

Bridge and Road Specifications

Zone: Barisal		Division(Subdivision): Bhola		LRP: 3a		Chainage: 2.574 (km)	
1) Bridge Name/ no: 43_Bridge		2) Road Name: Borhanuddin-Manpura-sikdarhat Road		3) Date :04-12-2013		4) GPS Data: Lt.22°29'31.47" Lon.90°47'37.13"	
5) Road Category: Z-8905		6) Bridge Width: 5m Carriage Width: 6.40m		7) Bridge Type: Bailey with steel deck		8) Bridge length: 43.0m	
9) Bridge Span Arrangement: Single Span		10) Approach Road Width: 5.0m at east & 4.5 at west side		11) Sub structure information -Type:		12) River information: -Approx river width: 25.0m -Approx. river water level: 4.67m from deck -Approx. river depth: 5.50m from deck	
13) Year of Construction(if possible):		14) Load Limit(if possible):		-Approx. height:			

Scale: 1:1400

Name of Engineer/Surveyor: Azad

Surveyed by: SURVEY2000

Photo Sheet of the Bridge 1/3

APPENDIX 3-1

Zone : Barisal		Division (Sub-division) : Bhola		LRP : 3a		Chainage : 2.574 km	
1) Bridge Name : 43-Hakimuddin Bazar		2) Road Name : Borhanuddin To Sikdarhat		3) Date & Time : 04-12-2013 / 08:45am		4) GPS Data : Latitude: 22°29'31.47" Longitude: 90 ° 247' 37.13 "	

Photo of the Bridge

Photo ①

Photo ②

Photo ③

Photo ④

River flow

Photo ⑤

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Bhola	LRP : 3a	Chainage : 2.574 km
1) Bridge Name : 43-Hakimuddin Bazar	2) Road Name : Borhanuddin To Sikdarhat	3) Date & Time : 04-12-2013 / 08:45am	4) GPS Data : Latitude: 22°29'31.47" Longitude:90°247'37.13 "
Photo of the Bridge			
 <p>Photo ⑥</p>		 <p>Photo ⑦</p>	
 <p>Photo ⑨</p>		 <p>Photo ⑩</p>	
		 <p>Photo ⑪</p>	





Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/1)

Zone : Barisal		Division (Sub-division) : Bhola		LRP : 3a		Chainage : 2.574 km	
1) Bridge Name : 43-Hakimuddin Bazar		2) Road Name : Borhanuddin To Sikdarhat		3) Date & Time : 04-12-2013 / 08:45am		4) GPS Data : Latitude: 22°29'31.47" Longitude:90 ° 247' 37.13 "	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	Slab, Girder, Pier, Abutment, Railing	Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	/Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, /Missing bolt, Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, /Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others (Missing angle)	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others (whole)
							
Comments							

Bridge and Road Specifications

Zone: Barisal	Division(Subdivision): Pirojpur (Kawkhali)	LRP: 29a	Chainage: 29.41 km
1) Bridge Name/no: 44 - Mollah Bari Bridge	2) Road Name: Barguna - Mathbaria	3) Date : 26.11.2013.	4) GPS Data : Lat.22°18'37.024"Lon, 89°53'27.582"
5) Road Category: Z - 8814	6) Bridge Width: 3.2m Carriageway Width: 2.7m	7) Bridge Type: R.C.C Girder Bridge	8) Bridge length: 27.9m
9) Bridge Span Arrangement: Four Span	10) Approach Road Width: 3.3m	11) Sub structure information -Type: -Approx. height:	12) River information: -Approx river width: 15.0m -Approx. river water level: 4.2m from deck -Approx. river depth: 6.7m from deck
13) Year of Construction(if possible): 1974	14) Load Limit(if possible):		

Consultant: Oriental Consultants Co. Ltd.	Scale: 1:1400	Name of Engineer/Surveyor: Azad	Surveyed by: SURVEY2000
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Photo Sheet of the Bridge 1/3

APPENDIX 3-1

Zone : Barisal	Division (Sub-division) : Pirojpur Kawkhali	LRP : 29a	Chainage : 29.41 km
1) Bridge Name : 44_Mollah Bari Bridge	2) Road Name : Barjuna Baramasua	3) Date & Time : 26.11.2013 03:15 pm	4) GPS Data : Latitude 22°18'37.024" Longitude 89°53'27.582"
Photo of the Bridge			
<p style="text-align: center;">Photo ①</p>	<p style="text-align: center;">Photo ②</p>	<p style="text-align: center;">Photo ③</p>	
<p style="text-align: center;">Photo ④</p>		<p style="text-align: center;">Photo ⑤</p>	

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Pirojpur- Kawkhali	LRP : 29a	Chainage : 29.41 km
1) Bridge Name : 44_Mollah Bari Bridge	2) Road Name : Barjuna Baramasua	3) Date & Time : 26.11.2013 03:15 pm	4) GPS Data : Latitude 22° 18'37.024" Longitude 89° 53'27.582"
Photo of the Bridge			
			
			





Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/2)

Zone : Barisal		Division (Sub-division) : Pirojpur- Kawkhali		LRP : 29a		Chainage : 29.41 km	
1) Bridge Name : 44_Mollah Bari Bridge		2) Road Name : Barjuna Baramasua		3) Date & Time : 26.11.2013 03:15 pm		4) GPS Data : Latitude 22° 18'37.024" Longitude 89° 53'27.582"	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment, √Railing
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()			
							
Comments:							

Damage of the Bridge (2/2)

Zone : Barisal		Division (Sub-division) : Pirojpur- Kawkhali		LRP : 29a		Chainage : 29.41 km	
1) Bridge Name : 44_Mollah Bari Bridge		2) Road Name : Barjuna Baramasua		3) Date & Time : 26.11.2013 03:15 pm		4) GPS Data : Latitude 22°18'37.024" Longitude 89°53'27.582"	
Damage 5		Damage 6		Damage 7		Damage 8	
Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()
							
Comments:							

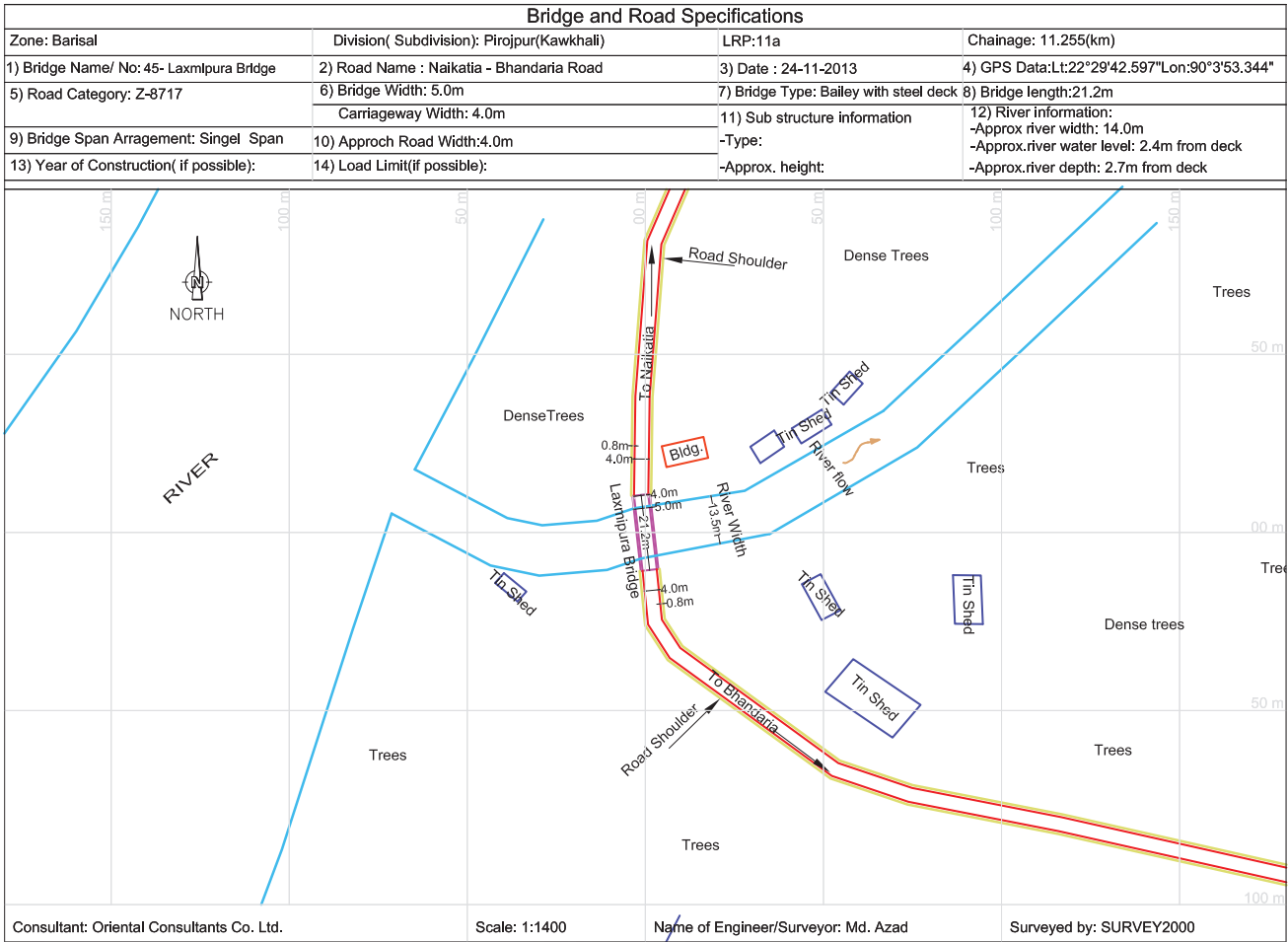


Photo Sheet of the Bridge 1/3

APPENDIX 3-1

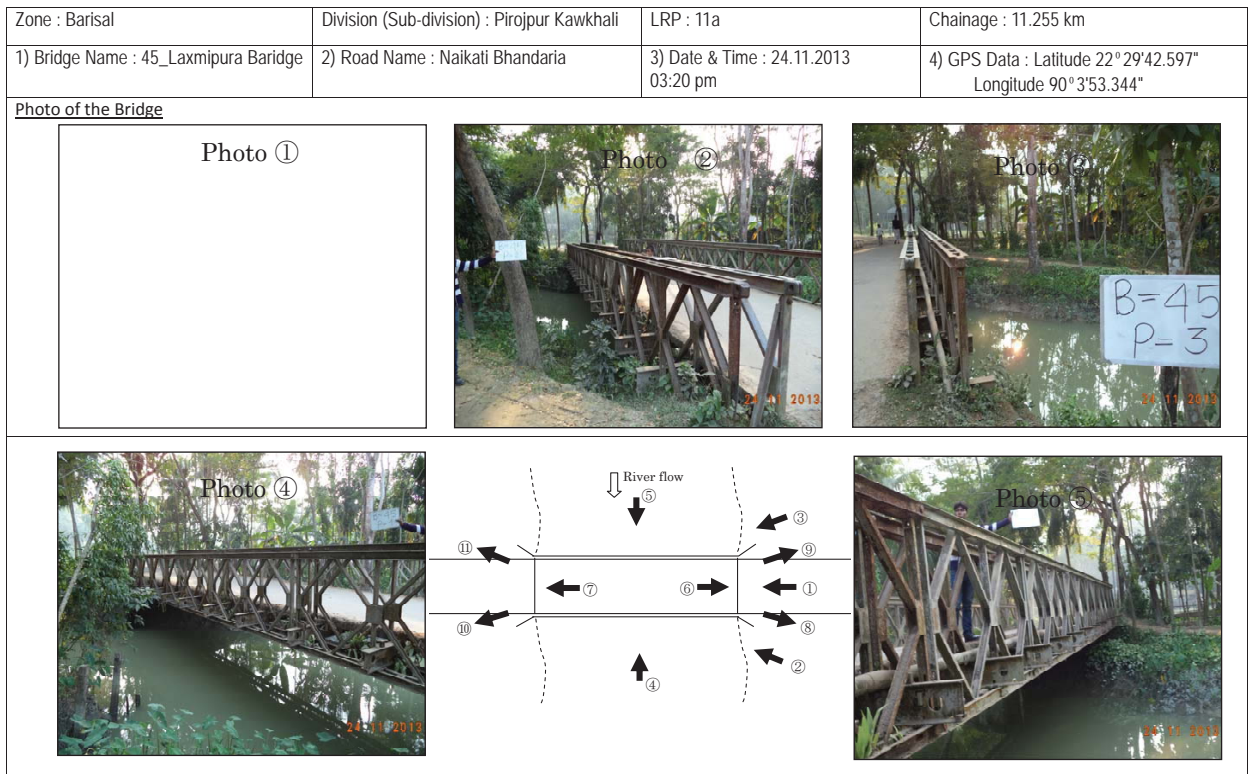


Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Pirojpur Kawkhali	LRP : 11a	Chainage : 11.255 km
1) Bridge Name : 45_Laxmipura Baridge	2) Road Name : Naikati Bhandaria	3) Date & Time : 24.11.2013 03:20 pm	4) GPS Data : Latitude 22° 29'42.597" Longitude 90° 3'53.344"
Photo of the Bridge			
			
			


Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/2)

Zone : Barisal		Division (Sub-division) : Pirojpur Kawkhali		LRP : 11a		Chainage : 11.255 km	
1) Bridge Name : 45_Laxmipura Baridge		2) Road Name : Naikati Bhandaria		3) Date & Time : 24.11.2013 03:20 pm		4) GPS Data : Latitude 22° 29'42.597" Longitude 90° 3'53.344"	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	Slab, Girder, Pier, Abutment	Damage Location	√Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, √Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()
							
Comments							

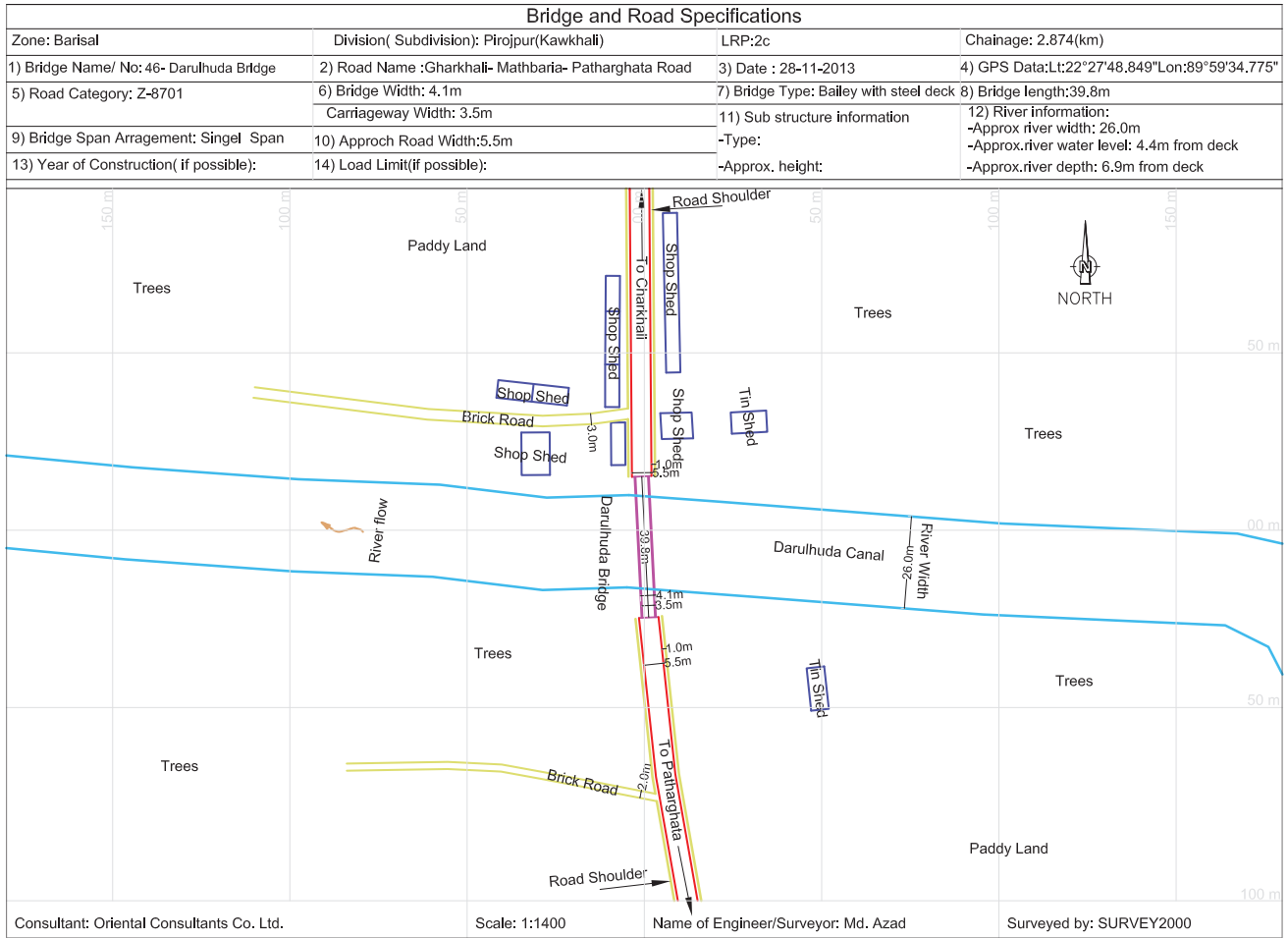


Photo Sheet of the Bridge 1/3

APPENDIX 3-1

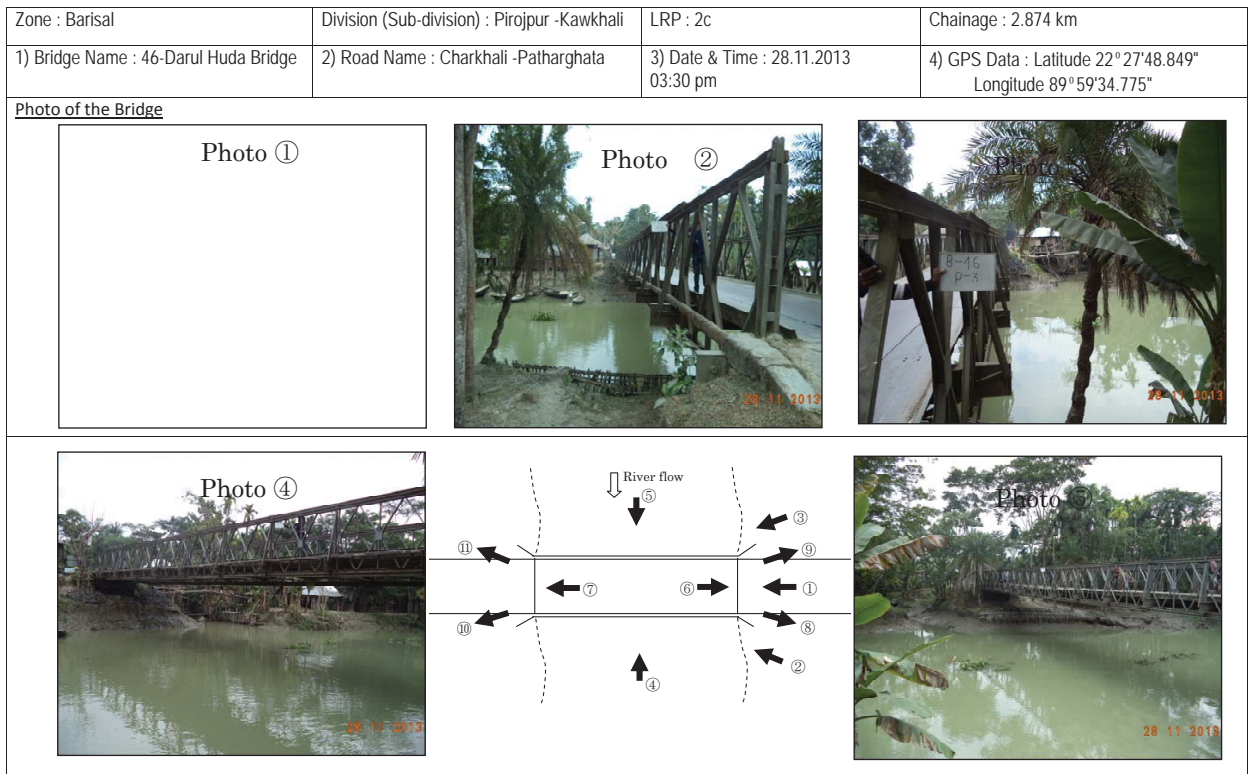


Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Pirojpur -Kawkhali	LRP : 2c	Chainage : 2.874 km
1) Bridge Name : 46-Darul Huda Bridge	2) Road Name : Charkhali -Patharghata	3) Date & Time : 28.11.2013 03:30 pm	4) GPS Data : Latitude 22° 27'48.849" Longitude 89° 59'34.775"
Photo of the Bridge			
			
			


Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/2)

Zone : Barisal		Division (Sub-division) : Pirojpur -Kawkhali		LRP : 2c		Chainage : 2.874 km	
1) Bridge Name : 46-Darul Huda Bridge		2) Road Name : Charkhali -Patharghata		3) Date & Time : 28.11.2013 03:30 pm		4) GPS Data : Latitude 22° 27'48.849" Longitude 89° 59'34.775"	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	Slab, Girder, Pier, Abutment, Railing	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()
							
Comments							

Bridge and Road Specifications

Zone: Barisal	Division(Subdivision):Barisal_Barisal-1	LRP: 138a	Chainage: 136.69 (km)
1) Bridge Name/ no: 47_bamrail Bridge	2) Road Name: Dhaka-Barisal-Patuakhali Road	3) Date :03-12-2013	4) GPS Data: Lt.22°53'19.064" Lon.90°13'20.172"
5) Road Category: Z-8	6) Bridge Width: 7.20m Carriage Width: 6.80m	7) Bridge Type: RCC Girder Bridge	8) Bridge length: 24.5m
9) Bridge Span Arrangement: Single Span	10) Approach Road Width: 7.00m	11) Sub structure information -Type: -Approx. height:	12) River information: -Approx river width: 18.0m -Approx. river water level: 5.0m from deck -Approx. river depth: 6.60m from deck
13) Year of Construction(if possible):	14) Load Limit(if possible):		

Consultant: Oriental Consultants Co. Ltd. Scale: 1:1400 Name of Engineer/Surveyor: Azad Surveyed by: SURVEY2000

Photo Sheet of the Bridge 1/3

APPENDIX 3-1

Zone : Barisal	Division (Sub-division) : Barisal -Barisal1	LRP : 138a	Chainage : 136.69 km
1) Bridge Name : 47_Bamrail Bridge	2) Road Name : Dhaka -Patuakhali	3) Date & Time : 05.12.2013_01:20 pm	4) GPS Data : Latitude 22°53'19.064" Longitude 90°15'27.95"
Photo of the Bridge			
			
			

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Barisal -Barisal1	LRP : 138a	Chainage : 136.69 km
1) Bridge Name : 47_Bamrail Bridge	2) Road Name : Dhaka -Patuakhali	3) Date & Time : 05.12.2013_01:20 pm	4) GPS Data : Latitude 22°53'19.064" Longitude 90°15'27.95"
Photo of the Bridge			
			
			



Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/1)

Zone : Barisal		Division (Sub-division) : Barisal -Barisal1		LRP : 138a		Chainage : 136.69 km		
1) Bridge Name : 47_Bamrail Bridge		2) Road Name : Dhaka -Patuakhali		3) Date & Time : 05.12.2013_01:20 pm		4) GPS Data : Latitude 22°53'19.064" Longitude 90°15'27.95"		
Damage 1		Damage 2		Damage 3		Damage 4		
Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type <u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()				
								
Comments								

Bridge and Road Specifications

Zone: Barisal	Division(Subdivision): Barisal (Barisal 1)	LRP: 127b	Chainage: 126.358 km
1) Bridge Name/ No:48- Gaynaghata bridge	2) Road Name: Dhaka - Patuakhali	3) Date : 04-12-2013	4)GPS Data: Lt: 22°58'29.143" Lon: 90°13'20.172"
5) Road Category: N - 8	6) Bridge Width: 7.2m Carriageway Width: 6.7m	7) Bridge Type: R.c.c Girder Bridge	8) Bridge length: 33.7m
9) Bridge Span Arrangement: Single Span	10) Approach Road Width: 6.2m	11) Sub structure information -Type: -Approx. height:	12) River information: -Approx river width: 6.0m -Approx. river water level: 6.5m from deck -Approx. river depth: 6.8m from deck
13) Year of Construction(if possible):	14) Load Limit(if possible):		

Consultant: Oriental Consultants Co. Ltd. Scale: 1:1400 Name of Engineer/Surveyor: Md. Tutul Surveyed by: SURVEY2000

Photo Sheet of the Bridge 1/3

APPENDIX 3-1

Zone : Barisal	Division (Sub-division) : Barisal-Barisal1	LRP : 127b	Chainage : 126.358 km
1) Bridge Name : 48_Gounagata Bridge	2) Road Name : Dakha-Patuakhali	3) Date & Time : 04.12.2013 12:10 pm	4) GPS Data : Latitude 22°58'29.143" Longitude 90°13'20.172"
Photo of the Bridge			

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Barisal-Barisal1	LRP : 127b	Chainage : 126.358 km
1) Bridge Name : 48_Gounagata Bridge	2) Road Name : Dakha-Patukhali	3) Date & Time : 04.12.2013 12:10 pm	4) GPS Data : Latitude 22°58'29.143" Longitude 90°13'20.172"
Photo of the Bridge			
			
			

Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/1)

Zone : Barisal		Division (Sub-division) : Barisal-Barisal1		LRP : 127b		Chainage : 126.358 km	
1) Bridge Name : 48_Gounagata Bridge		2) Road Name : Dakha-Patukhali		3) Date & Time : 04.12.2013 12:10 pm		4) GPS Data : Latitude 22°58'29.143" Longitude 90°13'20.172"	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment, √Railing	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, √Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()			
							
Comments:							

Bridge and Road Specifications

Zone: Barisal	Division(Subdivision): Barisal	LRP: 152c	Chainage: 150.977(km)
1) Bridge Name/ No: 49- Rahmatpur Bridge	2) Road Name : Dhaka- Barisal- Patuakhali Road	3) Date : 03-12-2013	4) GPS Data: Lt:22°47'23.188"Lon:90°17'58.776"
5) Road Category: N-8	6) Bridge Width: 7.1m Carriageway Width: 6.6m	7) Bridge Type: RCC Grider Bridge	8) Bridge length: 56.9m
9) Bridge Span Arrangement: Four Span	10) Approach Road Width: 6.7m	11) Sub structure information -Type: -Approx. height:	12) River information: -Approx river width: 21.4m -Approx. river water level: 6.9m from deck -Approx. river depth: 8.75m from deck
13) Year of Construction(if possible):	14) Load Limit(if possible):		

Consultant: Oriental Consultants Co. Ltd. Scale: 1:1400 Name of Engineer/Surveyor: Md. Azad Surveyed by: SURVEY2000

Photo Sheet of the Bridge 1/3

APPENDIX 3-1





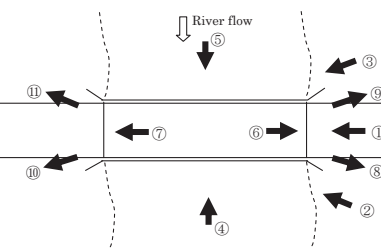

Zone : Barisal	Division (Sub-division) : Barisal-Barisal1	LRP : 152c	Chainage : 150.977 km
1) Bridge Name : 49_Rahmatpur Bridge	2) Road Name : Dhaka-Patuakhali	3) Date & Time : 03.12.2013 12:25 km	4) GPS Data : Latitude 22° 47'23.188" Longitude 90° 17'58.776"
Photo of the Bridge			
			
			

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Barisal-Barisal1	LRP : 152c	Chainage : 150.977 km
1) Bridge Name : 49_Rahamatpur Bridge	2) Road Name : Dhaka-Patuakhali	3) Date & Time : 03.12.2013 12:25 km	4) GPS Data : Latitude 22° 47'23.188" Longitude 90° 17'58.776"

Photo of the Bridge



Bridge and Road Specifications

Zone: Barisal	Division Bhola Char Fasson	LRP: 95c	Chainage: 95.725 km
1) Bridge Name/ no:50- Dakhinaisa Bazar	2) Road Name: Bhola Char Fasson Char Manika	3) Date : 30.11.2013.	4)GPS Data :Lat.22°2'43.204" Lon.90°40'36.755"
5) Road Category: R-890	6) Bridge Width:4.0m Carriageway Width: 3.6m	7)BridgeType:Bailey WithSteel Deck	8) Bridge length: 30.9m
9) Bridge Span Arrangement: Three Span	10) Approach Road Width: 4.6m	11) Sub structure information -Type: -Approx. height:	12) River information: -Approx river width: 20.0m -Approx.river water level: 2.80m from deck -Approx.river depth: 6.0m from deck
13) Year of Construction(if possible):	14) Load Limit(if possible):		

Consultant: Oriental Consultants Co. Ltd.	Scale: 1:1400	Name of Engineer/Surveyor: Md. Jashim Uddin	Surveyed by: SURVEY2000
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Photo Sheet of the Bridge 1/3

APPENDIX 3-1

Zone : Barisal	Division (Sub-division) : Bhola-Char Fasson	LRP : 95c	Chainage : 95.725 km
1) Bridge Name :50-Dakhinaisa Bazar Bridge	2) Road Name :Bhola-Patuakhali	3) Date & Time : 02-12-2013 07:45am	4) GPS Data : Latitude : 22 ° 2 ' 43.204 " Longitude : 90 ° 40 ' 36.755 "
Photo of the Bridge			
<p style="text-align: center;">Photo ①</p>	<p style="text-align: center;">Photo ②</p>	<p style="text-align: center;">Photo ③</p>	
<p style="text-align: center;">Photo ④</p>		<p style="text-align: center;">Photo ⑤</p>	

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Bhola-Char Fasson	LRP : 95c	Chainage : 95.725 km
1) Bridge Name :50-Dakhinai Bazar Bridge	2) Road Name :Bhola-Patuakhali	3) Date & Time : 02-12-2013 07:45am	4) GPS Data : Latitude: 22 ° 2 ' 43.204 " Longitude: 90 ° 40 ' 36.755 "
Photo of the Bridge			
			
			





Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/1)

Zone : Barisal		Division (Sub-division) : Bhola-Char Fasson		LRP : 95c		Chainage : 95.725 km	
1) Bridge Name :50-Dakhinai Bazar Bridge		2) Road Name :Bhola-Patuakhali		3) Date & Time : 02-12-2013 07:45am		4) GPS Data : Latitude: 22 ° 2 ' 43.204 " Longitude: 90 ° 40 ' 36.755 "	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment, /Railing
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, /Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, /Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, /Missing bolt, Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> /Corrosion, Missing bolt, Deformed section Others ()
							
Comments:							

Bridge and Road Specifications

Zone: Barisal	Division(Subdivision): Bhola	LRP: 83a	Chainage: 83.498 (km)
1) Bridge Name/ no: 51_Shoshibhobon bridge	2) Road Name: Bhola-CharManika Road	3) Date :29-12-2013	4) GPS Data: Lt.22°46'22.16"Lon.90°42'37.917"
5) Road Category: Z-890	6) Bridge Width: 4.20m Carriage Width: 3.80m	7) Bridge Type: Bailey With Steel Deck	8) Bridge length: 24.4m
9) Bridge Span Arrangement: Single Span	10) Approach Road Width: 5.00m	11) Sub structure information -Type:	12) River information: -Approx river width: 19.0m -Approx. river water level: 2.47m from deck -Approx. river depth: 7.33m from deck
13) Year of Construction(if possible):	14) Load Limit(if possible):	-Approx. height:	

Scale: 1:1400

Name of Engineer/Surveyor: Azad

Surveyed by: SURVEY2000

Photo Sheet of the Bridge 1/3

APPENDIX 3-1

Zone : Barisal	Division (Sub-division) : Bhola	LRP : 83a	Chainage : 83.498 km
1) Bridge Name :51-Sashibision Bazar	2) Road Name : Bhola-Char Manika	3) Date & Time : 02-12-2013 12:30pm	4) GPS Data : Latitude : 22 ° 6 ' 23.998 " Longitude : 90 ° 42 ' 37.917 "
Photo of the Bridge			
<p style="text-align: center;">Photo ①</p>	<p style="text-align: center;">Photo ②</p>	<p style="text-align: center;">Photo ③</p>	
<p style="text-align: center;">Photo ④</p>		<p style="text-align: center;">Photo ⑤</p>	

Photo Sheet of the Bridge 2/3

APPENDIX 3-2



Zone : Barisal	Division (Sub-division) : Bhola	LRP : 83a	Chainage : 83.498 km
1) Bridge Name :51-Sashibision Bazar	2) Road Name : Bhola-Char Manika	3) Date & Time : 02-12-2013 12:30pm	4) GPS Data : Latitude: 22 ° 6 ' 23.998 " Longitude: 90 ° 42 ' 37.917 "
Photo of the Bridge			
			
			


Photo Sheet of the Bridge 3/3

APPENDIX 3-3

APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

Damage of the Bridge (1/1)

Zone : Barisal		Division (Sub-division) : Bhola		LRP : 83a		Chainage : 83.498 km	
1) Bridge Name :51-Sashibision Bazar		2) Road Name : Bhola-Char Manika		3) Date & Time : 02-12-2013 / 12:30pm		4) GPS Data : Latitude: 22 ° 6 ' 23.998 " Longitude: 90 ° 42 ' 37.917 "	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, /Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()
							
Comments:							

Bridge and Road Specifications

Zone: Barisal		Division(Subdivision): Barisal		LRP:		Chainage:	
1) Bridge Name/ No:52_Dakhinaisa Bridge		2) Road Name :Gariarpar- Banaripara Road		3) Date : 02-12-2013		4) GPS Data: Lt:22°46'22.160" Lon:90°08'55.443"	
5) Road Category: Z-8033		Bridge Width:5.0m Carriageway Width: 3.6m		7) Bridge Type: Bailey with steel deck		8) Bridge length: 56.9m	
9) Bridge Span Arrangement: Three Span		10) Approach Road Width: 5.5m		11) Sub structure information -Type:		12) River information: -Approx river width: 80.00m -Approx. river water level: 5.4m from deck -Approx. river depth:17.7m from deck	
13) Year of Construction(if possible):		14) Load Limit(if possible):		-Approx. height:			

Consultant: Oriental Consultants Co. Ltd. Scale: 1:1400 Name of Engineer/Surveyor: Md. Azad Surveyed by: SURVEY2000

Photo Sheet of the Bridge 1/3

APPENDIX 3-1





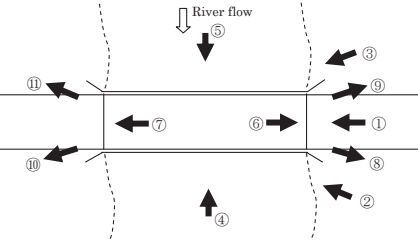

Zone : Barisal		Division (Sub-division): Barisal		LRP :		Chainage :	
1) Bridge Name: 52_Dakhinaisa Bazar Bridge		2) Road Name :		3) Date & Time : 02.12.2013 2:17 pm		4) GPS Data: Latitude:22 46'22.16" Longitude:90 8'55.443"	
Photo of the Bridge							
							
							

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division): Barisal	LRP :	Chainage :
1) Bridge Name: 52_Dakhinaisa Bazar Bridge	2) Road Name :	3)Date & Time : 02.12.2013 2:17 pm	4)GPS Data: Latitude:22 46'22.16" Longitude:90 8'55.443"
Photo of the Bridge			
			
			





Photo Sheet of the Bridge 3/3

APPENDIX 3-3

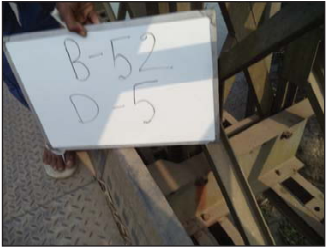



APPENDIX 4

1. Description of Damages (Present Condition) of the Bridge

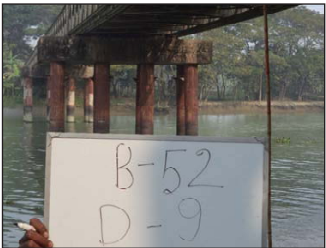



Damage of the Bridge (1/3)

Zone : Barisal	Division (Sub-division): Barisal	LRP :	Chainage :
1) Bridge Name: 52_Dakhinaisa Bazar Bridge	2) Road Name :	3)Date & Time : 02.12.2013 2:17 pm	4)GPS Data: Latitude:22 46'22.16" Longitude:90 8'55.443"
Damage 1		Damage 2	
Damage Location	Slab, Girder, Pier, Abutment, /Railing	Damage Location	Slab, Girder, Pier, Abutment, /Railing
Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, /Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, /Deformed section Others ()
			
			
Comments			

Damage of the Bridge (2/3)

Zone : Barisal		Division (Sub-division): Barisal		LRP :		Chainage :	
1) Bridge Name: 52_Dakhinaiasa Bazar Bridge		2) Road Name :		3)Date & Time : 02.12.2013 2:17 pm		4)GPS Data: Latitude:22 46'22.16" Longitude:90 8'55.443"	
Damage 5		Damage 6		Damage 7		Damage 8	
Damage Location	Slab, Girder, Pier, Abutment, /Railing	Damage Location	Slab, Girder, Pier, /Abutment	Damage Location	Slab, Girder, Pier, /Abutment	Damage Location	Slab, Girder, Pier, /Abutment
Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, /Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure /Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, /Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure /Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()
							
Comments							

Damage of the Bridge (3/3)

Zone : Barisal		Division (Sub-division): Barisal		LRP :		Chainage :	
1) Bridge Name: 52_Dakhinaiasa Bazar Bridge		2) Road Name :		3)Date & Time : 02.12.2013 2:17 pm		4)GPS Data: Latitude:22 46'22.16" Longitude:90 8'55.443"	
Damage		Damage 1		Damage 11		Damage 12	
Damage Location	Slab, Girder, /Pier, Abutment	Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	/Slab, Girder, Pier, Abutment	Damage Location	/Slab, Girder, Pier, Abutment
Damage Type	For Concrete Structure Crack, Spalling, /Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, /Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, /Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, /Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, /Deformed section Others ()
							
Comments							

Bridge and Road Specifications

Zone: Barisal		Division(Subdivision): Barisal		LRP:		Chainage:	
1) Bridge Name/ No: 53- Madhap Pasha		2) Road Name :Gariarpar- Naikatia Road		3) Date : 02-12-2013		4) GPS Data: Lt:22°45'44.152"Lon:90°16'29.623"	
5) Road Category: Z-8033		6) Bridge Width: 4.1m Carriageway Width: 3.5m		7) Bridge Type: Bailey with steel deck		8) Bridge length:36.7m	
9) Bridge Span Arrangement: Single Span		10) Approach Road Width: 5.5m		11) Sub structure information -Type:		12) River information: -Approx river width: 25.0m -Approx. river water level: 3.1m from deck -Approx. river depth:5.3m from deck	
13) Year of Construction(if possible):		14) Load Limit(if possible):		-Approx. height:			

Consultant: Oriental Consultants Co. Ltd.	Scale: 1:1400	Name of Engineer/Surveyor: Md. Azad	Surveyed by: SURVEY2000
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Photo Sheet of the Bridge 1/3

APPENDIX 3-1

Zone : Barisal		Division (Sub-division) : Barisal		LRP :		Chainage :	
1) Bridge Name : 53_Madhap ponha Bridge		2) Road Name :		3) Date & Time : 02.12.2013_03:40 pm		4) GPS Data : Latitude : 22°45'44.152" Longitude : 90°16'29.623"	
Photo of the Bridge							
Photo ①		Photo ②		Photo ③			
Photo ④				Photo ⑤			
Photo ④		Photo ⑤					

Photo Sheet of the Bridge 2/3

APPENDIX 3-2

Zone : Barisal	Division (Sub-division) : Barisal	LRP :	Chainage :
1) Bridge Name : 53_Madhap ponha Bridge	2) Road Name :	3) Date & Time : 02.12.2013_03:40 pm	4) GPS Data : Latitude: 22°45'44.152" Longitude: 90°16'29.623"
Photo of the Bridge			
			
			





Photo Sheet of the Bridge 3/3

APPENDIX 3-3





APPENDIX 4

1) Description of Damage present on the bridge




Damage of the Bridge (1/3)

Zone : Barisal		Division (Sub-division) : Barisal		LRP :		Chainage :	
1) Bridge Name : 53_Madhap ponha Bridge		2) Road Name :		3) Date & Time : 02.12.2013_03:40 pm		4) GPS Data : Latitude: 22°45'44.152" Longitude: 90°16'29.623"	
Damage 1		Damage 2		Damage 3		Damage 4	
Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()	Damage Type	For Concrete Structure Crack, Spalling, Rebar exposure Others () For Steel Structure Corrosion, Missing bolt, Deformed section Others ()
							
Comments							

Damage of the Bridge (2/3)

Zone : Barisal		Division (Sub-division) : Barisal		LRP :		Chainage :	
1) Bridge Name : 53_Madhap ponha Bridge		2) Road Name :		3) Date & Time : 02.12.2013_03:40 pm		4) GPS Data : Latitude: 22°45'44.152" Longitude: 90°16'29.623"	
Damage 5		Damage 6		Damage 7		Damage 8	
Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()
							
Comments							

Damage of the Bridge (3/3)

Zone : Barisal		Division (Sub-division) : Barisal		LRP :		Chainage :	
1) Bridge Name : 53_Madhap ponha Bridge		2) Road Name :		3) Date & Time : 02.12.2013_03:40 pm		4) GPS Data : Latitude: 22°45'44.152" Longitude: 90°16'29.623"	
Damage 5		Damage 6		Damage 7		Damage 8	
Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment	Damage Location	Slab, Girder, Pier, Abutment
Damage Type	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()	<u>For Concrete Structure</u> Crack, Spalling, Rebar exposure Others () <u>For Steel Structure</u> Corrosion, Missing bolt, Deformed section Others ()
							
Comments							