Local Government Engineering Department

Rural Bridge Information Management System(RuBIMS)

Inspected By (Name): Designation: Inspection Date:

Basic Information:

Division: DHAKA

District: DHAKA

Upazilla: SAVAR

Road ID: 326722005

Road Name: Dhaka-Aricha (RHD) at 22Mile - Shimulia GC. via Nolam Road

Structure Code: 326722005003 Construction Year: 2013 Chainage (m): 3050

Load Restriction(Tons): 0 Structure Type: PC Girder Bridge

Fund Source: Latitude: Longitude:

Waterway Information:

Waterway Name:Watertype Type:Flow Type:Salinity:Width:Flood Level(m):

Design Information:

Design Load(Ton):- Design Method:- Load Bearing Capacity:-

Super Structure Information:

Width (m): 7.6 Carriageway Width (m):6.15 Bracing:Nil

Wearing Course:Concrete Source of Electricty:REB Bank To Bank Distance(m):93.6

Sidewalk (L/S) (m):0.75 Sidewalk (R/S) (m):0.75 Railing Type:RCC Railing [Bar & Post]

NO. of Light Posts (L/S):
NO. of Light Posts (R/S):
Tie/Hanger:Nil

Total No Of Span: 3 No Of Similar Span(m): 3 No Of Slab Each Span: 1

Total Length(m):93.6 Length of Each Similar Span(m):31.2 No of Similar Slab in Span: 1

No of Slab Each Span:1 Length Of Each Similar Slab:31.2 Total No Of Slab:3

No Of Girder in Each Span:4 Total No Of Girder:12 No Of Similar Girder:12

Super Structure:

Diaphrar 3	Deck Slab Top-2	Deck Slab Soffit- 2	Main Girder/B 4	Main Girder/B	Cross Beam/G 3	Cross Beam/G 2	Main Girder/B 2	Diaphrar 2	Deck Slab Top-1	Main Girder/B	Deck Slab Soffit-	Cross Beam/G	Diaphrar 1	Element
														CRACKS(6)
														SCALL/SPALL/EX.REB(7)
														WATERSEEPAGE(8)
														FALLENOUT(9)
														CRACKINGOFDECKSLAB(10)
														DELAMINATION(11)
														ABNORMALSPACING(12)
														OTHER(IO/PG/FD/ETC)(16)
														DEFEACTSOFREINFORCEMENT(17)
														ABNORMALANCHORAGE(18)
														DISCOLORATION(19)
														WATERLEAKAGE(20)
														ABNORMALNOISE(21)
														ABNORMALDEFLECTION(22)
														DEFORMATION(23)

Cross Beam/G 8	Cross Beam/G 7	Diaphrar 6	Diaphrar 5	Deck Slab Top-3	Deck Slab Soffit- 3	Main Girder/B 8	Main Girder/B 7	Cross Beam/G	Main Girder/B	Cross Beam/G 5	Main Girder/B 5	Cross Beam/G 4	Diaphrar 4	Element
														CRACKS(6)
														SCALL/SPALL/EX.REB(7)
														WATERSEEPAGE(8)
														FALLENOUT(9)
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Element	CRACKS(6)	SCALL/SPALL/EX.REB(7)	WATERSEEPAGE(8)	FALLENOUT(9)	CRACKINGOFDECKSLAB(10)	DELAMINATION(11)	ABNORMALSPACING(12)	OTHER(IO/PG/FD/ETC)(16)	DEFEACTSOFREINFORCEMENT(17)	ABNORMALANCHORAGE(18)	DISCOLORATION(19)	WATERLEAKAGE(20)	ABNORMALNOISE(21)	ABNORMALDEFLECTION(22)	DEFORMATION(23)
Cross Beam/G 9															
Main Girder/B 9															
Main Girder/B 10															
Main Girder/B 11															
Main Girder/B 12															

Sub Structure: Abutment/End Wall:RCC

Wing Wall:RCC

Pier/Intermediate Wall:RCC

	Pier/in	termediate Wa	all:RCC								
Element	CRACKS(6)	SCALL/SPALL/EX.REB(7)	WATERSEEPAGE(8)	DELAMINATION(11)	OTHER(IO/PG/FD/ETC)(16)	DEFEACTSOFREINFORCEMENT(17)	DISCOLORATION(19)	WATERLEAKAGE(20)	DEFORMATION(23)	SETTLEMENT(25)	SCOURING(26)
Abutment-											
Abutment-											
Abutment Base/Base Slab-1											
Abutment Base/Base Slab-2											
Bracing of Pier-1											
Bracing of Pier-2											

Element	CRACKS(6)	SCALL/SPALL/EX.REB(7)	WATERSEEPAGE(8)	DELAMINATION(11)	OTHER(IO/PG/FD/ETC)(16)	DEFEACTSOFREINFORCEMENT(17)	DISCOLORATION(19)	WATERLEAKAGE(20)	DEFORMATION(23)	SETTLEMENT(25)	SCOURING(26)
Pier Cap-											
Pier Cap-											
Pier Column-1											
Pier Column-2											
Pier Column-3											
Pier Column-4											
Wing Wall-1											
Wing Wall-2											
Wing Wall-3											
Wing Wall-4											

Non Structure:

Non Structural Elements	Lighting	Facilities		ent Slopes ch Roads		nent of aches	Wearing course	Wh Guard,Wall		Rail bar,f	Rail Post		ost,Traffic ctric Post
Location	Left Side.	Right Side.	Back App.	Front App.	Back App.	Front App.	Deck Top	Left Side.	Right Side.	Left Side.	Right Side.	Back App.	Front App.

Elements					Condition	on of Protectiv	e Works			
Non- Structural Elements	Protect	ive works of <i>i</i>	Abt/Pier.		Other F	River Trainninoุ	g Works		_	al Slopes of ch Roads
Location	Back Abt	Pier	Front Abt	Back Abt. U/S	Back Abt. D/S	Front Abt. U/S	Front Abt. D/S	Other	Back	Front
Condition										

Elements	Surface	Condition Of Painting	Condition Of Drainage and WaterWays
	Condition		

Non-	Surface o	of Wingwall	Guide Po	ost,Traffic	Raillin	g,Rail	Steel	Deck	Surfa	ace Of	Water	Riv	/er/
Structural	and Abut	ment Wall	sign,	Road	Post,Whe	el Guard	Member	Slab,Top	Abutm	ent End	Flow of	Car	nnel/
Elements			Marking	j,Electric			of Truss	Slab of	Wall,Int	ermidiate	Slab/Box/l	Wate	rways
			Po	ost			and	Box	Wall	,Wind	Culvert		
							Bailey	Burges	Wall,	Weep			
							Bridge	Ducts &	Holes,Dr	ain Outlet			
								D-					
								Spouts					
Location	Back	Front	Back	Front	Left Side	Right	Above	Above	Back	Front	Inside Of	UP	D-
	Арр.	Арр.	App.	Арр.		Side	Deck	Deck/Slab	Арр.	Арр.	Structure	Stream	Stream
Condition													

Bearing:

Bearing Type	Rating

Rail Bar, Rail Post(Right):

Protection Type:

Outlet (F/A):

Wearing Course(Deck Top):

Outlet (B/A):

Over-All Coments of the Inspector(If any):

Comments:

Replace/Expansion Possibility:

- Replacement Essential
- At Existing Site

Rail Bar, Rail Post(Left):

• Beside the Existing Site

• Replacement Possible

- Capacity Expansion Possible
- One SideBoth Side
- Another New Sructure

Signature: Date:

Name: Organization: Designation: