

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (1/9)

No.		1	2	3	4	3	9	7	æ	6	10
District		Dhaka	Dhaka	Dhaka	Dhaka	Dhaka	Gazipur	Gazipur	Munshigonj	Munshigonj	Munshigonj
Number of Bridges	ES .	1	, 2	3	4	5	-	2	1	2	3
Bridge Code		01-01-01	01-01-02	01-01-03	01-02-01	01-04-01	02-00-03	02-02-02	03-01-01	03-02-01	03-03-01
Thana		Savar	Savar	Savar	Dhamrai	Nawabgonj	Sadar	Kaligonj	Sadar	Shirajdikhan	Gazaria
Hydrological Zone	٠	River	River	River	River	Catchment	Catchment	River	Catchment	Catchment	River
Bridge Length (m)	0	50	100	120	06	75	50	09	40	08	100
Span Length (m)		25+25	25+25+25+25	6@20	20+25+25+20	25+25+25	25+25	20+20+20	20+20	20+20+20+20	25+25+25+25
Navigation Clearance (m)	ance (m)	2.5	1.5	1.5	2.5	2.0	1.5	1.0	1.5	2.0	1.0
N.H.W.L (m)	Vocal)	4.7	6.5	3.7	5.3	3.6	5.4	5.2	4.2	5.3	4.5
H.W.L (m) Existing Maximum	m Triest	6.7	7.5	4.7	6.7	5.2	6.2	6.0	5.2	6.5	6.5
(50 Years Keturn Period Floods) Bridge Height (m)	Feriod Floods)	8.6	9.6	8.9	8.6	7.8	8.3	7.6	7.3	9.1	8.1
Approach Height (m)	(m) Right	2.8 (9.6)	0.9 (3.0)	3.2 (4.0)	1.5 (5.6)	1.5 (4.0)	2.5 (5.0)	3.4 (6.0)	2.0 (4.9)	2.0 (5.6)	2.7 (8.8)
(Abutment Height)	it) Left	2.6 (9.0)	3.0 (7.5)	1.2 (5.5)	1.5 (5.6)	0.0 (5.0)	2.3 (5.0)	3.0 (5.0)	2.0 (4.9)	0.5 (5.6)	2.0 (4.6)
Pier Height (m)		7.7	7.8	3.2	5.2	7.6	9.2	6.9	5.8	7.4	7.9
Geological Zone	(1)	NW-2	NW-2	NW-2	NW-2	NW-3	NW-2	NW-2	NW-3	NW-3	NW-3
1				Sand		Sand 13 5		Sand 12			
(sə	h (m)			20		25		23			
				Sand		Sand		Sand 13.3			
olos gni gni	h (m)			30		25		20			
_ـــــــــــــــــــــــــــــــــــــ				Sand				-			
р ВН-3				14							
Pile Length (m)	N-value	15.0	15.0	15.0	15.0	10.0	15.0	15.0	16.0	16.0	16.0
Remarks		Pile Bent	Pile Bent		Pile Bent		,	Pile Bent	Pile Bent		Pile Bent
Selection		OK	OK	0K	OK	OK	OK	OK	OK	OK	OK

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (2/9)

No.		11	12	13	14	15	16	17	18	19	20
District		Munshigonj	Munshigonj	Munshigonj	Habigonj	Habigonj	Habigonj	Habigonj	Habigonj	Moulvibazar	Moulvibazar
Number of Bridges	ges	4	5	9		2	3	4	5		2
Bridge Code		03-03-02	03-05-01	03-06-01	04-00-01	04-02-01	04-04-01	04-04-02	04-06-01	05-01-01	05-01-02
Thana		Gazaria	Lohajang	Sreenagar	Bahubal	Madhabpur	Nabigonj	Nabigonj	Azmirigonj	Komolgonj	Komolgonj
Hydrological Zone	ne	River	River	River	River	Catchment	Catchment	River	Catchment	River	River
Bridge Length (m)	n)	08	50	35	30	75	99	06	40	75	09
Span Length (m)		20+20+20+20	25+25	15+20	15+15	25+25+25	20+25+20	20+25+25+20	20+20	25+25+25	20+20+20
Navigation Clearance (m)	rance (m)	1.0	1.5	1.0	1.0	2.0	2.0	1.5	1.5	1.5	1.0
N.H.W.L (m) (Return Period One Year))ne Year)	4.0	3.9	4.0	2.7	2.9	4.5	4.9	4.5	2.0	3.0
H. W. L. (m) Existing Maximum (50 Years Return Period Floods)	ım ı Period Floods)	5.0	7.2	5.0	6.4	3.7	9.9	0.9	5.6	5.2	4.8
Bridge Height (m)	(1	9.9	9.3	9.9	8.0	6.3	9.2	8.1	7.7	7.3	6.4
Approach Height (m)	t (m) Right	1.0 (3.5)	2.0 (5.0)	1.5 (3.7)	2.6 (4.9)	2.5 (6.7)	2.5 (5.7)	0.0 (5.6)	1.5 (4.9)	1.5 (4.9)	0.7 (3.9)
(Abutment Height)	nt) Left	0.6 (3.0)	2.2 (6.0)	1.5 (4.9)	2.5 (4.9)	1.0 (4.9)	2.5 (5.7)	1.3 (5.6)	1.7 (4.9)	3.2 (4.9)	2.0 (3.9)
Pier Height (m) (Maximum Height)	ıt)	7.8	9.0	6.5	9.5	7.3	8.6	11.7	8.2	13.0	8.2
Geological Zone		NW-3	NW-3	NW-3	NE-2	NE-2	NE-2	NE-2	NE-2	NE-1	NE-1
		Sand						Sand		Sand	
s) BH-1		16						16.5		Julian 10	
ojo Ž	N-value	34						25		30	
Solog BH-2	1	Saliu 16						Sand		Sand	
	·	35						37		10	
L								17		788	
BH-3											
Pile Length (m)	N-value	10.0	14.0	13.0	15.0	15.0	000				
			0.1.4	0.61	D'CT	13.0	13.0	14.0	13.0	7.0	13.0
Remarks		Pile Bent						Pile Bent			
Selection		ОК	OK	OK	OK	OK	OK	OK	OK	OK	OK

d Lates

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (3/9)

No.		21	22	23	24	25	26	27	28	29	30
District		Moulvibazar	Moulvibazar	Moulvibazar	Chandpur	Chandpur	Chandpur	Chandpur	Chandpur	Chandpur	B. Baria
Number of Bridges	dges	3	4	5	-	2	3	4	5	9	1
Bridge Code		05-03-02	05-04-01	05-05-01	06-01-02	06-02-01	06-03-02	06-04-01	06-06-01	06-06-02	07-01-01
Thana		Sreemangol	Barlekha	Rajnagar	Sadar	Faridgonj	Kachua	Matlab	Shahrasti	Shahrasti	Akhaura
Hydrological Zone	one	River	River	Catchment	Catchment	Catchment	Catchment	Catchment	Catchment	River	Catchment
Bridge Length (m)	(m)	40	45	25	25	50	20	20	20	130	25
Span Length (m)	(u	20+20	15+15+15	25	25	25+25	20	20	20	20+20+25	25
Navigation Clearance (m)	arance (m)	1.0	2.0	1.5	1.5	1.0	1.5	1.5	1.0	2.0	1.5
N.H.W.L (m) (Return Period One Year)	One Year)	9.0	4.1	3.4	4.7	1.3	3.0	0.9	3,4	5.2	2.7
H.W.L (m) Existing Maximum (50 Years Return P	H.W.L (m) Existing Maximum 50 Years Return Period Floods)	1.7	5.1	5.5	8.9	2.0	5.3	8.1	4.7	7.1	4.8
Bridge Height (m)	(m)	4.5	7.7	7.6	8.9	3.6	7.4	10.2	6.3	9.7	6.9
Approach Height (m)	ht (m) Right	1.0 (4.9)	2.2 (4.9)	1.5 (6.0)	1.6 (4.8)	1.7 (4.9)	1.5 (4.8)	1.5 (6.0)	3.0 (7.0)	3.0 (5.5)	2.0 (6.6)
(Abutment Height)	ght) Left	1.3 (4.9)	2.0 (4.9)	1.2 (6.0)	2.1 (4.8)	2.0 (4.9)	1.5 (4.8)	1.0 (6.0)	2.5 (6.8)	2.2 (7.0)	2.5 (7.5)
Pier Height (m) (Maximum Height)	ght)	4.9	10.0		1	8.9			1 6 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	8.0	
Geological Zone	٠	NE-1	NE-1	NE-1	SE-2	SE-2	SE-2	SE-2	SE-2	SE-2	SE-4
BH-1					Sand 16						
ojes	N-value				35						
olog g H	.2 h (m)				Sand 17						
Ge rin	N-value				31						
(Bo	Sort										
Pile Length (m)		8.0	13.0	10.0	5.0	14.0	12.0	10.0	10.0	16.0	5.0
Remarks					Pile Bent			Pile Bent		Pile Bent	
Selection		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (4/9)

Żo.		31	32	33	34	35	36	37	38	39	40
10,100											
District		B. Baria	B. Baria	B. Baria	B. Baria	B. Baria	B. Baria				
Number of Bridges	idges	2	3	4	5	9	7	8	6	10	11
Bridge Code		07-03-01	07-03-02	07-04-01	07-04-02	07-05-01	07-05-02	07-05-03	07-06-01	07-06-02	02-06-03
Thana		Nabinagar	Nabinagar	Sarail	Sarail	Bancharampur	Bancharampur	Bancharampur	Nasirnagar	Nasirnagar	Nasirnagar
Hydrological Zone	Zone	Catchment	Catchment	Catchment	Catchment	Catchment	River	Catchment	River	Catchment	Catchment
Bridge Length (m)	(m)	25	35	45	40	25	75	40	09	09	75
Span Length (m)	m)	25	15+20	15+15+15	20+20	25	25+25+25	20+20	20+20+20	20+20+20	25+25+25
Navigation Clearance (m)	sarance (m)	1.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
N.H.W.L (m) (Return Period One Year)	One Vear	3.3	3.8	3.3	3.2	3.3	5.9	3.3	4.1	4.6	2.0
H.W.L (m) Existing Maximum (50 Years Return P	H.W.L (m) Existing Maximum (50 Years Return Period Floods)	5.4	5.9	5.4	5.3	5.4	4.1	5.4	5.1	6.7	4.1
Bridge Height (m)	(m)	7.5	8.5	7.5	7.4	7.5	6.2	7.5	7.2	8.8	6.2
Approach Height (m)	ght (m) Right	0.5 (4.8)	2.4 (4.8)	1.7 (4.8)	2.0 (6.2)	0.9 (6.4)	5.0 (6.8)	2.8 (4.8)	2.0 (4.8)	2.8 (4.8)	1.4 (4.2)
(Abutment Height)	ight) Left	0.7 (4.8)	2.4 (4.8)	1.5 (4.8)	1.5 (4.8)	1.4 (4.8)	6.5 (8.9)	2.0 (4.8)	1.5 (4.8)	2.8 (6.5)	0.0 (4.8)
Pier Height (m)	ı) ight)		9.4	6.9	8.0	B B 2 9 7	10.0	5.7	7.8	11.3	6.5
Geological Zone	16	NE-4	NE-4	NE-3	NE-3	NE-4	NE-4	NE-4	NE-3	NE-3	NE-3
BH-1	Sort I-1 h (m)						Sand 8.0			Sand 13	
(səle	_						36			18	
PН							Sand			Sand	
los; gni SH-2	l-2 h (m)						10			18	
30L C	Sort									2	
BH-3	1 1						-				
Pile Length (m)	N-value	5.0	8.0	11.0	12.0	0.6	7.0	12.0	15.0	8.5	15.0
Remarks							Height of the embankment for approach road will be more than 5.0m Pile Bent			Pile Bent	
Selection		OK	OK	OK	0K	OK	NO	OK	0K	OK	OK

.

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (5/9)

No.			41	42	43	44	45	46	47	48	49	20
District			B. Baria	B. Baria	Comilla	Comilla	Noakhali	Noakhali	Noakhali	Noakhali	Laxmipur	Laxmipur
Number of Bridges	Bridges		12	13	1	2	1	2	3	4		2
Bridge Code	e		07-06-04	07-07-02	08-01-02	08-02-01	09-01-01	09-01-02	09-02-02	09-03-01	10-01-01	10-01-02
Thana		-	Nasirnagar	Sadar	Chaddogram	Chandina	Sadar	Sadar	Chattkhill	Companigonj	Sadar	Sadar
Hydrological Zone	al Zone		Catchment	River	River	River	Catchment	River	Catchment	River	River	River
Bridge Length (m)	gth (m)		50	25	100	25	45	06	15	80	09	45
Span Length (m)	h (m)		25+25	25	25+25+25+25	25	15+15+15	20+25+25+20	15	20+20+20+20	20+20+20	15+15+15
Navigation (Navigation Clearance (m)	(iii	1.5	1.5	1.5	1.5	1.0	2.0	1.0	2.5	1.0	1.0
N.H.W.L (m) (Return Peric	N.H.W.L (m) (Return Period One Year)	ar)	1.6	4.9	2.7	3.9	3.4	2.2	3.1	1.9	5.6	3.7
H.W.L (m) Existing Maximum (50 Years Return P	H.W.L (m) Existing Maximum (50 Years Return Period Floods)	J Floods)	3.7	6.4	4.9	4.9	4.7	4.2	4.4	5.5	6.2	6.5
Bridge Height (m)	tht (m)		5.8	8.5	7.0	7.0	6.3	6.8	6.0	9.8	7.8	8.1
Approach Height (m)		Right	2.7 (4.9)	1.3 (4.8)	1.9 (4.9)	2.5 (6.8)	0.7 (4.9)	2.8 (5.6)	1.2 (4.8)	1.5 (5.6)	1.6 (4.9)	0.5 (4.9)
(Abutment Height)	Height)	Left	1.8 (4.9)	0.3 (4.8)	0.6 (4.9)	1.8 (7.9)	1.5 (4.9)	2.8 (5.6)	1.2 (4.8)	1.7 (5.6)	1.2 (4.9)	1.0 (4.9)
Pier Height (m) (Maximum Heig	(m) Height)		8.9		3.9	1	3.5	5.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.5	7.4	5.9
Geological Zone	Zone		NE-3	NE-4	SE-1	SE-2	SE-1	SE-1	SE-1	SE-1	SE-1	SE-1
 	BH-1	Sort h (m)										
Səle		N-value										
—		Sort										
	BH-2	h (m)										
L gor C	2 3	Sort										
	BH-3	h (m)										
Pile Length (m)		N-value	15.0	0.9	18.0	12.0	12.0	13.0	11.0		11.0	11.0
Remarks					Pile Bent			Pile Bent	Newly foot bridge (width=1.8m) recently constructed		Pile Bent	Pile Bent
Selection			OK	OK	OK	OK	OK	OK	ON	OK	OK	OK

(6/9) Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY

Higher of Profiles Lanager Remark <	Š.		51	52	53	54	55	26	57	58	59	09
1	District		Laxmipur	Laxmipur	Laxmipur	Laxmipur	Laxmipur	Narshingdi	Narshingdi	Narshingdi	Narshingdi	Narshingdi
1000.043 1000.041 1040243 1040244 1040244 1040301 1140101 1140140 1140140 1140201 11	Number of Bridge	es	e.	4	S	9	7	1	2	3	4	5
Sicilar Sindar Monobinidi	Bridge Code		10-01-03	10-02-01	10-02-03	10-02-04	10-03-01	11-01-01	11-01-02	11-01-07	11-02-01	11-02-04
River Citchment Citchment River River Citchment River	Thana		Sadar	Ramgonj	Ramgonj	Ramgonj	Ramgoti	Sadar	Sadar	Sadar	Monohardi	Monohardi
Sept. Sep	Hydrological Zon	a a	River	Catchment	Catchment	Catchment	River	Catchment	River	River	Catchment	Catchment
Section 15+15+15 20 15+15 20 20+20+20+20 20+25+20 25 25+25+25 25 25 25 25 2	Bridge Length (m	()	45	20	30	20	08	40	99	25	75	30
The column 1.0 1.5 1.0 1.0 1.0 1.5 2.0	Span Length (m)		15+15+15	20	15+15	20	20+20+20+20	20+20	20+25+20	25	25+25+25	15+15
Harmonia 4.3 3.1 2.9 2.8 1.8 2.2 4.3 5.3 1.8	Navigation Cleara	ınce (m)	1.0	1.5	1.0	1.0	1.0	1.5	2.0	2.0	2.0	1.0
Thick Fig.	N.H.W.L (m) (Return Period Or	ne Vear)	4.3	3.1	2.9	2.8	1.8	2.2	4.3	5.3	1.8	1.9
Right 2.0(4.9) 2.0(4.9) 1.2(4.8) 1.0(4.8) 1	H.W.L (m) Existing Maximun (50 Years Return)	n Period Floods)	7.4	4.4	4.2	4.1	3.1	3.3	7.0	6.8	3.0	3.1
Right	Bridge Height (m)	(0.6	6.5	5.8	5.7	4.7	5.4	9.6	9.4	5.6	4.7
Left 2.0(4.9) 1.0(4.9) 0.0(4.8) 1.5(4.8) 1.5(4.8) 1.5(4.8) 1.5(4.8) 3.3(7.0) 3.0(5.5)	Approach Height		2.0 (4.9)	2.0 (4.9)	1.2 (4.8)	1.6 (4.8)	1.0 (5.5)	2.0 (4.8)	2.0 (4.8)	3.5 (7.0)	0.3 (4.8)	0.0 (4.8)
SE-1 SE-1 SE-1 SE-1 SE-1 SE-1 SE-1 NW-1	(Abutment Height	!	2.0 (4.9)	1.0 (4.9)	0.0 (4.8)	1.5 (4.8)	1.8 (5.5)	1.7 (4.8)	1.5 (4.8)	3.3 (7.0)	3.0 (5.5)	1.0 (4.8)
Sort Net.1 SE-1 SE-1 NW-1 NW-1 NW-1 NW-1 NW-1 h (m) h (m) 11 <td< th=""><th>Pier Height (m) (Maximum Height</th><th>(1)</th><th>5.5</th><th></th><th>6.2</th><th>1</th><th>6.5</th><th>8.9</th><th>7.0</th><th></th><th>6.7</th><th>5.7</th></td<>	Pier Height (m) (Maximum Height	(1)	5.5		6.2	1	6.5	8.9	7.0		6.7	5.7
Hath Sort Line	Geological Zone		SE-1	SE-1	SE-1	SE-1	SE-1	NW-1	NW-1	NW-1	NW-1	NW-1
Nivature Nivature		Sort					Sand					
BH-2 h (m) h (m) b (m) Sand b (m) Sand b (m) A rable A rable <th></th> <th>h (m) N-value</th> <th></th> <th></th> <th></th> <th></th> <th>30</th> <th></th> <th></th> <th></th> <th></th> <th></th>		h (m) N-value					30					
Hate h (m) 14 Hate H	_	Sort					Sand					
BH-3 Limbor Lim		h (m)					14					
BH-3 h (m)	gor.	Sort										
th (m) 11.0 11.0 10.0 8.0 9.0 11.0 9.0 Pile Bent		h (m)										
Pile Bent Pile Bent Pile Bent Pile Bent Pile Bent OK	Pile Length (m)	iv-vaiue	11.0	11.0	10.0	10.0	8.0	9.0	11.0	11.0	9.0	10.0
OK OK OK OK OK OK OK	Domarke		Pile Bent	Pile Bent	Pile Rent	Pile Bent			Pile Rent			
OK OK OK OK OK OK OK OK	CCHIAIRS											
	Selection		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (7/9)

No.			19	62	63	2	99	99	29	89	69	10
District			Narshingdi	Faridpur	Faridpur	Faridpur	Faridpur	Faridpur	Chittagong	Chittagong	Chittagong	Chittagong
Number of Bridges	Bridges		9	1	2	3	4	5	1	2	3 6	4
Bridge Code	- e		11-03-01	12-01-02	12-02-01	12-02-02	12-04-01	12-05-01	13-01-01	13-01-02	13-01-03	13-02-01
Thana			Shibpur	Alfadhanga	Boalmari	Boalmari	Sadarpur	Char Bhadrason	Anowara	Anowara	Anowara	Banshkhali
Hydrological Zone	al Zone		River	Catchment	River	River	River	River	River	River	River	River
Bridge Length (m)	gth (m)		100	20	75	75	99	25	25	20	25	100
Span Length (m)	(m)		25+25+25+25	25+25	25+25+25	25+25+25	20+25+20	25	25	25+25	25	25+25+25+25
Navigation	Navigation Clearance (m)	(m)	2.0	1.0	1.5	2.0	1.0	2.0	2.5	2.5	2.0	2.5
N.H.W.L (m) (Return Perio	N.H.W.L (m) (Return Period One Year)	'ar)	4.7	3.5	6.3	4.0	7.5	2.9	2.3	1.0	1.2	4.3
H.W.L (m) Existing Maximum	H.W.L (m) Existing Maximum	of Floods)	6.4	4.3	8.8	5.0	8.0	4.1	3.3	2.8	2.4	6.0
	ght (m)	ou ricous)	9.0	5.9	10.9	7.6	9.6	6.7	6.4	5.9	5.0	9.1
Approach Height (m)	leight (m)	Right	3.3 (6.7)	0.5 (5.0)	2.8 (4.8)	0.7 (4.8)	0.0 (4.8)	1.0 (4.8)	2.2 (4.8)	2.0 (4.8)	1.0 (4.8)	2.6 (4.8)
(Abutment Height)	Height)	Left	3.3 (6.7)	0.0 (5.0)	2.8 (4.8)	0.0 (4.8)	0.0 (4.8)	1.8 (4.8)	2.0 (4.8)	1.0 (4.8)	0.6 (4.8)	3.0 (4.8)
Pier Height (m) (Maximum Height)	(m) Height)		7.6	5.8	9.5	6.7	9.0			8.4		8.3
Geological Zone	Zone		NW-1	NW-4	NW-4	NW-4	NW-4	NW-4	EH-1	EH-1	EH-1	EH-1
		Sort	Clay		Sand							Sand
(sə	1-H9	h (m) N-value	11		12							12
1		Sort	Clay/Sand		Sand							Sand
	BH-2	h (m)	12		10							13
Gerii		N-value	20		20							15
	RH-3	b (m)	-									
		N-value										
Pile Length (m)			7.0	12.0	7.0	12.0	12.0	10.0	10.0	13.0	11.0	10.5
Remarks			Pile Bent	Pile Bent	Pile Bent	Pile Bent	Pile Bent	Pile Bent	Pile Bent			Pile Bent
Selection			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
					Т							

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (8/9)

		-								
No.	11	72	73	74	75	76	77	78	79	80
District	Chittagong	Chittagong	Cox's Bazar	Kishoregonj	Kishoregonj	Kishoregonj	Kishoregonj	Kishoregonj	Kishoregonj	Manikgonj
Number of Bridges	5	9		-	2	3	4	5	9	1
Bridge Code	13-02-02	13-02-03	14-01-01	15-01-01	15-01-02	15-01-03	15-02-01	15-03-01	15-03-02	16-01-01
Thana	Banshkhali	Banshkhali	Chokoria	Kuliarchar	Kuliarchar	Kuliarchar	Karimgonj	Bajitpur	Bajitpur	Daulatpur
Hydrological Zone	River	Catchment	River	Catchment	Catchment	Catchment	Catchment	Catchment	River	Catchment
Bridge Length (m)	99	30	99	125	30	25	45	30	06	40
Span Length (m)	20+25+20	15+15	20+25+20	25+25+25+25+25	15+15	25	15+15+15	15+15	20+25+25+20	20+20
Navigation Clearance (m)	2.5	1.0	1.0	2.0	1.5	1.5	1.0	1.5	2.0	1.0
N.H.W.L (m) (Return Period One Year)	5.3	1.6	1.0	4.1	2.5	2.8	2.4	2.6	3.9	0.6
H.W.L (m) Existing Maximum (50 Years Return Period Floods)	5.8 Joods)	3.7	2.4	6.2	4.6	5.0	4.5	4.7	6.7	11.3
1	8.9	5.3	4.0	8.8	6.7	7.1	6.1	6.8	9.3	12.9
Approach Height (m) Ri	Right 2.3 (4.8)	1.3 (4.8)	1.6 (4.8)	1.2 (8.3)	1.0 (5.5)	3.2 (7.1)	0.9 (4.8)	0.8 (4.8)	2.2 (5.6)	1.5 (6.5)
(Abutment Height) L	Left 2.0 (4.8)	3.0 (4.8)	1.2 (4.8)	2.0 (6.0)	1.5 (4.8)	2.7 (7.1)	0.9 (4.8)	0.6 (4.8)	2.0 (5.6)	0.8 (8.3)
Pier Height (m) (Maximum Height)	6.5	5.7	5.7	7.0	7.2		7.5	9.9	9.0	6.6
Geological Zone	EH-1	EH-1	EH-1	NE-4	NE-4	NE-4	NE-4	NE-4	NE-4	NW-3
	05			Sand						Sand
BH-1	h (m) 12			11						12
	S and			Clay, Silt						Sand
BH-2				11						13.3
Geine Geine	N-value 15			31 Sand						07
BH-3				13						1
٠	пе			35	The second secon					
Pile Length (m)	28.0	12.0	11.0	13.0	. 9.0	12.0	10.0	9.0	10.0	15.0
Remarks	Pile Bent			Pile Bent						
Selection	OK	OK	0K	0 K	OK	OK	OK	OK	OK	OK

Scheeted Bridge

Table 2.3.2-2 FINAL SELECTION OF BRIDGES FOR 2ND SURVEY (9/9)

No.			81	82	83	84	85	98	87	88	68	06
District			Manikgonj	Manikgonj								
Number of Bridges	ridges		2	3								
Bridge Code			16-01-02	16-01-03								
Thana			Daulatpur	Daulatpur								
Hydrological Zone	Zone		River	River								
Bridge Length (m)	h (m)		40	100								
Span Length (m)	(E)		20+20	25+25+25+25								
Navigation Clearance (m)	learance (1	(iii	2.0	2.0								
N.H.W.L (m) (Return Period One Year)	d One Yea	ar)	3.5	6.5								
H.W.L (m) Existing Maximum (50 Years Return Period Floods)	mum urn Period	d Floods)	4.6	8.2								
Bridge Height (m)	t (m)		7.2	10.8								
Approach Height (m)	ight (m)	Right	2.5 (6.5)	2.0 (4.9)								
(Abutment Height)	eight)	Left	2.3 (5.5)	2.5 (4.9)								
Pier Height (m) (Maximum Height)	n) eight)		6.3	9.5								-
Geological Zone	ne		NW-3	NW-3								
-	RH.1	Sort h (m)		Sand 14								
		N-value		23								
		Sort		Sand, Silt								
lost gni	BH-2	h (m)		15								
) 10g		Sort										
	BH-3	h (m)										
;		N-value	1									
Pile Length (m)	(ii	, 1	15.0	8.0								
Remarks			Pile Bent	Pile Bent								
• •												
Selection			OK	OK								
		T	77		A	T						