAX = 118.0  
 YMAX = 121.3  
 ZMAX = .0

UNIT: MET KNS

STAAD POST - PLOT (REV: 22.1)

DATE: JAN 24, 2000

TITLE: RUPSA BRIDGE IN KHULNA

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

Job No. :	Designed by :	Checked by :	Date : January 25, 2000
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## LOADS

LOAD 1 : PRESTRESS DUE TO BOTTOM CABLES

### MEMBER PRESTRESS LOAD

1 FORCE 21737 ES 0 EM -.559 EE -1.017  
 2 FORCE 21737 ES -1.017 EM -1.627 EE -1.830  
 3 11 FORCE 27171 ES -1.830 EM -1.830 EE -1.830  
 4 10 FORCE 32605 ES -1.830 EM -1.830 EE -1.830  
 5 9 FORCE 38039 ES -1.830 EM -1.830 EE -1.830  
 6 7 8 FORCE 43474 ES -1.830 EM -1.830 EE -1.830

LOAD 2 : PRESTRESS DUE TO TOP CABLES

### MEMBER PRESTRESS LOAD

7 36 FORCE 5434 ES 0.938 EM 0.938 EE 0.938  
 8 35 FORCE 10868 ES 0.938 EM 0.938 EE 0.938  
 9 34 FORCE 16303 ES 0.938 EM 0.938 EE 0.938  
 10 33 FORCE 27171 ES 0.938 EM 0.938 EE 0.938  
 11 32 FORCE 32605 ES 0.938 EM 0.938 EE 0.938  
 12 31 FORCE 43474 ES 0.938 EM 0.938 EE 0.938  
 13 30 FORCE 54342 ES 1.021 EM 1.021 EE 1.021  
 14 29 FORCE 65210 ES 1.188 EM 1.188 EE 1.188  
 15 28 FORCE 76079 ES 1.357 EM 1.357 EE 1.357  
 16 27 FORCE 86947 ES 1.526 EM 1.526 EE 1.526  
 17 26 FORCE 92381 ES 1.696 EM 1.696 EE 1.696  
 18 25 FORCE 97816 ES 1.866 EM 1.866 EE 1.866  
 19 24 FORCE 103250 ES 2.035 EM 2.035 EE 2.035  
 20 TO 23 FORCE 108684 ES 2.340 EM 2.340 EE 2.340

LOAD COMB 3 : LOAD 1 + LOAD 2

1 1 2 1

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

Job No. :                      Designed by :                      Checked by :                      Date :                      January 25, 2000

## TOTAL PRESTRESS LOAD

MEMB	LOAD	NODE	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1	1	1	17,266.27	-12,212.34	0.00	0.00	0.00	-0.19
		2	-17,266.27	7,823.24	0.00	0.00	0.00	-20,131.69
	2	1	-23.88	-835.22	0.00	0.00	0.00	0.00
		2	23.88	835.22	0.00	0.00	0.00	-1,671.07
	3	1	17,242.39	-13,047.55	0.00	0.00	0.00	-0.19
		2	-17,242.39	8,658.46	0.00	0.00	0.00	-21,802.76
2	1	2	17,275.32	-7,802.69	0.00	0.00	0.00	20,131.66
		3	-17,275.32	-1,040.29	0.00	0.00	0.00	-33,826.33
	2	2	-24.94	-835.17	0.00	0.00	0.00	1,671.09
		3	24.94	835.17	0.00	0.00	0.00	-5,013.24
	3	2	17,250.38	-8,637.86	0.00	0.00	0.00	21,802.74
		3	-17,250.38	-205.11	0.00	0.00	0.00	-38,839.57
3	1	3	22,709.43	-1,034.73	0.00	0.00	0.00	43,770.59
		4	-22,709.43	-1,034.73	0.00	0.00	0.00	-39,809.99
	2	3	-24.98	-835.19	0.00	0.00	0.00	5,013.23
		4	24.98	835.19	0.00	0.00	0.00	-8,355.42
	3	3	22,684.45	199.55	0.00	0.00	0.00	48,783.83
		4	-22,684.45	-199.55	0.00	0.00	0.00	-48,165.41
4	1	4	28,143.06	-1,034.93	0.00	0.00	0.00	49,754.27
		5	-28,143.06	-1,034.93	0.00	0.00	0.00	-45,785.64
	2	4	-24.97	-835.17	0.00	0.00	0.00	8,355.42
		5	24.97	835.17	0.00	0.00	0.00	-11,697.57
	3	4	28,118.08	199.76	0.00	0.00	0.00	58,109.68
		5	-28,118.08	-199.76	0.00	0.00	0.00	-57,483.21
5	1	5	33,577.34	1,034.67	0.00	0.00	0.00	55,729.91
		6	-33,577.34	-1,034.67	0.00	0.00	0.00	-51,726.36
	2	5	-25.15	-835.18	0.00	0.00	0.00	11,697.57
		6	25.15	835.18	0.00	0.00	0.00	-15,039.75
	3	5	33,552.20	199.49	0.00	0.00	0.00	67,427.48
		6	-33,552.20	-199.49	0.00	0.00	0.00	-66,766.11
6	1	6	39,012.82	1,035.23	0.00	0.00	0.00	61,672.81
		7	-39,012.82	-1,035.23	0.00	0.00	0.00	-57,600.85
	2	6	-25.13	-835.16	0.00	0.00	0.00	15,039.76
		7	25.13	835.16	0.00	0.00	0.00	-18,381.96
	3	6	38,987.70	200.07	0.00	0.00	0.00	76,712.57
		7	-38,987.70	-200.07	0.00	0.00	0.00	-75,982.80
7	1	7	39,012.46	1,034.67	0.00	0.00	0.00	57,600.68
		8	-39,012.46	-1,034.67	0.00	0.00	0.00	-53,964.36
	2	7	5,408.83	-835.17	0.00	0.00	0.00	13,284.89
		8	-5,408.83	835.17	0.00	0.00	0.00	-16,203.61
	3	7	44,421.28	199.50	0.00	0.00	0.00	70,885.58
		8	-44,421.28	-199.50	0.00	0.00	0.00	-70,167.96
8	1	8	39,012.68	1,035.40	0.00	0.00	0.00	53,965.31
		9	-39,012.68	-1,035.40	0.00	0.00	0.00	-50,261.06
	2	8	10,843.00	-835.16	0.00	0.00	0.00	11,106.58
		9	-10,843.00	835.16	0.00	0.00	0.00	-14,014.43
	3	8	49,855.68	200.24	0.00	0.00	0.00	65,071.89
		9	-49,855.68	-200.24	0.00	0.00	0.00	-64,275.48
9	1	9	33,577.70	1,034.67	0.00	0.00	0.00	40,316.71
		10	-33,577.70	-1,034.67	0.00	0.00	0.00	-36,577.64
	2	9	16,278.05	-835.23	0.00	0.00	0.00	8,916.34
		10	-16,278.05	835.23	0.00	0.00	0.00	-11,809.30
	3	9	49,855.75	199.44	0.00	0.00	0.00	49,233.05
		10	-49,855.75	-199.44	0.00	0.00	0.00	-48,386.94
10	1	10	28,143.46	1,034.62	0.00	0.00	0.00	26,632.72
		11	-28,143.46	-1,034.62	0.00	0.00	0.00	-22,887.26
	2	10	27,145.76	-835.18	0.00	0.00	0.00	1,615.16
		11	-27,145.76	835.18	0.00	0.00	0.00	-4,479.08



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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
	3	10	55,289.23	199.44	0.00	0.00	0.00	28,247.88
		11	-55,289.23	-199.44	0.00	0.00	0.00	-27,366.34
11	1	11	22,710.01	1,034.66	0.00	0.00	0.00	12,942.05
		12	-22,710.01	-1,034.66	0.00	0.00	0.00	-9,206.40
	2	11	32,579.78	835.20	0.00	0.00	0.00	-618.03
		12	-32,579.78	835.20	0.00	0.00	0.00	-2,229.79
	3	11	55,289.79	199.46	0.00	0.00	0.00	12,324.02
		12	-55,289.79	-199.46	0.00	0.00	0.00	-11,436.18
12	1	12	11,840.88	1,034.56	0.00	0.00	0.00	-10,682.32
		13	-11,840.88	-1,034.56	0.00	0.00	0.00	14,363.72
	2	12	43,448.84	835.18	0.00	0.00	0.00	-7,963.38
		13	-43,448.84	835.18	0.00	0.00	0.00	5,143.34
	3	12	55,289.72	199.39	0.00	0.00	0.00	-18,647.70
		13	-55,289.72	-199.39	0.00	0.00	0.00	19,507.06
13	1	13	920.60	786.59	0.00	0.00	0.00	-34,254.25
		14	-920.60	-786.59	0.00	0.00	0.00	36,618.02
	2	13	54,363.01	835.22	0.00	0.00	0.00	-19,847.86
		14	-54,363.01	835.22	0.00	0.00	0.00	17,440.18
	3	13	55,283.61	48.63	0.00	0.00	0.00	-54,102.11
		14	-55,283.61	48.63	0.00	0.00	0.00	54,058.20
14	1	14	-4,513.94	782.97	0.00	0.00	0.00	-46,562.80
	2	14	65,232.84	835.65	0.00	0.00	0.00	-39,428.21
		15	-65,232.84	835.65	0.00	0.00	0.00	37,012.70
	3	14	60,718.90	52.68	0.00	0.00	0.00	-85,991.01
		15	-60,718.90	52.68	0.00	0.00	0.00	85,912.09
15	1	15	-4,513.31	781.97	0.00	0.00	0.00	-48,900.13
		16	4,513.31	-781.97	0.00	0.00	0.00	51,236.31
	2	15	76,100.61	834.39	0.00	0.00	0.00	-62,780.91
		16	-76,100.61	834.39	0.00	0.00	0.00	60,337.12
	3	15	71,587.30	52.42	0.00	0.00	0.00	-111,681.00
		16	-71,587.30	52.42	0.00	0.00	0.00	111,573.40
16	1	16	-4,512.57	780.65	0.00	0.00	0.00	-51,236.34
		17	4,512.57	-780.65	0.00	0.00	0.00	53,370.48
	2	16	86,969.41	835.33	0.00	0.00	0.00	-89,777.93
		17	-86,969.41	835.33	0.00	0.00	0.00	87,278.84
	3	16	82,456.84	54.68	0.00	0.00	0.00	-141,014.30
		17	-82,456.84	54.68	0.00	0.00	0.00	140,849.30
17	1	17	-4,513.18	780.35	0.00	0.00	0.00	-53,570.91
		18	4,513.18	-780.35	0.00	0.00	0.00	55,906.65
	2	17	92,403.18	836.28	0.00	0.00	0.00	-111,277.60
		18	-92,403.18	836.28	0.00	0.00	0.00	108,699.80
	3	17	87,890.00	55.93	0.00	0.00	0.00	-164,848.50
		18	-87,890.00	55.93	0.00	0.00	0.00	164,606.40
18	1	18	-4,511.70	780.68	0.00	0.00	0.00	-55,906.80
		19	4,511.70	-780.68	0.00	0.00	0.00	58,245.26
	2	18	97,838.38	835.22	0.00	0.00	0.00	-134,547.80
		19	-97,838.38	835.22	0.00	0.00	0.00	131,888.70
	3	18	93,326.67	54.54	0.00	0.00	0.00	-190,454.60
		19	-93,326.67	54.54	0.00	0.00	0.00	190,134.00
19	1	19	-4,512.34	783.51	0.00	0.00	0.00	-58,245.11
		20	4,512.34	-783.51	0.00	0.00	0.00	60,593.73
	2	19	103,271.80	835.23	0.00	0.00	0.00	-159,477.80
		20	-103,271.80	835.23	0.00	0.00	0.00	156,724.60
	3	19	98,759.45	51.72	0.00	0.00	0.00	-217,722.90
		20	-98,759.45	51.72	0.00	0.00	0.00	217,318.30
20	1	20	-4,512.10	786.87	0.00	0.00	0.00	-60,593.80
		21	4,512.10	-786.87	0.00	0.00	0.00	63,740.88
	2	20	108,705.10	835.21	0.00	0.00	0.00	-200,931.00
		21	-108,705.10	835.21	0.00	0.00	0.00	197,096.30
	3	20	104,193.00	48.34	0.00	0.00	0.00	-261,524.80
		21	-104,193.00	48.34	0.00	0.00	0.00	260,837.10
21	1	21	-4,501.76	844.66	0.00	0.00	0.00	-63,740.68
		22	4,501.76	-844.66	0.00	0.00	0.00	65,430.01

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

Job No. : \_\_\_\_\_ Designed by : \_\_\_\_\_ Checked by : \_\_\_\_\_ Date : **January 25, 2000**

2	21	108,694.30	-834.99	0.00	0.00	0.00	-197,096.30	
		-108,694.30	834.99	0.00	0.00	0.00	195,116.60	
3	21	104,192.50	9.67	0.00	0.00	0.00	-260,836.90	
		-104,192.50	-9.67	0.00	0.00	0.00	260,546.60	
22	1	22	-0.15	-1.25	0.00	0.00	0.00	-1.10
		23	0.15	1.25	0.00	0.00	0.00	-0.84
	2	22	108,683.90	0.27	0.00	0.00	0.00	-264,265.30
		23	-108,683.90	-0.27	0.00	0.00	0.00	263,911.20
	3	22	108,683.80	-0.98	0.00	0.00	0.00	-264,266.40
			-108,683.80	0.98	0.00	0.00	0.00	263,910.30
23	1	23	-0.32	0.06	0.00	0.00	0.00	-0.06
		24	0.32	-0.06	0.00	0.00	0.00	0.26
	2	23	108,683.90	-0.40	0.00	0.00	0.00	-263,910.80
		24	-108,683.90	0.40	0.00	0.00	0.00	263,036.50
	3	23	108,683.60	-0.34	0.00	0.00	0.00	-263,910.80
			-108,683.60	0.34	0.00	0.00	0.00	263,036.80
24	1	24	0.09	0.20	0.00	0.00	0.00	0.72
		25	-0.09	-0.20	0.00	0.00	0.00	0.49
	2	24	103,250.40	0.44	0.00	0.00	0.00	-218,829.40
		25	-103,250.40	-0.44	0.00	0.00	0.00	218,067.40
	3	24	103,250.50	0.64	0.00	0.00	0.00	-218,828.70
			-103,250.50	-0.64	0.00	0.00	0.00	218,067.90
25	1	25	-0.20	0.67	0.00	0.00	0.00	0.68
		26	0.20	-0.67	0.00	0.00	0.00	0.55
	2	25	97,815.65	-0.36	0.00	0.00	0.00	-190,479.00
		26	-97,815.65	0.36	0.00	0.00	0.00	189,639.00
	3	25	97,815.45	0.31	0.00	0.00	0.00	-190,478.30
			-97,815.45	-0.31	0.00	0.00	0.00	189,639.50
26	1	26	-0.26	0.04	0.00	0.00	0.00	0.07
		27	0.26	-0.04	0.00	0.00	0.00	0.06
	2	26	92,380.66	-0.98	0.00	0.00	0.00	-163,793.10
		27	-92,380.66	0.98	0.00	0.00	0.00	162,892.20
	3	26	92,380.40	-0.94	0.00	0.00	0.00	-163,793.00
			-92,380.40	0.94	0.00	0.00	0.00	162,892.30
27	1	27	-0.02	0.34	0.00	0.00	0.00	0.21
		28	0.02	-0.34	0.00	0.00	0.00	0.22
	2	27	86,946.30	-2.98	0.00	0.00	0.00	-138,900.80
		28	-86,946.30	2.98	0.00	0.00	0.00	137,933.00
	3	27	86,946.29	-2.64	0.00	0.00	0.00	-138,900.60
			-86,946.29	2.64	0.00	0.00	0.00	137,933.30
28	1	28	-0.62	0.21	0.00	0.00	0.00	0.17
		29	0.62	-0.21	0.00	0.00	0.00	0.09
	2	28	76,078.89	1.55	0.00	0.00	0.00	-108,493.30
		29	-76,078.89	-1.55	0.00	0.00	0.00	107,568.80
	3	28	76,078.27	1.76	0.00	0.00	0.00	-108,493.10
			-76,078.27	-1.76	0.00	0.00	0.00	107,568.90
29	1	29	0.39	-0.21	0.00	0.00	0.00	-0.37
		30	-0.39	0.21	0.00	0.00	0.00	-0.31
	2	29	65,211.16	0.06	0.00	0.00	0.00	-81,799.30
		30	-65,211.16	-0.06	0.00	0.00	0.00	80,918.66
	3	29	65,211.75	-0.16	0.00	0.00	0.00	-81,799.87
			-65,211.75	0.16	0.00	0.00	0.00	80,918.35
30	1	30	-0.37	-0.05	0.00	0.00	0.00	0.25
		31	0.37	0.05	0.00	0.00	0.00	0.27
	2	30	54,341.93	-1.69	0.00	0.00	0.00	-58,934.62
		31	-54,341.93	1.69	0.00	0.00	0.00	58,141.10
	3	30	54,341.55	-1.74	0.00	0.00	0.00	-58,934.37
			-54,341.55	1.74	0.00	0.00	0.00	58,141.36
31	1	31	-0.05	-0.03	0.00	0.00	0.00	-0.09
		32	0.05	0.03	0.00	0.00	0.00	-0.02
	2	31	43,473.74	0.47	0.00	0.00	0.00	-43,438.92
		32	-43,473.74	-0.47	0.00	0.00	0.00	42,644.34
	3	31	43,473.69	0.43	0.00	0.00	0.00	-43,439.01
			-43,473.69	-0.43	0.00	0.00	0.00	42,644.32

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
32	1	32	-0.54	-0.02	0.00	0.00	0.00	-0.01
		33	0.54	0.02	0.00	0.00	0.00	-0.01
	2	32	32,605.21	-1.02	0.00	0.00	0.00	-32,449.78
		33	-32,605.21	1.02	0.00	0.00	0.00	31,821.27
	3	32	32,604.67	-1.04	0.00	0.00	0.00	-32,449.79
		33	-32,604.67	1.04	0.00	0.00	0.00	31,821.26
33	1	33	0.39	-0.01	0.00	0.00	0.00	-0.10
		34	-0.39	0.01	0.00	0.00	0.00	-0.10
	2	33	27,171.00	2.28	0.00	0.00	0.00	-26,718.83
		34	-27,171.00	-2.28	0.00	0.00	0.00	26,178.13
	3	33	27,171.39	2.27	0.00	0.00	0.00	-26,718.93
		34	-27,171.39	-2.27	0.00	0.00	0.00	26,178.04
34	1	34	0.26	0.00	0.00	0.00	0.00	-0.03
		35	-0.26	0.00	0.00	0.00	0.00	-0.03
	2	34	16,302.92	-1.47	0.00	0.00	0.00	-15,981.05
		35	-16,302.92	1.47	0.00	0.00	0.00	15,638.26
	3	34	16,303.18	-1.47	0.00	0.00	0.00	-15,981.08
		35	-16,303.18	1.47	0.00	0.00	0.00	15,638.23
35	1	35	-0.78	0.04	0.00	0.00	0.00	0.04
		36	0.78	-0.04	0.00	0.00	0.00	0.05
	2	35	10,868.22	1.58	0.00	0.00	0.00	-10,541.08
		36	-10,868.22	-1.58	0.00	0.00	0.00	10,309.60
	3	35	10,867.44	1.62	0.00	0.00	0.00	-10,541.03
		36	-10,867.44	-1.62	0.00	0.00	0.00	10,309.65
36	1	36	-0.20	-0.01	0.00	0.00	0.00	-0.07
		37	0.20	0.01	0.00	0.00	0.00	-0.07
	2	36	5,434.05	-3.06	0.00	0.00	0.00	-5,217.23
		37	-5,434.05	3.06	0.00	0.00	0.00	5,093.75
	3	36	5,433.85	-3.07	0.00	0.00	0.00	-5,217.30
		37	-5,433.85	3.07	0.00	0.00	0.00	5,093.68
204	1	204	-900.57	-4,477.51	0.00	0.00	0.00	-50,150.94
		205	900.57	4,477.51	0.00	0.00	0.00	43,440.89
	2	204	835.56	-3.64	0.00	0.00	0.00	69,155.17
		205	-835.56	3.64	0.00	0.00	0.00	-69,158.62
	3	204	-65.01	-4,481.16	0.00	0.00	0.00	19,004.24
		205	65.01	4,481.16	0.00	0.00	0.00	-25,717.73
205	1	205	-900.58	-4,489.65	0.00	0.00	0.00	-43,422.85
		206	900.58	4,489.65	0.00	0.00	0.00	23,221.65
	2	205	835.56	-0.11	0.00	0.00	0.00	69,155.08
		206	-835.56	0.11	0.00	0.00	0.00	-69,161.08
	3	205	-65.01	-4,489.76	0.00	0.00	0.00	25,732.23
		206	65.01	4,489.76	0.00	0.00	0.00	-45,939.42
206	1	206	-900.57	-4,491.42	0.00	0.00	0.00	-23,219.72
		207	900.57	4,491.42	0.00	0.00	0.00	3,009.86
	2	206	835.56	-0.01	0.00	0.00	0.00	69,160.47
		207	-835.56	0.01	0.00	0.00	0.00	-69,164.70
	3	206	-65.01	-4,491.43	0.00	0.00	0.00	45,940.75
		207	65.01	4,491.43	0.00	0.00	0.00	-66,154.84
207	1	207	-900.63	-4,500.31	0.00	0.00	0.00	-2,984.64
		208	900.63	4,500.31	0.00	0.00	0.00	-3,718.38
	2	207	835.56	1.00	0.00	0.00	0.00	69,166.29
		208	-835.56	-1.00	0.00	0.00	0.00	-69,163.97
	3	207	-65.07	-4,499.31	0.00	0.00	0.00	66,181.66
		208	65.07	4,499.31	0.00	0.00	0.00	-72,882.34
239	1	209	2,210.83	-8,201.25	0.00	0.00	0.00	-3,462.00
		240	-2,210.83	8,201.25	0.00	0.00	0.00	-35,488.45
	2	209	13.67	-7,514.70	0.00	0.00	0.00	-36,224.56
		240	-13.67	7,514.70	0.00	0.00	0.00	529.77
	3	209	2,224.50	-15,715.95	0.00	0.00	0.00	-39,686.56
		240	-2,224.50	15,715.95	0.00	0.00	0.00	-34,958.68
240	1	240	1.30	-0.03	0.00	0.00	0.00	-0.01
		241	-1.30	0.03	0.00	0.00	0.00	0.01
	2	240	0.00	0.04	0.00	0.00	0.00	0.03
		241	0.00	-0.04	0.00	0.00	0.00	0.06

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

Job No. :	Designed by :	Checked by :	Date :					
	3	240	1.30	0.01	0.00	0.00	0.00	0.02
		241	-1.30	-0.01	0.00	0.00	0.00	0.07
241	1	209	-2,281.25	9,101.88	0.00	0.00	0.00	6,997.53
		242	2,281.25	-9,101.88	0.00	0.00	0.00	36,241.65
	2	209	13.68	6,679.13	0.00	0.00	0.00	32,942.08
		242	-13.68	-6,679.13	0.00	0.00	0.00	-1,216.21
	3	209	-2,267.57	15,781.02	0.00	0.00	0.00	39,939.61
		242	2,267.57	-15,781.02	0.00	0.00	0.00	35,025.45
242	1	242	0.10	0.21	0.00	0.00	0.00	0.36
		243	-0.10	-0.21	0.00	0.00	0.00	0.05
	2	242	0.08	-0.05	0.00	0.00	0.00	-0.03
		243	-0.08	0.05	0.00	0.00	0.00	-0.07
	3	242	0.18	0.16	0.00	0.00	0.00	0.33
		243	-0.18	-0.16	0.00	0.00	0.00	-0.02
263	1	240	8,201.26	-2,212.09	0.00	0.00	0.00	-35,486.91
		264	-8,201.26	2,212.09	0.00	0.00	0.00	32,160.77
	2	240	7,514.72	-13.74	0.00	0.00	0.00	529.82
		264	-7,514.72	13.74	0.00	0.00	0.00	-552.08
	3	240	15,715.98	-2,225.84	0.00	0.00	0.00	-34,957.10
		264	-15,715.98	2,225.84	0.00	0.00	0.00	31,608.69
264	1	264	8,201.25	-2,210.35	0.00	0.00	0.00	-32,159.68
		265	-8,201.25	2,210.35	0.00	0.00	0.00	12,114.99
	2	264	7,514.69	-13.69	0.00	0.00	0.00	552.05
		265	-7,514.69	13.69	0.00	0.00	0.00	-684.59
	3	264	15,715.94	-2,224.04	0.00	0.00	0.00	-31,607.63
		265	-15,715.94	2,224.04	0.00	0.00	0.00	11,430.40
265	1	265	8,201.25	-2,210.36	0.00	0.00	0.00	-12,114.99
		266	-8,201.25	2,210.36	0.00	0.00	0.00	-21,371.58
	2	265	7,514.69	-13.69	0.00	0.00	0.00	684.59
		266	-7,514.69	13.69	0.00	0.00	0.00	-900.09
	3	265	15,715.95	-2,224.05	0.00	0.00	0.00	-11,430.41
		266	-15,715.95	2,224.05	0.00	0.00	0.00	-22,271.67
266	1	266	8,201.26	-1,588.80	0.00	0.00	0.00	21,371.66
		267	-8,201.26	1,588.80	0.00	0.00	0.00	-23,779.88
	2	266	7,514.70	1.55	0.00	0.00	0.00	900.09
		267	-7,514.70	-1.55	0.00	0.00	0.00	-898.32
	3	266	15,715.96	-1,587.25	0.00	0.00	0.00	22,271.75
		267	-15,715.96	1,587.25	0.00	0.00	0.00	-24,678.20
267	1	267	8,201.25	-611.93	0.00	0.00	0.00	23,779.86
		268	-8,201.25	611.93	0.00	0.00	0.00	-24,720.24
	2	267	7,514.68	-24.39	0.00	0.00	0.00	898.32
		268	-7,514.68	24.39	0.00	0.00	0.00	-862.21
	3	267	15,715.92	-587.54	0.00	0.00	0.00	24,678.18
		268	-15,715.92	587.54	0.00	0.00	0.00	-25,382.45
268	1	268	8,201.25	131.51	0.00	0.00	0.00	24,719.57
		269	-8,201.25	-131.51	0.00	0.00	0.00	-24,541.48
	2	268	7,514.71	40.75	0.00	0.00	0.00	862.20
		269	-7,514.71	-40.75	0.00	0.00	0.00	-801.48
	3	268	15,715.96	172.25	0.00	0.00	0.00	25,581.77
		269	-15,715.96	-172.25	0.00	0.00	0.00	-25,342.96
269	1	269	8,201.25	673.52	0.00	0.00	0.00	24,541.23
		270	-8,201.25	-673.52	0.00	0.00	0.00	-23,346.57
	2	269	7,514.69	51.80	0.00	0.00	0.00	801.48
		270	-7,514.69	-51.80	0.00	0.00	0.00	-724.10
	3	269	15,715.94	725.32	0.00	0.00	0.00	25,342.71
		270	-15,715.94	-725.32	0.00	0.00	0.00	-24,270.67
270	1	270	8,201.25	1,048.82	0.00	0.00	0.00	23,546.30
		271	-8,201.25	-1,048.82	0.00	0.00	0.00	-21,985.74
	2	270	7,514.70	58.63	0.00	0.00	0.00	724.10
		271	-7,514.70	-58.63	0.00	0.00	0.00	-636.39
	3	270	15,715.95	1,107.45	0.00	0.00	0.00	24,270.40
		271	-15,715.95	-1,107.45	0.00	0.00	0.00	-22,622.13
271	1	271	8,201.26	1,358.19	0.00	0.00	0.00	21,985.75
		272	-8,201.26	-1,358.19	0.00	0.00	0.00	-19,958.43

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
	2	271	7,514.71	63.29	0.00	0.00	0.00	636.40
		272	-7,514.71	-63.29	0.00	0.00	0.00	-541.64
	3	271	15,715.97	1,421.48	0.00	0.00	0.00	22,622.15
		272	-15,715.97	-1,421.48	0.00	0.00	0.00	-20,500.07
272	1	272	8,201.25	1,823.96	0.00	0.00	0.00	19,958.49
		273	-8,201.25	-1,823.96	0.00	0.00	0.00	-17,229.83
	2	272	7,514.68	67.65	0.00	0.00	0.00	541.64
		273	-7,514.68	-67.65	0.00	0.00	0.00	-440.29
	3	272	15,715.93	1,891.61	0.00	0.00	0.00	20,500.13
		273	-15,715.93	-1,891.61	0.00	0.00	0.00	-17,670.15
273	1	273	8,201.27	2,019.50	0.00	0.00	0.00	17,229.86
		274	-8,201.27	-2,019.50	0.00	0.00	0.00	-14,205.77
	2	273	7,514.71	66.42	0.00	0.00	0.00	440.29
		274	-7,514.71	-66.42	0.00	0.00	0.00	-340.75
	3	273	15,715.98	2,085.91	0.00	0.00	0.00	17,670.15
		274	-15,715.98	-2,085.91	0.00	0.00	0.00	-14,546.52
274	1	274	8,201.24	2,028.00	0.00	0.00	0.00	14,205.78
		275	-8,201.24	-2,028.00	0.00	0.00	0.00	-11,167.09
	2	274	7,514.69	60.28	0.00	0.00	0.00	340.75
		275	-7,514.69	-60.28	0.00	0.00	0.00	-250.37
	3	274	15,715.92	2,088.28	0.00	0.00	0.00	14,546.53
		275	-15,715.92	-2,088.28	0.00	0.00	0.00	-11,417.46
275	1	275	8,201.25	1,878.84	0.00	0.00	0.00	11,167.10
		276	-8,201.25	-1,878.84	0.00	0.00	0.00	-8,350.71
	2	275	7,514.66	51.72	0.00	0.00	0.00	250.37
		276	-7,514.66	-51.72	0.00	0.00	0.00	-172.81
	3	275	15,715.91	1,930.56	0.00	0.00	0.00	11,417.47
		276	-15,715.91	-1,930.56	0.00	0.00	0.00	-8,523.52
276	1	276	8,201.28	1,640.81	0.00	0.00	0.00	8,350.70
		277	-8,201.28	-1,640.81	0.00	0.00	0.00	-5,890.24
	2	276	7,514.70	42.27	0.00	0.00	0.00	172.81
		277	-7,514.70	-42.27	0.00	0.00	0.00	-109.40
	3	276	15,715.97	1,683.09	0.00	0.00	0.00	8,523.50
		277	-15,715.97	-1,683.09	0.00	0.00	0.00	-5,999.64
277	1	277	8,201.25	1,365.79	0.00	0.00	0.00	5,890.22
		278	-8,201.25	-1,365.79	0.00	0.00	0.00	-3,841.57
	2	277	7,514.70	33.02	0.00	0.00	0.00	109.40
		278	-7,514.70	-33.02	0.00	0.00	0.00	-59.85
	3	277	15,715.95	1,398.82	0.00	0.00	0.00	5,999.61
		278	-15,715.95	-1,398.82	0.00	0.00	0.00	-3,901.42
278	1	278	8,201.28	1,090.28	0.00	0.00	0.00	3,841.57
		279	-8,201.28	-1,090.28	0.00	0.00	0.00	-2,205.66
	2	278	7,514.68	24.66	0.00	0.00	0.00	59.85
		279	-7,514.68	-24.66	0.00	0.00	0.00	-22.84
	3	278	15,715.96	1,114.94	0.00	0.00	0.00	3,901.42
		279	-15,715.96	-1,114.94	0.00	0.00	0.00	-2,228.50
279	1	279	8,201.26	838.37	0.00	0.00	0.00	2,205.68
		280	-8,201.26	-838.37	0.00	0.00	0.00	-947.36
	2	279	7,514.70	17.56	0.00	0.00	0.00	22.84
		280	-7,514.70	-17.56	0.00	0.00	0.00	3.52
	3	279	15,715.96	855.93	0.00	0.00	0.00	2,228.52
		280	-15,715.96	-855.93	0.00	0.00	0.00	-943.84
280	1	280	8,201.25	623.96	0.00	0.00	0.00	947.34
		281	-8,201.25	-623.96	0.00	0.00	0.00	-10.49
	2	280	7,514.69	11.87	0.00	0.00	0.00	-3.52
		281	-7,514.69	-11.87	0.00	0.00	0.00	21.35
	3	280	15,715.94	635.84	0.00	0.00	0.00	943.83
		281	-15,715.94	-635.84	0.00	0.00	0.00	10.86
281	1	281	8,201.25	453.32	0.00	0.00	0.00	10.45
		282	-8,201.25	-453.32	0.00	0.00	0.00	670.46
	2	281	7,514.68	7.59	0.00	0.00	0.00	-21.35
		282	-7,514.68	-7.59	0.00	0.00	0.00	32.76
	3	281	15,715.93	460.91	0.00	0.00	0.00	-10.90
		282	-15,715.93	-460.91	0.00	0.00	0.00	703.21

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
282	1	282	8,201.26	284.58	0.00	0.00	0.00	-670.47
		283	-8,201.26	-284.58	0.00	0.00	0.00	1,098.17
	2	282	7,514.70	3.59	0.00	0.00	0.00	-32.76
		283	-7,514.70	-3.59	0.00	0.00	0.00	38.16
	3	282	15,715.96	288.17	0.00	0.00	0.00	-703.22
		283	-15,715.96	-288.17	0.00	0.00	0.00	1,136.33
283	1	283	8,201.27	169.37	0.00	0.00	0.00	-1,098.19
		284	-8,201.27	-169.37	0.00	0.00	0.00	1,552.95
	2	283	7,514.71	1.03	0.00	0.00	0.00	-38.16
		284	-7,514.71	-1.03	0.00	0.00	0.00	39.72
	3	283	15,715.99	170.40	0.00	0.00	0.00	-1,136.35
		284	-15,715.99	-170.40	0.00	0.00	0.00	1,392.68
284	1	284	8,201.26	-40.49	0.00	0.00	0.00	-1,352.95
		285	-8,201.26	40.49	0.00	0.00	0.00	1,292.75
	2	284	7,514.70	-3.20	0.00	0.00	0.00	-39.72
		285	-7,514.70	3.20	0.00	0.00	0.00	34.93
	3	284	15,715.96	-43.69	0.00	0.00	0.00	-1,392.67
		285	-15,715.96	43.69	0.00	0.00	0.00	1,327.68
285	1	285	8,201.25	-148.76	0.00	0.00	0.00	-1,292.74
		286	-8,201.25	148.76	0.00	0.00	0.00	993.69
	2	285	7,514.70	-5.00	0.00	0.00	0.00	-34.93
		286	-7,514.70	5.00	0.00	0.00	0.00	24.95
	3	285	15,715.95	-153.76	0.00	0.00	0.00	-1,327.68
		286	-15,715.95	153.76	0.00	0.00	0.00	1,020.64
286	1	286	8,201.25	-168.82	0.00	0.00	0.00	-993.69
		287	-8,201.25	168.82	0.00	0.00	0.00	658.28
	2	286	7,514.70	-4.82	0.00	0.00	0.00	-24.95
		287	-7,514.70	4.82	0.00	0.00	0.00	15.32
	3	286	15,715.95	-173.64	0.00	0.00	0.00	-1,020.64
		287	-15,715.95	173.64	0.00	0.00	0.00	673.60
287	1	287	8,201.26	-143.60	0.00	0.00	0.00	-658.28
		288	-8,201.26	143.60	0.00	0.00	0.00	371.16
	2	287	7,514.69	-3.75	0.00	0.00	0.00	-15.32
		288	-7,514.69	3.75	0.00	0.00	0.00	7.82
	3	287	15,715.95	-147.35	0.00	0.00	0.00	-673.60
		288	-15,715.95	147.35	0.00	0.00	0.00	378.98
288	1	288	8,201.25	-102.02	0.00	0.00	0.00	-371.16
		289	-8,201.25	102.02	0.00	0.00	0.00	167.13
	2	288	7,514.69	-2.47	0.00	0.00	0.00	-7.82
		289	-7,514.69	2.47	0.00	0.00	0.00	2.87
	3	288	15,715.94	-104.49	0.00	0.00	0.00	-378.98
		289	-15,715.94	104.49	0.00	0.00	0.00	169.99
289	1	289	8,201.25	-64.32	0.00	0.00	0.00	-167.13
		290	-8,201.25	64.32	0.00	0.00	0.00	38.44
	2	289	7,514.69	-1.45	0.00	0.00	0.00	-2.87
		290	-7,514.69	1.45	0.00	0.00	0.00	-0.03
	3	289	15,715.95	-65.77	0.00	0.00	0.00	-169.99
		290	-15,715.95	65.77	0.00	0.00	0.00	38.41
290	1	290	8,201.26	-34.08	0.00	0.00	0.00	-38.44
		291	-8,201.26	34.08	0.00	0.00	0.00	-29.77
	2	290	7,514.69	-0.68	0.00	0.00	0.00	0.03
		291	-7,514.69	0.68	0.00	0.00	0.00	-1.39
	3	290	15,715.95	-34.76	0.00	0.00	0.00	-38.41
		291	-15,715.95	34.76	0.00	0.00	0.00	-31.16
291	1	291	8,201.26	-13.20	0.00	0.00	0.00	29.77
		292	-8,201.26	13.20	0.00	0.00	0.00	-56.21
	2	291	7,514.69	-0.19	0.00	0.00	0.00	1.39
		292	-7,514.69	0.19	0.00	0.00	0.00	-1.76
	3	291	15,715.94	-13.38	0.00	0.00	0.00	31.16
		292	-15,715.94	13.38	0.00	0.00	0.00	-57.98
292	1	292	8,201.25	-0.79	0.00	0.00	0.00	56.21
		293	-8,201.25	0.79	0.00	0.00	0.00	-57.82
	2	292	7,514.69	0.08	0.00	0.00	0.00	1.76
		293	-7,514.69	-0.08	0.00	0.00	0.00	-1.60

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
	292	15,715.94	-0.70	0.00	0.00	0.00	57.98	
	293	-15,715.94	0.70	0.00	0.00	0.00	-59.42	
293	1	293	8,201.27	5.23	0.00	0.00	57.82	
		294	-8,201.27	-5.23	0.00	0.00	-47.39	
	2	293	7,514.69	0.19	0.00	0.00	1.60	
		294	-7,514.69	-0.19	0.00	0.00	-1.21	
	3	293	15,715.96	5.42	0.00	0.00	59.42	
		294	-15,715.96	-5.42	0.00	0.00	-48.60	
294	1	294	8,201.26	7.06	0.00	0.00	47.39	
		295	-8,201.26	-7.06	0.00	0.00	-33.29	
	2	294	7,514.69	0.21	0.00	0.00	1.21	
		295	-7,514.69	-0.21	0.00	0.00	-0.79	
	3	294	15,715.96	7.26	0.00	0.00	48.60	
		295	-15,715.96	-7.26	0.00	0.00	-34.09	
295	1	295	8,201.25	6.55	0.00	0.00	33.29	
		296	-8,201.25	-6.55	0.00	0.00	-20.19	
	2	295	7,514.69	0.18	0.00	0.00	0.79	
		296	-7,514.69	-0.18	0.00	0.00	-0.44	
	3	295	15,715.94	6.73	0.00	0.00	34.09	
		296	-15,715.94	-6.73	0.00	0.00	-20.64	
296	1	296	8,201.26	5.05	0.00	0.00	20.19	
		297	-8,201.26	-5.05	0.00	0.00	-10.10	
	2	296	7,514.69	0.13	0.00	0.00	0.44	
		297	-7,514.69	-0.13	0.00	0.00	-0.19	
	3	296	15,715.94	5.17	0.00	0.00	20.64	
		297	-15,715.94	-5.17	0.00	0.00	-10.29	
297	1	297	8,201.26	3.36	0.00	0.00	10.10	
		298	-8,201.26	-3.36	0.00	0.00	-3.37	
	2	297	7,514.69	0.08	0.00	0.00	0.19	
		298	-7,514.69	-0.08	0.00	0.00	-0.04	
	3	297	15,715.95	3.44	0.00	0.00	10.29	
		298	-15,715.95	-3.44	0.00	0.00	-3.41	
298	1	298	8,201.26	1.91	0.00	0.00	3.37	
		299	-8,201.26	-1.91	0.00	0.00	0.46	
	2	298	7,514.69	0.04	0.00	0.00	0.04	
		299	-7,514.69	-0.04	0.00	0.00	0.04	
	3	298	15,715.95	1.96	0.00	0.00	3.41	
		299	-15,715.95	-1.96	0.00	0.00	0.50	
299	1	299	8,201.26	0.86	0.00	0.00	-0.46	
		300	-8,201.26	-0.86	0.00	0.00	2.18	
	2	299	7,514.70	0.01	0.00	0.00	-0.04	
		300	-7,514.70	-0.01	0.00	0.00	0.07	
	3	299	15,715.96	0.88	0.00	0.00	-0.50	
		300	-15,715.96	-0.88	0.00	0.00	2.26	
300	1	300	8,201.26	0.20	0.00	0.00	-2.18	
		301	-8,201.26	-0.20	0.00	0.00	2.59	
	2	300	7,514.69	0.00	0.00	0.00	-0.07	
		301	-7,514.69	0.00	0.00	0.00	0.07	
	3	300	15,715.95	0.20	0.00	0.00	-2.26	
		301	-15,715.95	-0.20	0.00	0.00	2.66	
301	1	301	8,201.26	-0.15	0.00	0.00	-2.59	
		302	-8,201.26	0.15	0.00	0.00	2.29	
	2	301	7,514.69	-0.01	0.00	0.00	-0.07	
		302	-7,514.69	0.01	0.00	0.00	0.06	
	3	301	15,715.95	-0.16	0.00	0.00	-2.66	
		302	-15,715.95	0.16	0.00	0.00	2.35	
302	1	302	8,201.26	-0.29	0.00	0.00	-2.29	
		303	-8,201.26	0.29	0.00	0.00	1.71	
	2	302	7,514.69	-0.01	0.00	0.00	-0.06	
		303	-7,514.69	0.01	0.00	0.00	0.04	
	3	302	15,715.95	-0.30	0.00	0.00	-2.35	
		303	-15,715.95	0.30	0.00	0.00	1.75	
303	1	303	8,201.26	-0.30	0.00	0.00	-1.71	
		304	-8,201.26	0.30	0.00	0.00	1.11	

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
	2	303	7,514.69	-0.01	0.00	0.00	0.00	-0.04
		304	-7,514.69	0.01	0.00	0.00	0.00	0.03
	3	303	15,715.95	-0.31	0.00	0.00	0.00	-1.75
		304	-15,715.95	0.31	0.00	0.00	0.00	1.14
304	1	304	8,201.26	-0.25	0.00	0.00	0.00	-1.11
		305	-8,201.26	0.25	0.00	0.00	0.00	0.61
	2	304	7,514.69	-0.01	0.00	0.00	0.00	-0.03
		305	-7,514.69	0.01	0.00	0.00	0.00	0.01
	3	304	15,715.95	-0.26	0.00	0.00	0.00	-1.14
		305	-15,715.95	0.26	0.00	0.00	0.00	0.62
305	1	305	8,201.26	-0.20	0.00	0.00	0.00	-0.61
		306	-8,201.26	0.20	0.00	0.00	0.00	0.21
	2	305	7,514.69	0.00	0.00	0.00	0.00	-0.01
		306	-7,514.69	0.00	0.00	0.00	0.00	0.00
	3	305	15,715.95	-0.20	0.00	0.00	0.00	-0.62
		306	-15,715.95	0.20	0.00	0.00	0.00	0.22
306	1	306	8,201.26	-0.15	0.00	0.00	0.00	-0.21
		307	-8,201.26	0.15	0.00	0.00	0.00	-0.09
	2	306	7,514.69	0.00	0.00	0.00	0.00	0.00
		307	-7,514.69	0.00	0.00	0.00	0.00	0.00
	3	306	15,715.95	-0.16	0.00	0.00	0.00	-0.22
		307	-15,715.95	0.16	0.00	0.00	0.00	-0.09
307	1	307	8,201.26	-0.13	0.00	0.00	0.00	0.09
		308	-8,201.26	0.13	0.00	0.00	0.00	-0.35
	2	307	7,514.69	0.00	0.00	0.00	0.00	0.00
		308	-7,514.69	0.00	0.00	0.00	0.00	-0.01
	3	307	15,715.95	-0.13	0.00	0.00	0.00	0.09
		308	-15,715.95	0.13	0.00	0.00	0.00	-0.36
308	1	308	8,201.26	-0.12	0.00	0.00	0.00	0.35
		309	-8,201.26	0.12	0.00	0.00	0.00	-0.53
	2	308	7,514.69	0.00	0.00	0.00	0.00	0.01
		309	-7,514.69	0.00	0.00	0.00	0.00	-0.01
	3	308	15,715.95	-0.13	0.00	0.00	0.00	0.36
		309	-15,715.95	0.13	0.00	0.00	0.00	-0.54
309	1	242	-9,101.62	-2,278.00	0.00	0.00	0.00	-36,242.03
		310	9,101.62	2,278.00	0.00	0.00	0.00	32,833.97
	2	242	-6,679.08	13.89	0.00	0.00	0.00	1,216.39
		310	6,679.08	-13.89	0.00	0.00	0.00	-1,193.54
	3	242	-15,780.71	-2,264.11	0.00	0.00	0.00	-35,025.64
		310	15,780.71	2,264.11	0.00	0.00	0.00	31,640.44
310	1	310	-9,101.84	-2,280.38	0.00	0.00	0.00	-32,835.03
		311	9,101.84	2,280.38	0.00	0.00	0.00	12,477.68
	2	310	-6,679.13	13.70	0.00	0.00	0.00	1,193.77
		311	6,679.13	-13.70	0.00	0.00	0.00	-1,061.30
	3	310	-15,780.97	-2,266.69	0.00	0.00	0.00	-31,641.25
		311	15,780.97	2,266.69	0.00	0.00	0.00	11,416.38
311	1	311	-9,101.84	-2,280.38	0.00	0.00	0.00	-12,477.76
		312	9,101.84	2,280.38	0.00	0.00	0.00	-21,359.71
	2	311	-6,679.13	13.69	0.00	0.00	0.00	1,061.31
		312	6,679.13	-13.69	0.00	0.00	0.00	-847.86
	3	311	-15,780.97	-2,266.68	0.00	0.00	0.00	-11,416.44
		312	15,780.97	2,266.68	0.00	0.00	0.00	-22,207.57
312	1	312	-9,101.77	-1,651.70	0.00	0.00	0.00	21,360.11
		314	9,101.77	1,651.70	0.00	0.00	0.00	-23,810.33
	2	312	-6,679.14	24.38	0.00	0.00	0.00	847.87
		314	6,679.14	-24.38	0.00	0.00	0.00	-810.94
	3	312	-15,780.91	-1,627.32	0.00	0.00	0.00	22,207.98
		314	15,780.91	1,627.32	0.00	0.00	0.00	-24,621.26
313	1	314	-9,101.83	-664.59	0.00	0.00	0.00	23,810.80
		315	9,101.83	664.59	0.00	0.00	0.00	-24,782.14
	2	314	-6,679.07	39.68	0.00	0.00	0.00	810.94
		315	6,679.07	-39.68	0.00	0.00	0.00	-751.12
	3	314	-15,780.90	-624.90	0.00	0.00	0.00	24,621.73
		315	15,780.90	624.90	0.00	0.00	0.00	-25,533.26



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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
314	1	315	-9,101.96	88.11	0.00	0.00	0.00	24,782.69
		316	9,101.96	-88.11	0.00	0.00	0.00	-24,628.95
	2	315	-6,679.13	50.04	0.00	0.00	0.00	751.11
		316	6,679.13	-50.04	0.00	0.00	0.00	-675.82
	3	315	-15,781.09	138.15	0.00	0.00	0.00	25,533.80
		316	15,781.09	-138.15	0.00	0.00	0.00	-25,304.77
315	1	316	-9,101.86	638.21	0.00	0.00	0.00	24,629.28
		317	9,101.86	-638.21	0.00	0.00	0.00	-23,654.03
	2	316	-6,679.12	56.47	0.00	0.00	0.00	675.81
		317	6,679.12	-56.47	0.00	0.00	0.00	-590.93
	3	316	-15,780.97	694.68	0.00	0.00	0.00	25,305.09
		317	15,780.97	-694.68	0.00	0.00	0.00	-24,244.96
316	1	317	-9,101.81	1,019.21	0.00	0.00	0.00	23,654.18
		318	9,101.81	-1,019.21	0.00	0.00	0.00	-22,111.23
	2	317	-6,679.14	59.89	0.00	0.00	0.00	590.93
		318	6,679.14	-59.89	0.00	0.00	0.00	-500.97
	3	317	-15,780.95	1,079.10	0.00	0.00	0.00	24,245.11
		318	15,780.95	-1,079.10	0.00	0.00	0.00	-22,612.20
317	1	318	-9,101.79	1,334.68	0.00	0.00	0.00	22,111.21
		319	9,101.79	-1,334.68	0.00	0.00	0.00	-20,098.10
	2	318	-6,679.09	61.46	0.00	0.00	0.00	500.96
		319	6,679.09	-61.46	0.00	0.00	0.00	-408.68
	3	318	-15,780.88	1,396.15	0.00	0.00	0.00	22,612.17
		319	15,780.88	-1,396.15	0.00	0.00	0.00	-20,506.78
318	1	319	-9,101.82	1,812.65	0.00	0.00	0.00	20,098.31
		320	9,101.82	-1,812.65	0.00	0.00	0.00	-17,371.11
	2	319	-6,679.14	60.45	0.00	0.00	0.00	408.68
		320	6,679.14	-60.45	0.00	0.00	0.00	-317.95
	3	319	-15,780.96	1,873.10	0.00	0.00	0.00	20,506.98
		320	15,780.96	-1,873.10	0.00	0.00	0.00	-17,689.05
319	1	320	-9,101.82	2,016.56	0.00	0.00	0.00	17,371.20
		321	9,101.82	-2,016.56	0.00	0.00	0.00	-14,340.61
	2	320	-6,679.13	56.13	0.00	0.00	0.00	317.95
		321	6,679.13	-56.13	0.00	0.00	0.00	-233.75
	3	320	-15,780.95	2,072.69	0.00	0.00	0.00	17,689.15
		321	15,780.95	-2,072.69	0.00	0.00	0.00	-14,574.34
320	1	321	-9,101.86	2,032.45	0.00	0.00	0.00	14,340.61
		322	9,101.86	-2,032.45	0.00	0.00	0.00	-11,288.21
	2	321	-6,679.13	48.20	0.00	0.00	0.00	233.73
		322	6,679.13	-48.20	0.00	0.00	0.00	-161.42
	3	321	-15,780.99	2,080.65	0.00	0.00	0.00	14,574.34
		322	15,780.99	-2,080.65	0.00	0.00	0.00	-11,449.63
321	1	322	-9,101.85	1,887.73	0.00	0.00	0.00	11,288.21
		323	9,101.85	-1,887.73	0.00	0.00	0.00	-8,454.53
	2	322	-6,679.15	39.39	0.00	0.00	0.00	161.42
		323	6,679.15	-39.39	0.00	0.00	0.00	-102.33
	3	322	-15,781.00	1,927.12	0.00	0.00	0.00	11,449.63
		323	15,781.00	-1,927.12	0.00	0.00	0.00	-8,556.87
322	1	323	-9,101.83	1,651.96	0.00	0.00	0.00	8,454.52
		324	9,101.83	-1,651.96	0.00	0.00	0.00	-5,975.64
	2	323	-6,679.15	30.72	0.00	0.00	0.00	102.34
		324	6,679.15	-30.72	0.00	0.00	0.00	-56.27
	3	323	-15,780.98	1,682.68	0.00	0.00	0.00	8,556.86
		324	15,780.98	-1,682.68	0.00	0.00	0.00	-6,031.91
323	1	324	-9,101.85	1,377.70	0.00	0.00	0.00	5,975.64
		325	9,101.85	-1,377.70	0.00	0.00	0.00	-3,909.08
	2	324	-6,679.15	22.82	0.00	0.00	0.00	56.27
		325	6,679.15	-22.82	0.00	0.00	0.00	-22.06
	3	324	-15,780.99	1,400.52	0.00	0.00	0.00	6,031.90
		325	15,780.99	-1,400.52	0.00	0.00	0.00	-3,931.13
324	1	325	-9,101.82	1,101.87	0.00	0.00	0.00	3,909.04
		326	9,101.82	-1,101.87	0.00	0.00	0.00	-2,256.78
	2	325	-6,679.13	16.05	0.00	0.00	0.00	22.06
		326	6,679.13	-16.05	0.00	0.00	0.00	2.00

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

Job No. :	Designed by :	Checked by :	Date :					
			January 25, 2000					
	3	325	-15,780.95	1,117.92	0.00	0.00	0.00	3,931.10
		326	15,780.95	-1,117.92	0.00	0.00	0.00	-2,254.77
325	1	326	-9,101.82	849.10	0.00	0.00	0.00	2,256.76
		327	9,101.82	-849.10	0.00	0.00	0.00	-983.96
	2	326	-6,679.15	10.56	0.00	0.00	0.00	-2.00
		327	6,679.15	-10.56	0.00	0.00	0.00	17.82
	3	326	-15,780.97	859.66	0.00	0.00	0.00	2,254.76
		327	15,780.97	-859.66	0.00	0.00	0.00	-966.14
326	1	327	-9,101.81	633.59	0.00	0.00	0.00	983.96
		328	9,101.81	-633.59	0.00	0.00	0.00	-34.38
	2	327	-6,679.12	6.34	0.00	0.00	0.00	-17.82
		328	6,679.12	-6.34	0.00	0.00	0.00	27.32
	3	327	-15,780.93	639.93	0.00	0.00	0.00	966.14
		328	15,780.93	-639.93	0.00	0.00	0.00	-7.27
327	1	328	-9,101.80	461.70	0.00	0.00	0.00	34.56
		329	9,101.80	-461.70	0.00	0.00	0.00	656.98
	2	328	-6,679.11	3.29	0.00	0.00	0.00	-27.32
		329	6,679.11	-3.29	0.00	0.00	0.00	32.25
	3	328	-15,780.90	465.00	0.00	0.00	0.00	7.24
		329	15,780.90	-465.00	0.00	0.00	0.00	689.23
328	1	329	-9,101.85	291.55	0.00	0.00	0.00	-657.00
		330	9,101.85	-291.55	0.00	0.00	0.00	1,093.36
	2	329	-6,679.13	0.58	0.00	0.00	0.00	-32.25
		330	6,679.13	-0.58	0.00	0.00	0.00	33.10
	3	329	-15,780.98	292.13	0.00	0.00	0.00	-689.25
		330	15,780.98	-292.13	0.00	0.00	0.00	1,126.46
329	1	330	-9,101.84	175.10	0.00	0.00	0.00	-1,093.36
		331	9,101.84	-175.10	0.00	0.00	0.00	1,355.22
	2	330	-6,679.13	-1.06	0.00	0.00	0.00	-33.10
		331	6,679.13	1.06	0.00	0.00	0.00	31.51
	3	330	-15,780.97	174.04	0.00	0.00	0.00	-1,126.46
		331	15,780.97	-174.04	0.00	0.00	0.00	1,386.72
330	1	331	-9,101.82	37.57	0.00	0.00	0.00	-1,355.21
		313	9,101.82	-37.57	0.00	0.00	0.00	1,298.26
	2	331	-6,679.13	-3.50	0.00	0.00	0.00	-31.51
		313	6,679.13	3.50	0.00	0.00	0.00	26.26
	3	331	-15,780.95	41.06	0.00	0.00	0.00	-1,386.72
		313	15,780.95	-41.06	0.00	0.00	0.00	1,324.52
331	1	313	-9,101.82	147.81	0.00	0.00	0.00	-1,298.26
		333	9,101.82	-147.81	0.00	0.00	0.00	1,002.12
	2	313	-6,679.13	-4.26	0.00	0.00	0.00	-26.26
		333	6,679.13	4.26	0.00	0.00	0.00	17.73
	3	313	-15,780.95	152.07	0.00	0.00	0.00	-1,324.52
		333	15,780.95	-152.07	0.00	0.00	0.00	1,019.85
332	1	333	-9,101.83	168.97	0.00	0.00	0.00	-1,002.12
		334	9,101.83	-168.97	0.00	0.00	0.00	663.91
	2	333	-6,679.15	-3.75	0.00	0.00	0.00	-17.73
		334	6,679.15	3.75	0.00	0.00	0.00	10.23
	3	333	-15,780.98	172.72	0.00	0.00	0.00	-1,019.85
		334	15,780.98	-172.72	0.00	0.00	0.00	674.13
333	1	334	-9,101.82	144.22	0.00	0.00	0.00	-663.91
		335	9,101.82	-144.22	0.00	0.00	0.00	375.36
	2	334	-6,679.14	-2.75	0.00	0.00	0.00	-10.23
		335	6,679.14	2.75	0.00	0.00	0.00	4.72
	3	334	-15,780.96	146.98	0.00	0.00	0.00	-674.13
		335	15,780.96	-146.98	0.00	0.00	0.00	380.08
334	1	335	-9,101.83	102.74	0.00	0.00	0.00	-375.36
		336	9,101.83	-102.74	0.00	0.00	0.00	169.88
	2	335	-6,679.14	-1.71	0.00	0.00	0.00	-4.72
		336	6,679.14	1.71	0.00	0.00	0.00	1.30
	3	335	-15,780.98	104.45	0.00	0.00	0.00	-380.08
		336	15,780.98	-104.45	0.00	0.00	0.00	171.18
335	1	336	-9,101.83	64.96	0.00	0.00	0.00	-169.88
		337	9,101.83	-64.96	0.00	0.00	0.00	40.01

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

Job No. :	Designed by :	Checked by :	Date :	January 25, 2000				
	2	336	-6,679.14	-0.93	0.00	0.00	0.00	-1.30
		337	6,679.14	0.93	0.00	0.00	0.00	-0.57
	3	336	-15,780.97	-65.89	0.00	0.00	0.00	-171.18
		337	15,780.97	65.89	0.00	0.00	0.00	39.44
336	1	337	-9,101.82	-34.55	0.00	0.00	0.00	-40.01
		338	9,101.82	34.55	0.00	0.00	0.00	-29.04
	2	337	-6,679.14	-0.39	0.00	0.00	0.00	0.57
		338	6,679.14	0.39	0.00	0.00	0.00	-1.34
	3	337	-15,780.96	-34.94	0.00	0.00	0.00	-39.44
		338	15,780.96	34.94	0.00	0.00	0.00	-30.38
337	1	338	-9,101.82	-13.51	0.00	0.00	0.00	29.03
		339	9,101.82	13.51	0.00	0.00	0.00	-56.01
	2	338	-6,679.14	-0.05	0.00	0.00	0.00	1.34
		339	6,679.14	0.05	0.00	0.00	0.00	-1.45
	3	338	-15,780.96	-13.57	0.00	0.00	0.00	30.38
		339	15,780.96	13.57	0.00	0.00	0.00	-57.46
338	1	339	-9,101.82	-0.97	0.00	0.00	0.00	56.01
		340	9,101.82	0.97	0.00	0.00	0.00	-57.90
	2	339	-6,679.14	0.12	0.00	0.00	0.00	1.45
		340	6,679.14	-0.12	0.00	0.00	0.00	-1.22
	3	339	-15,780.96	-0.85	0.00	0.00	0.00	57.46
		340	15,780.96	0.85	0.00	0.00	0.00	-59.12
339	1	340	-9,101.83	5.14	0.00	0.00	0.00	57.90
		341	9,101.83	-5.14	0.00	0.00	0.00	-47.59
	2	340	-6,679.14	0.17	0.00	0.00	0.00	1.22
		341	6,679.14	-0.17	0.00	0.00	0.00	-0.87
	3	340	-15,780.97	5.31	0.00	0.00	0.00	59.12
		341	15,780.97	-5.31	0.00	0.00	0.00	-48.46
340	1	341	-9,101.83	7.03	0.00	0.00	0.00	47.59
		342	9,101.83	-7.03	0.00	0.00	0.00	-33.52
	2	341	-6,679.14	0.17	0.00	0.00	0.00	0.87
		342	6,679.14	-0.17	0.00	0.00	0.00	-0.54
	3	341	-15,780.97	7.20	0.00	0.00	0.00	48.46
		342	15,780.97	-7.20	0.00	0.00	0.00	-34.06
341	1	342	-9,101.82	6.56	0.00	0.00	0.00	33.52
		343	9,101.82	-6.56	0.00	0.00	0.00	-20.39
	2	342	-6,679.14	0.13	0.00	0.00	0.00	0.54
		343	6,679.14	-0.13	0.00	0.00	0.00	-0.28
	3	342	-15,780.96	6.69	0.00	0.00	0.00	34.06
		343	15,780.96	-6.69	0.00	0.00	0.00	-20.67
342	1	343	-9,101.83	5.07	0.00	0.00	0.00	20.39
		344	9,101.83	-5.07	0.00	0.00	0.00	-10.24
	2	343	-6,679.14	0.09	0.00	0.00	0.00	0.28
		344	6,679.14	-0.09	0.00	0.00	0.00	-0.10
	3	343	-15,780.97	5.16	0.00	0.00	0.00	20.67
		344	15,780.97	-5.16	0.00	0.00	0.00	-10.34
343	1	344	-9,101.82	3.39	0.00	0.00	0.00	10.24
		345	9,101.82	-3.39	0.00	0.00	0.00	-3.47
	2	344	-6,679.14	0.05	0.00	0.00	0.00	0.10
		345	6,679.14	-0.05	0.00	0.00	0.00	0.00
	3	344	-15,780.96	3.44	0.00	0.00	0.00	10.34
		345	15,780.96	-3.44	0.00	0.00	0.00	-3.47
344	1	345	-9,101.82	1.94	0.00	0.00	0.00	3.47
		346	9,101.82	-1.94	0.00	0.00	0.00	0.40
	2	345	-6,679.14	0.02	0.00	0.00	0.00	0.00
		346	6,679.14	-0.02	0.00	0.00	0.00	0.05
	3	345	-15,780.96	1.96	0.00	0.00	0.00	3.47
		346	15,780.96	-1.96	0.00	0.00	0.00	0.45
345	1	346	-9,101.83	0.88	0.00	0.00	0.00	-0.40
		347	9,101.83	-0.88	0.00	0.00	0.00	2.16
	2	346	-6,679.14	0.01	0.00	0.00	0.00	-0.05
		347	6,679.14	-0.01	0.00	0.00	0.00	0.06
	3	346	-15,780.97	0.89	0.00	0.00	0.00	-0.45
		347	15,780.97	-0.89	0.00	0.00	0.00	2.22

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

Job No. :	Designed by :	Checked by :	Date :					
			January 25, 2000					
346	1	347	-9,101.82	0.21	0.00	0.00	0.00	-2.16
		348	9,101.82	-0.21	0.00	0.00	0.00	2.58
	2	347	-6,679.14	0.00	0.00	0.00	0.00	-0.06
		348	6,679.14	0.00	0.00	0.00	0.00	0.06
	3	347	-15,780.96	0.21	0.00	0.00	0.00	-2.22
		348	15,780.96	-0.21	0.00	0.00	0.00	2.64
347	1	348	-9,101.83	-0.14	0.00	0.00	0.00	-2.58
		349	9,101.83	0.14	0.00	0.00	0.00	2.29
	2	348	-6,679.14	-0.01	0.00	0.00	0.00	-0.06
		349	6,679.14	0.01	0.00	0.00	0.00	0.04
	3	348	-15,780.97	-0.15	0.00	0.00	0.00	-2.64
		349	15,780.97	0.15	0.00	0.00	0.00	2.33
348	1	349	-9,101.83	-0.28	0.00	0.00	0.00	-2.29
		350	9,101.83	0.28	0.00	0.00	0.00	1.72
	2	349	-6,679.14	-0.01	0.00	0.00	0.00	-0.04
		350	6,679.14	0.01	0.00	0.00	0.00	0.03
	3	349	-15,780.97	-0.29	0.00	0.00	0.00	-2.33
		350	15,780.97	0.29	0.00	0.00	0.00	1.73
349	1	350	-9,101.83	-0.30	0.00	0.00	0.00	-1.72
		351	9,101.83	0.30	0.00	0.00	0.00	1.12
	2	350	-6,679.14	-0.01	0.00	0.00	0.00	-0.03
		351	6,679.14	0.01	0.00	0.00	0.00	0.02
	3	350	-15,780.97	-0.30	0.00	0.00	0.00	-1.73
		351	15,780.97	0.30	0.00	0.00	0.00	1.14
350	1	351	-9,101.83	-0.25	0.00	0.00	0.00	-1.12
		352	9,101.83	0.25	0.00	0.00	0.00	0.61
	2	351	-6,679.14	0.00	0.00	0.00	0.00	-0.02
		352	6,679.14	0.00	0.00	0.00	0.00	0.01
	3	351	-15,780.97	-0.26	0.00	0.00	0.00	-1.14
		352	15,780.97	0.26	0.00	0.00	0.00	0.62
351	1	352	-9,101.83	-0.20	0.00	0.00	0.00	-0.61
		353	9,101.83	0.20	0.00	0.00	0.00	0.22
	2	352	-6,679.14	0.00	0.00	0.00	0.00	-0.01
		353	6,679.14	0.00	0.00	0.00	0.00	0.00
	3	352	-15,780.97	-0.20	0.00	0.00	0.00	-0.62
		353	15,780.97	0.20	0.00	0.00	0.00	0.22
352	1	353	-9,101.83	-0.15	0.00	0.00	0.00	-0.22
		354	9,101.83	0.15	0.00	0.00	0.00	-0.09
	2	353	-6,679.14	0.00	0.00	0.00	0.00	0.00
		354	6,679.14	0.00	0.00	0.00	0.00	0.00
	3	353	-15,780.97	-0.16	0.00	0.00	0.00	-0.22
		354	15,780.97	0.16	0.00	0.00	0.00	-0.09
353	1	354	-9,101.83	-0.13	0.00	0.00	0.00	0.09
		332	9,101.83	0.13	0.00	0.00	0.00	-0.35
	2	354	-6,679.14	0.00	0.00	0.00	0.00	0.00
		332	6,679.14	0.00	0.00	0.00	0.00	-0.01
	3	354	-15,780.97	-0.13	0.00	0.00	0.00	0.09
		332	15,780.97	0.13	0.00	0.00	0.00	-0.35
354	1	332	-9,101.83	-0.12	0.00	0.00	0.00	0.35
		355	9,101.83	0.12	0.00	0.00	0.00	-0.53
	2	332	-6,679.14	0.00	0.00	0.00	0.00	0.01
		355	6,679.14	0.00	0.00	0.00	0.00	-0.01
	3	332	-15,780.97	-0.13	0.00	0.00	0.00	0.35
		355	15,780.97	0.13	0.00	0.00	0.00	-0.54