

BRIDGE SITE SURVEY DATA- 2

Zone No: 6
District : Chandpur

Name of Thana		Kachua			Faridganj		Shahrashti	
Serial Number		37	38	39	40	41	44	
Influence Area	Population (thousand)	30	50	25	40	50	30	
	Main Industry	Agriculture, Fishery	Agriculture, Fishery, Commercial	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	
	Major Agricultural Product	Rice, Jute, Veg.	Rice, Jute, Fruits, Veg.	Rice, Jute, Veg.	Rice, Jute, S.Cane.	Rice, Jute, S.Cane.	Rice, Jute, Veg., S.Cane	
	Number of Public Facilities	School	8	13	6	20	30	8
		Clinic	1	2	1	2	3	2
		Bazar	3	3	5	8	10	10
		Mosque	18	20	12	30	30	20
		Gov't Office	1	7	1	4	3	1
		Others	7	10	5	10	5	5
Total		38	55	30	74	81	46	
Traffic Volume	Passenger Car	15	10	10	25	20	15	
	Pickup/Truck	10/20	5/25	8/15	10/15	20/20	10/8	
	Bus	25	10	25	20	40	25	
	Motorcycle	85	50	65	70	100	70	
	Rickshaw	200	350	230	300	300	300	
	Autorickshaw	45	60	80	110	75	100	
	Bullock Cart	0	0	0	0	0	0	
	Pedestrian	4500	5000	3000	5000	5000	3000	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	Yes	No	Yes	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	5 nos Trees	2 nos Shops	No	
Proposed Bridge	Bridge Length (m)	20	30	15	140	100	20	
	Span Arrangement	1x20m	1x30m	1x15m	20m+4x25m+20m	5x20m	1x20m	
	Abutment Height (m)	4.50	4.50	4.00	4.50	6.00	4.00	
	Pier Height (m)	-	-	-	7.50	8.00	-	
Remarks					The correct road ID is 413453009. The river is used for only irrigation reservoir.			

Zone No: 6
District : Feni

BRIDGE SITE SURVEY DATA- 1

Name of Upazilla		Sadar				
Serial Number		1	3	4	5	7
Bridge Code		22-01-01	22-01-03	22-01-04	22-01-05	22-01-07
Road ID		430295083	430295086	430295084	430295116	430295029
Road Class		R3	R3	R3	R3	R3
Chainage (km)		2+500	0+800	0+500	0+500	1+500
Condition of Existing Bridge	Existing or not	Existing	Not Existing	Existing	Existing	Not Existing
	Bridge Length (m)	12.00		6.40	5.60	
	Bridge Width (m)	1.40		3.70	3.10	
	Carriageway Width (m)	1.10		2.70	2.60	
	Superstructure Type	Bamboo		RC	RC	
	Abutment Type	No		Masonry	Masonry	
	Pier Type	Bamboo Pile		No	No	
	Usage of Bridge	Pedestrians only		All Vehicles	All Vehicles	
	Condition	Collapsed		Damaged	Collapsed	
	Present Navigation Clearance Height (m)	1.00		0.80	No	
River Condition	Bank to Bank Width (m)	19.00	25.00	12.00	9.00	20.00
	Highest Flood Water Width (m)	25.00	30.00	16.00	12.00	30.00
	Highest Flood Water Depth (m)	4.50	3.50	2.50	2.50	4.50
	Normal Flood Water Width (m)	19.00	19.00	12.00	10.00	20.00
	Normal Flood Water depth (m)	2.10	2.70	1.80	1.50	2.50
	Dry Season Water Width (m)	15.00	14.00	6.00	5.00	10.00
	Dry Season Water Depth (m)	1.20	0.40	0.70	0.00	0.60
	Tidal Fluctuation (m)	No	No	No	No	No
	Water Velocity	Medium	Medium	Slow	Slow	Slow
	Angle of Bridge to Stream (deg)	90	90	90	90	90
	Ferry Services	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.00	No	No	No	No
	Type of River Traffic	Country Boat	No	No	No	No
	Condition of Bank	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.00	2.70	2.80	3.67	3.05
	Carriageway Width (m)	3.05	2.40	2.40	3.05	2.67
	Embankment Height (m)	2.50	2.30	2.10	1.80	1.50
	Surface Type	Earthen	Earthen	Earthen	Earthen	Earthen
	Surface Condition	Fair	Bad	Fair	Fair	Fair
	Alternative Route (km)	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 6
District : Feni

Name of Thana		Sadar					
Serial Number		1	3	4	5	7	
Influence Area	Population (thousand)	40	20	15	20	50	
	Main Industry	Agriculture, Fishery	Agriculture, Fishery	Agriculture	Agriculture, Fishery	Agriculture, Fishery, Forestry	
	Major Agricultural Product	Rice, Veg.	Rice, Veg.	Rice, Veg.	Rice, Veg.	Rice, Veg.	
	Number of Public Facilities	School	15	7	5	7	8
		Clinic	1	1	1	2	1
		Bazar	3	4	3	6	4
		Mosque	40	12	20	15	30
		Gov't Office	2	2	2	2	1
Others		5	4	5	10	5	
Total	66	30	38	42	49		
Traffic Volume	Passenger Car	20	15	10	25	20	
	Pickup/Truck	15/30	15/20	15/20	15/25	15/15	
	Bus	40	25	25	30	40	
	Motorcycle	70	70	65	75	60	
	Rickshaw	300	150	150	250	350	
	Autorickshaw	120	70	50	70	100	
	Bullock Cart	0	0	0	0	0	
	Pedestrian	6000	5000	3000	5000	6500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Hilly	
	Necessity of Realignment of Approach Road	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	
	Other Obstruction to be Relocated	4 nos Trees	No	No	No	2 nos Trees	
Proposed Bridge	Bridge Length (m)	20	25	15	10	20	
	Span Arrangement	1x20m	1x25m	1x15m	1x10m	1x20m	
	Abutment Height (m)	5.00	4.60	2.50	2.50	3.50	
	Pier Height (m)	-	-	-	-	-	
Remarks							

Zone No: 6
District : Feni

BRIDGE SITE SURVEY DATA- 1

Name of Upazilla		Porshuram					Daganbhuiyan
Serial Number		8	11	13	16	17	18
Bridge Code		22-02-01	22-02-04	22-02-06	22-02-09	22-02-10	22-03-01
Road ID		430515053	430514002	430515090	430513008	430513014	430253011
Road Class		R3	R2	R3	R1	R1	R1
Chainage (km)		1+050	2+400	1+450	1+100	6+350	3+850
Condition of Existing Bridge	Existing or not	Existing	Not Existing	Not Existing	Existing	Existing	Not Existing
	Bridge Length (m)	35.00			15.20	7.50	
	Bridge Width (m)	2.10			3.10	2.90	
	Carriageway Width (m)	2.10			2.80	2.50	
	Superstructure Type	Bamboo			RC	Timber	
	Abutment Type	No			Masonry	No	
	Pier Type	Bamboo pile			Masonry	Temporary RC Column	
	Usage of Bridge	Pedestrians only			All Vehicles	Pedestrians only	
	Condition	Collapsed			Collapsed	Collapsed	
	Present Navigation Clearance Height (m)	1.80			0.80	No	
River Condition	Bank to Bank Width (m)	35.00	50.00	60.00	30.00	20.00	54.00
	Highest Flood Water Width (m)	45.00	60.00	60.00	30.00	20.00	65.00
	Highest Flood Water Depth (m)	6.50	4.50	3.50	8.50	3.50	5.20
	Normal Flood Water Width (m)	35.00	45.00	50.00	25.00	15.00	50.00
	Normal Flood Water depth (m)	3.80	2.00	2.00	6.80	2.50	4.20
	Dry Season Water Width (m)	20.00	25.00	35.00	20.00	10.00	38.00
	Dry Season Water Depth (m)	2.50	1.50	1.00	2.50	1.80	0.80
	Tidal Fluctuation (m)	1.00	1.00	1.00	0.80	0.30	No
	Water Velocity	Medium	Medium	Fast	Medium	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.80	1.40	1.50	No	No	No
	Type of River Traffic	Engine Boat	Engine Boat	Engine Boat, Country Boat	No	No	No
	Condition of Bank	Eroded	Eroded	Eroded	Sound	Sound	Eroded
Condition of Riverbed	Scoured	Scoured	Scoured	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	3.50	4.00	4.00	4.60	3.00	4.20
	Carriageway Width (m)	2.60	3.05	3.40	3.05	2.40	3.05
	Embankment Height (m)	2.20	2.20	4.00	2.20	2.00	2.00
	Surface Type	BC/Earthen	BC/Earthen	BC/Earthen	BC	BC/Earthen	BC/HBB/Earthen
	Surface Condition	Good	Good	Fair	Good	Good	Good
	Alternative Route (km)	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 6
District : Feni

Name of Thana		Porshuram					Daganbhulyan	
Serial Number		8	11	13	16	17	18	
Influence Area	Population (thousand)	15	20	15	35	10	40	
	Main Industry	Agriculture, Forestry	Agriculture, Fishery	Agriculture, Fishery, Forestry	Agriculture, Fishery	Agriculture	Agriculture, Forestry	
	Major Agricultural Product	Rice, Veg. S.Cane, Bamboo	Rice, Veg., S.Cane	Rice, Jute, Veg., S.Cane	Rice, Veg., S.Cane	Rice, Veg., S.Cane	Rice, Veg. S.Cane	
	Number of Public Facilities	School	8	8	8	20	6	19
		Clinic	1	1	1	5	1	3
		Bazar	3	4	4	5	3	5
		Mosque	30	20	15	60	7	50
		Gov't Office	2	2	2	20	1	20
Others		8	6	6	15	5	15	
	Total	48	39	34	115	23	112	
Traffic Volume	Passenger Car	10	20	15	35	15	30	
	Pickup/Truck	15/35	15/20	15/30	15/100	15/30	30/40	
	Bus	30	30	20	55	30	60	
	Motorcycle	70	60	75	100	70	120	
	Rickshaw	250	250	200	450	250	500	
	Autorickshaw	100	100	70	130	100	200	
	Bullock Cart	0	20	35	10	20	0	
	Pedestrian	6000	3500	3500	6500	3000	7500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Hilly	Flat	Hilly	Flat	Hilly	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	3 nos Trees	No	No	
Proposed Bridge	Bridge Length (m)	40	50	60	30	20	60	
	Span Arrangement	10m+20m+10m	15m+20m+15m	3x20m	1x30m	1x20m	3x20m	
	Abutment Height (m)	4.00	3.00	5.00	4.50	3.00	4.50	
	Pier Height (m)	8.00	6.50	6.80	-	-	6.50	
Remarks								

Zone No: 6
District : Feni

BRIDGE SITE SURVEY DATA- 1

Name of Upazilla		Sonagazi	Chagainaiya			
Serial Number		21	23	26	27	28
Bridge Code		22-04-01	22-05-02	22-05-05	22-05-06	22-05-07
Road ID		430943016	430144010	430145079	430144002	430144032
Road Class		R1	R2	R3	R2	R2
Chainage (km)		4+115	0+200	1+400	1+720	1+500
Condition of Existing Bridge	Existing or not	Not Existing	Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)		4.80			
	Bridge Width (m)		2.00			
	Carriageway Width (m)		2.00			
	Superstructure Type		Bamboo			
	Abutment Type		Masonry			
	Pier Type		No			
	Usage of Bridge		Pedestrians only			
	Condition		Collapsed			
	Present Navigation Clearance Height (m)		No			
River Condition	Bank to Bank Width (m)	23.00	8.00	20.00	98.00	70.00
	Highest Flood Water Width (m)	30.00	10.00	25.00	120.00	90.00
	Highest Flood Water Depth (m)	3.50	3.20	3.50	7.00	7.00
	Normal Flood Water Width (m)	23.00	8.00	20.00	90.00	70.00
	Normal Flood Water depth (m)	2.50	1.60	1.50	5.20	5.50
	Dry Season Water Width (m)	15.00	5.00	15.00	60.00	50.00
	Dry Season Water Depth (m)	0.60	0.20	0.40	3.50	3.20
	Tidal Fluctuation (m)	0.10	No	No	1.00	1.00
	Water Velocity	Medium	Slow	Slow	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90
	Ferry Services	No	No	No	No	No
	Required Navigation Clearance Height (m)	No	No	No	1.80	1.80
	Type of River Traffic	No	No	No	Engine Boat	Engine Boat, Country Boat
	Condition of Bank	Eroded	Sound	Sound	Eroded	Eroded
Condition of Riverbed	Sound	Sound	Sound	Scoured	Scoured	
Approach Road	Total Road Width (m)	4.88	3.00	4.00	4.88	4.67
	Carriageway Width (m)	3.05	2.97	3.05	3.05	3.05
	Embankment Height (m)	2.00	2.20	2.00	2.50	2.50
	Surface Type	BC	HBB/Earthen	HBB	HBB	BC/HBB
	Surface Condition	Good	Good	Good	Good	Good
	Alternative Route (km)	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 6
District : Feni

Name of Thana		Sonagazi	Chagalnalya				
Serial Number		21	23	26	27	28	
Influence Area	Population (thousand)	20	15	30	30	25	
	Main Industry	Agriculture, Fishery, Forestry	Agriculture	Agriculture	Agriculture	Agriculture, Forestry	
	Major Agricultural Product	Rice, Veg., S.Cane	Rice, Wheat, Veg., S.Cane	Rice, Wheat, Veg.	Rice, Wheat, Veg., S.Cane	Rice, Veg., S.Cane, Bamboo	
	Number of Public Facilities	School	11	6	6	14	7
		Clinic	2	1	1	2	1
		Bazar	4	3	5	5	4
		Mosque	20	10	20	30	12
		Gov't Office	4	2	2	3	2
		Others	2	5	5	4	8
Total		43	27	39	58	34	
Traffic Volume	Passenger Car	25	10	20	20	10	
	Pickup/Truck	15/30	10/20	15/25	15/30	15/30	
	Bus	40	30	30	40	35	
	Motorcycle	75	80	70	80	75	
	Rickshaw	350	250	400	350	350	
	Autorickshaw	100	65	100	100	100	
	Bullock Cart	20	0	0	0	10	
	Pedestrian	6000	3000	4500	4500	4000	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	Yes	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	
	Other Obstruction to be Relocated	4 nos Trees	No	No	No	No	
Proposed Bridge	Bridge Length (m)	25	10	20	100	80	
	Span Arrangement	1x25m	1x10m	1x20m	5x20m	2x15m+20m+2x15m	
	Abutment Height (m)	3.50	2.80	3.50	4.50	4.50	
	Pier Height (m)	-	-	-	8.50	8.50	
Remarks							

Zone No: 6

BRIDGE SITE SURVEY DATA- 1

District : Noakhali

Name of Upazila		Noakhali Sadar		Begumganj			
Serial Number	1	6	8	10	11	12	
Bridge Code	23-01-01	23-01-06	23-02-02	23-02-04	23-02-05	23-02-06	
Road ID	475873008	475873036	475074055	475074032	475073017	475073030	
Road Class	R1	R1	R2	R2	R1	R1	
Chainage (km)	1+000	2+000	0+000	0+600	0+000	2+500	
Condition of Existing Bridge	Existing or not	Existing	Not Existing	Existing	Not Existing	Not Existing	
	Bridge Length (m)	55.00		17.00			
	Bridge Width (m)	4.60		2.30			
	Carriageway Width (m)	3.90		2.00			
	Superstructure Type	RC		RC			
	Abutment Type	Masonry		Masonry			
	Pier Type	Masonry		Masonry			
	Usage of Bridge	All Vehicles		Pedestrians only			
	Condition	Damaged		Damaged			
	Present Navigation Clearance Height (m)	1.20		1.00			
River Condition	Bank to Bank Width (m)	55.00	48.00	25.00	45.00	35.00	53.00
	Highest Flood Water Width (m)	65.00	60.00	30.00	54.00	40.00	65.00
	Highest Flood Water Depth (m)	6.50	4.20	5.00	5.60	5.00	6.10
	Normal Flood Water Width (m)	45.00	45.00	22.00	40.00	30.00	45.00
	Normal Flood Water depth (m)	5.00	3.50	4.20	5.00	3.30	5.50
	Dry Season Water Width (m)	30.00	35.00	17.00	30.00	25.00	35.00
	Dry Season Water Depth (m)	1.80	1.00	1.75	1.20	1.90	1.80
	Tidal Fluctuation (m)	No	0.30	No	0.60	0.60	No
	Water Velocity	Slow	Medium	Slow	Medium	Medium	Slow
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	No	1.40	0.60	No	No	1.00
	Type of River Traffic	No	Country Boat, Engine Boat	Country Boat	No	No	Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.87	4.00	3.66	3.50	3.66	3.67
	Carriageway Width (m)	3.90	3.67	3.00	3.00	2.40	3.05
	Embankment Height (m)	2.00	2.30	2.20	2.00	2.20	2.00
	Surface Type	BC	Earthen/BC	Earthen/BC	HBB/Earthen	Earthen	HBB/Earthen
	Surface Condition	Good	Fair	Fair	Fair	Fair	Fair
	Alternative Route (km)	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 6
District : Noakhali

Name of Thana		Noakhali Sadar		Begumganj				
Serial Number		1	6	8	10	11	12	
Influence Area	Population (thousand)	40	40	50	30	40	35	
	Main Industry	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	
	Major Agricultural Product	Rice, Fruits, Veg	Rice, S.Cane, Veg	Rice, S.Cane, Veg	Rice, Veg	Rice, Veg	Rice, S.Cane, Veg	
	Number of Public Facilities	School	12	10	20	17	15	5
		Clinic	8	3	2	2	2	3
		Bazar	8	7	5	4	4	4
		Mosque	40	40	60	45	40	50
		Gov't Office	40	5	5	3	2	3
Others		30	10	10	10	10	10	
Total		138	75	102	81	73	75	
Traffic Volume	Passenger Car	50	15	20	20	20	20	
	Pickup/Truck	50/60	20/50	15/20	15/30	15/30	10/35	
	Bus	60	50	40	40	40	40	
	Motorcycle	200	130	80	80	80	120	
	Rickshaw	500	450	400	350	250	400	
	Autorickshaw	200	200	110	110	110	120	
	Bullock Cart	10	10	0	0	0	0	
	Pedestrian	7000	7000	7000	5500	5000	5600	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	
	Other Obstruction to be Relocated	1 Electric pole	2Trees	No	3Trees	20 Shops, 1Tree	No	
Proposed Bridge	Bridge Length (m)	60	50	25	50	40	50	
	Span Arrangement	3x20m	15m+20m+15m	1x25m	15m+20m+15m	10m+20m+10m	15m+20m+15m	
	Abutment Height (m)	3.50	3.50	2.50	2.80	3.00	3.00	
	Pier Height (m)	7.00	5.2	-	6.00	5.00	7.00	
Remarks	Relocation of one electric pole is required. Sub-structure of the existing bridge is partially damaged.		Existing RCC foot-bridge is damaged and only pedestrian can pass over the bridge.		3 nos trees shall have to be removed.		The previous road ID was wrong. The corrected road ID is 475073017. 20 nos shops on both sides adjacent to the bridge shall have to be relocated and one tree is to be removed.	
							The previous road ID no. was wrong. The corrected road ID is 475073017.	

Zone No: 6
District : Noakhali

BRIDGE SITE SURVEY DATA- 1

Name of Upazila		Begumganj				
Serial Number		13	14	15	16	17
Bridge Code		23-02-07	23-02-08	23-02-09	23-02-10	23-02-11
Road ID		475074085	475075028	475075028	475074087	475074086
Road Class		R2	R3	R3	R2	R2
Chainage (km)		0+000	1+700	0+000	6+000	1+200
Condition of Existing Bridge	Existing or not	Existing	Not Existing	Existing	Not Existing	Not Existing
	Bridge Length (m)	24.00		10.20		
	Bridge Width (m)	1.90		2.70		
	Carriageway Width (m)	1.90		2.40		
	Superstructure Type	Timber		RC		
	Abutment Type	No		Masonry		
	Pier Type	Wooden Piles		RC Column		
	Usage of Bridge	Pedestrains only		All Vehicles		
	Condition	Collapsed		Damaged		
	Present Navigation Clearance Height (m)	No		No		
River Condition	Bank to Bank Width (m)	26.00	13.50	17.00	17.00	48.00
	Highest Flood Water Width (m)	35.00	25.00	20.00	25.00	60.00
	Highest Flood Water Depth (m)	5.10	4.80	4.00	3.80	6.20
	Normal Flood Water Width (m)	25.00	13.00	15.00	15.00	45.00
	Normal Flood Water depth (m)	4.50	4.00	3.10	3.00	5.50
	Dry Season Water Width (m)	20.00	10.00	12.00	10.00	35.00
	Dry Season Water Depth (m)	0.80	0.80	1.50	1.80	1.80
	Tidal Fluctuation (m)	No	No	No	No	No
	Water Velocity	Slow	Slow	Slow	Slow	Slow
	Angle of Bridge to Stream (deg)	90	90	90	90	90
	Ferry Services	No	No	No	No	No
	Required Navigation Clearance Height (m)	0.80	No	No	No	1.00
	Type of River Traffic	Country Boat	No	No	No	Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	3.50	3.50	3.50	3.00	3.50
	Carriageway Width (m)	2.40	2.40	3.05	2.40	2.40
	Embankment Height (m)	2.20	1.80	2.30	1.50	2.00
	Surface Type	Earthen	Earthen	Earthen/BC	HBB/Earthen	Earthen
	Surface Condition	Bad	Fair	Good	Fair	Fair
	Alternative Route (km)	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 6

District : Noakhali

Name of Thana		Begumganj					
Serial Number		13	14	15	16	17	
Influence Area	Population (thousand)	15	25	20	15	30	
	Main Industry	Agriculture, Fishery, Commercial	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	
	Major Agricultural Product	Rice, Veg	Rice, S.Cane, Veg	Rice, Veg	Rice, Veg	Rice, S.cane, Veg	
	Number of Public Facilities	School	20	22	8	12	15
		Clinic	8	5	1	5	3
		Bazar	4	6	3	4	4
		Mosque	50	50	30	45	50
		Gov't Office	5	3	2	4	5
Others		10	10	7	10	10	
Total	97	96	51	80	87		
Traffic Volume	Passenger Car	20	25	20	20	20	
	Pickup/Truck	15/35	15/35	20/30	15/30	15/30	
	Bus	20	30	40	40	35	
	Motorcycle	100	120	90	76	70	
	Rickshaw	400	400	400	400	400	
	Autorickshaw	120	100	100	100	150	
	Bullock Cart	0	0	0	0	0	
	Pedestrian	5500	5500	5000	3500	5500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	7 Trees	2Trees	8Trees	
Proposed Bridge	Bridge Length (m)	25	15	15	20	50	
	Span Arrangement	1x25m	1x15m	1x15m	1x20m	15m+20m+15m	
	Abutment Height (m)	3.00	2.50	3.00	3.00	3.50	
	Pier Height (m)	-	-	-	-	7.00	
Remarks			7 nos trees shall have to be removed.	2 nos trees shall have to be removed.	6 nos trees shall have to be removed.		

Zone No: 6

BRIDGE SITE SURVEY DATA- 1

District : Noakhali

Name of Upazilla		Chatkhil		Companiganj			Hatlya	
Serial Number		21	23	24	25	27	28	29
Bridge Code		23-03-04	23-03-08	23-04-01	23-04-02	23-04-04	23-05-01	23-05-N1
Road ID		475104024	475104039	475214022	475212004	475213015	475363010	Unidentified
Road Class		R2	R2	R2	FRB	R1	R1	FRB
Chainage (km)		0+900	0+000	3+000	6+100	4+000	0+500	0+000
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)							
	Bridge Width (m)							
	Carriageway Width (m)							
	Superstructure Type							
	Abutment Type							
	Pier Type							
	Usage of Bridge							
	Condition							
	Present Navigation Clearance Height (m)							
River Condition	Bank to Bank Width (m)	13.00	24.00	146.00	366.00	132.00	74.00	149.00
	Highest Flood Water Width (m)	18.00	30.00	180.00	500.00	270.00	90.00	175.00
	Highest Flood Water Depth (m)	4.10	5.20	5.00	4.50	6.20	5.40	8.20
	Normal Flood Water Width (m)	13.00	20.00	140.00	302.00	130.00	60.00	115.00
	Normal Flood Water depth (m)	3.50	4.00	3.00	3.50	4.00	4.50	7.82
	Dry Season Water Width (m)	10.00	18.00	130.00	180.00	100.00	45.00	85.00
	Dry Season Water Depth (m)	0.80	2.00	0.80	0.80	1.50	1.60	1.20
	Tidal Fluctuation (m)	No	No	1.00	1.00	0.60	1.00	1.00
	Water Velocity	Slow	Slow	Medium	Medium	Medium	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	0.80	0.80	1.00	1.00	0.60	1.80	2.20
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat, Engine Boat	Country Boat	Engine Boat	Engine Boat
	Condition of Bank	Sound	Sound	Eroded	Eroded	Sound	Eroded	Eroded
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	3.55	4.00	4.08	4.88	4.80	4.50	4.50
	Carriageway Width (m)	3.05	3.05	3.05	3.05	3.88	3.00	4.00
	Embankment Height (m)	2.50	2.50	3.00	3.20	2.25	2.70	2.20
	Surface Type	Earthen	Earthen	Earthen/BC	Earthen/BC	Earthen/BC	Earthen	Earthen
	Surface Condition	Fair	Fair	Good	Good	Good	Fair	Fair
	Alternative Route (km)	No	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 6
District : Noakhali

Name of Thana		Chatkhil		Companiganj			Hatlya		
Serial Number		21	23	24	25	27	28	29	
Influencia Area	Population (thousand)	15	20	30	36	30	16	20	
	Main Industry	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	Agriculture, Fishery	
	Major Agricultural Product	Rice, S.cane, Veg	Rice, Veg	Rice, Veg	Rice, Veg	Rice, S.cane, Veg	Rice	Rice	
	Number of Public Facilities	School	13	9	8	8	20	7	5
		Clinic	1	1	1	1	4	2	2
		Bazar	4	3	10	5	6	4	4
		Mosque	40	45	30	15	40	25	15
		Gov't Office	4	3	2	1	10	2	4
Others		10	6	6	10	5	5	6	
Total		72	67	57	40	87	45	36	
Traffic Volume	Passenger Car	20	15	15	15	20	10	10	
	Pickup/Truck	15/30	15/30	15/30	20/35	15/30	18/30	20/30	
	Bus	40	30	100	40	40	30	45	
	Motorcycle	120	85	100	80	150	110	85	
	Rickshaw	400	350	350	400	400	250	350	
	Autorickshaw	100	110	120	100	120	110	200	
	Bullock Cart	0	0	0	0	0	0	0	
	Pedestrian	5000	4500	6000	5500	6000	5000	6000	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	No	
	Other Obstruction to be Relocated	3Trees	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	15	25	155	350	150	75	150	
	Span Arrangement	1x15m	1x25m	4x20m+3x25m	14x25m	6x25m	3x25m	6x25m	
	Abutment Height (m)	3.80	3.80	4.50	5.50	4.50	3.50	5.00	
	Pier Height (m)	-	-	8.00	8.00	7.50	7.00	9.00	
Remarks	3 nos trees shall have to be removed.						Tendering process for construction of a steel bridge under ORET project has been completed and awaiting for issue of work order.		

Zone No: 6
District : Laxmipur

BRIDGE SITE SURVEY DATA- 1

Name of Upazila		Sadar		Raipur	Ramganj
Serial Number		2	7	10	11
Bridge Code		24-01-02	24-01-07	24-02-01	24-03-01
Road ID		451435062	451433030	451583022	451653025
Road Class		R3	R1	R1	R1
Chainage (km)		2+500	0+150	5+950	5+840
Condition of Existing Bridge	Existing or not	Not Existing	Existing	Not Existing	Not Existing
	Bridge Length (m)		30.00		
	Bridge Width (m)		2.90		
	Carriageway Width (m)		2.40		
	Superstructure Type		RC		
	Abutment Type		Masonry		
	Pier Type		RC pile bent		
	Usage of Bridge		All Vehicles		
	Condition		Collapsed		
	Present Navigation Clearance Height (m)		1.50		
River Condition	Bank to Bank Width (m)	35.00	35.00	78.00	20.00
	Highest Flood Water Width (m)	50.00	50.00	100.00	25.00
	Highest Flood Water Depth (m)	4.75	4.50	8.00	4.00
	Normal Flood Water Width (m)	35.00	29.50	70.00	20.00
	Normal Flood Water depth (m)	4.00	3.00	4.40	3.00
	Dry Season Water Width (m)	30.00	22.00	50.00	10.00
	Dry Season Water Depth (m)	1.40	0.75	0.80	0.20
	Tidal Fluctuation (m)	1.00	No	No	No
	Water Velocity	Medium	Medium	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90
	Ferry Services	No	No	No	No
	Required Navigation Clearance Height (m)	0.60	1.20	1.20	No
	Type of River Traffic	Country Boat	Engine Boat, Country Boat	Engine Boat, Country Boat	Engine Boat, Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	3.05	5.00	2.90	2.80
	Carriageway Width (m)	2.40	4.00	2.40	2.00
	Embankment Height (m)	2.00	2.50	2.50	2.20
	Surface Type	Earthen	Earthen	Earthen	BC/Earthen
	Surface Condition	Fiar	Fiar	Fiar	Fiar
	Alternative Route (km)	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 6
District : Laxmipur

Name of Thana		Sadar		Raipur	Ramganj	
Serial Number		2	7	10	11	
Influence Area	Population (thousand)	35	11	40	20	
	Main Industry	Agriculture, Fishery	Agriculture	Agriculture, Fishery	Agriculture	
	Major Agricultural Product	Rice, Jute, Veg.	Rice, Veg.	Rice, Veg.	Rice, Jute, Veg.	
	Number of Public Facilities	School	10	3	18	7
		Clinic	1	3	6	1
		Bazar	6	2	8	2
		Mosque	40	10	10	8
		Govt Office	6	0	6	2
		Others	6	5	6	4
Total		69	23	56	24	
Traffic Volume	Passenger Car	20	20	10	20	
	Pickup/Truck	15/30	10/20	10/20	10/15	
	Bus	35	30	30	30	
	Motorcycle	80	70	80	75	
	Rickshaw	400	250	300	250	
	Auto Rickshaw	120	100	100	100	
	Bullock Cart	0	0	35	0	
	Pedestrian	5000	6000	3500	4500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	60	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	
	Other Obstruction to be Relocated	1 no. tree	6 nos trees	No	5 nos trees	
Proposed Bridge	Bridge Length (m)	40	35	80	20	
	Span Arrangement	10m+20m+10m	10m+15m+10m	2x15m+20m+2x15m	1x20m	
	Abutment Height (m)	4.00	3.50	4.60	3.00	
	Pier Height (m)	6.20	5.00	7.50	-	
Remarks		150m approach road is required reconstruction.	Realignment of approach road of 60m length will be required, but no land acquisition. Six nos. of trees has to be removed.			

BRIDGE SITE SURVEY DATA- 1

Zone No: 13
District : Natore

Name of Upazilla		Sadar	Gurudashpur	Singra			Baraigram	
Serial Number		3	12	13	14	15	17	18
Bridge Code		52-01-03	52-02-01	52-03-01	52-03-02	52-03-N1	52-04-02	52-04-N1
Road ID		169634003	169414054	169912004	169914021	169913025	169153013	Unidentified
Road Class		R2	R2	FRB	R2	R1	R1	R3
Chainage (km)		0+850	0+350	2+850	3+200	3+400	8+250	4+750
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Existing	Not Existing	Existing
	Bridge Length (m)					38.00		42.00
	Bridge Width (m)					2.80		0.20
	Carriageway Width (m)					2.00		0.20
	Superstructure Type					Bamboo		Bamboo
	Abutment Type					Bamboo		Bamboo
	Pier Type					Bamboo		Bamboo
	Usage of Bridge					Pedestrians/ R. Van		Pedestrians only
	Condition					Weak		Collapsed
	Present Navigation Clearance Height (m)					1.80		0.80
River Condition	Bank to Bank Width (m)	60.00	100.00	90.00	48.00	44.00	50.00	60.00
	Highest Flood Water Width (m)	70.00	105.00	100.00	55.00	50.00	55.00	65.00
	Highest Flood Water Depth (m)	5.00	8.50	7.40	6.20	4.50	4.10	5.00
	Normal Flood Water Width (m)	55.00	95.00	90.00	48.00	44.00	52.00	60.00
	Normal Flood Water depth (m)	3.70	5.00	3.80	3.80	2.30	2.80	3.10
	Dry Season Water Width (m)	10.00	60.00	25.00	9.00	38.50	40.00	10.50
	Dry Season Water Depth (m)	0.20	2.00	0.45	0.40	0.50	1.10	0.80
	Tidal Fluctuation (m)	No	No	No	No	No	No	No
	Water Velocity	Medium	Fast	Fast	Medium	Medium	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	2.00	2.10	2.00	1.40	1.80	1.80	1.80
	Type of River Traffic	Country boat, Cargo Engine boat	Big Cargo boat	Cargo Engine boat	Cargo Engine boat	Cargo Engine boat	Cargo Engine boat	Cargo Engine boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.10	10.00	5.80	4.20	5.50	6.40	6.80
	Carriageway Width (m)	3.70	2.60	3.60	3.80	3.80	3.60	6.80
	Embankment Height (m)	2.70	0.90	4.80	2.80	1.20	1.90	2.15
	Surface Type	Earthen	BFS	WBM/HBB/ Earthen	Earthen	BC/Earthen	WBM/Earthen	Earthen
	Surface Condition	Good	Good	Good	Fair	Good	Good	Good
	Alternative Route (km)	No	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13

District : Natore

Name of Thana		Sadar	Gurudashpur	Singra			Baraigram		
Serial Number		3	12	13	14	15	17	18	
Influence Area	Population (thousand)	15	30	40	20	20	25	12	
	Main Industry	Agriculture	Agriculture, Commercial	Agriculture	Agriculture	Agriculture	Agriculture, Fishery	Agriculture	
	Major Agricultural Product	Rice, Jute, S.Cane	Rice, Wheat, Jute	Rice, Wheat, Jute	Rice	Rice, Jute, S.Cane	Rice, Jute, S.Cane	Rice, Jute, Pulse	
	Number of Public Facilities	School	5	10	9	8	8	8	2
		Clinic	1	2	2	1	1	1	1
		Bazar	2	2	3	1	2	2	1
		Mosque	5	16	18	9	8	10	5
		Gov't Office	1	12	3	0	2	2	1
Others		5	6	8	2	3	3	3	
Total		19	48	43	21	24	26	13	
Traffic Volume	Passenger Car	4	15	12	4	12	6	5	
	Pickup/Truck	5/8	12/8	8/16	2/8	10/8	4/8	2/8	
	Bus	4	6	8	4	6	4	2	
	Motorcycle	10	35	30	20	20	30	15	
	Rickshaw	120	190	180	80	120	120	120	
	Autorickshaw	12	20	15	12	10	10	8	
	Bullock Cart	8	15	6	15	6	12	16	
	Pedestrian	900	3000	1800	1200	1500	2000	950	
Bridge Site Condition	Landuse	Farm	Residence	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	Yes	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	1280	No	500	No	No	No	
	Number of Houses to be Relocated	No	9	No	No	No	No	No	
	Other Obstruction to be Relocated	No	80 trees	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	65	105	90	50	50	50	60	
	Span Arrangement	20m+25m+20m	20m+20m+25m+20m+20m	5m+20m+3+15	15m+20m+15m	15m+20m+15m	15m+20m+15m	3x20m	
	Abutment Height (m)	3.80	5.60	6.60	5.00	4.00	4.60	4.80	
	Pier Height (m)	7.00	9.50	9.40	7.60	6.30	5.90	6.80	
Remarks	<p>Local people informed that during high flood drainage congestion occurs for passing of flood and rainwater. So a higher bridge length is recommended.</p> <p>South approach of the bridge is located in Gurudaspur Pourashava. This end require additional land acquisition and relocation of 8 (eight) semi pucca & kacha hut and removal of trees. North end approach require relocation of 1 (one) hut.</p> <p>The connecting road is 50m south of Zia Khal embankment. New approach will be required for this 50m length.</p> <p>The river is closed and water width have been narrowed due to construction of cross dam. So, smaller bridge length than the bank to bank width has been recommended.</p> <p>At Chandai end of proposed bridge requires 90m embankment and Satoll end requires 20m embankment of about 4m height.</p>								

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Natore

Name of Upazilla		Baraigram				Lalpur
Serial Number		19	20	21	22	23
Bridge Code		52-04-N2	52-04-N3	52-04-N4	52-04-N5	52-05-01
Road ID		169153013	Unidentified	169155070	Unidentified	169443022
Road Class		R1	R3	R3	R3	R1
Chainage (km)		1+800	1+900	2+250	0+500	2+250
Condition of Existing Bridge	Existing or not	Not Existing	Existing	Existing	Existing	Existing
	Bridge Length (m)		120.00	50.00	58.00	53.00
	Bridge Width (m)		0.20	0.20	0.20	0.20
	Carriageway Width (m)		0.20	0.20	0.20	0.20
	Superstructure Type		Bamboo	Bamboo	Bamboo	Bamboo
	Abutment Type		Bamboo	Bamboo	Bamboo	Bamboo
	Pier Type		Bamboo	Bamboo	Bamboo	Bamboo
	Usage of Bridge		Pedestrians only	Pedestrians only	Pedestrians only	Pedestrians only
	Condition		Weak	Weak	Weak	Weak
	Present Navigation Clearance Height (m)		2.00	0.80	1.70	1.80
River Condition	Bank to Bank Width (m)	48.00	120.00	45.00	55.00	62.00
	Highest Flood Water Width (m)	58.00	125.00	50.00	60.00	65.00
	Highest Flood Water Depth (m)	4.70	4.00	4.80	6.00	6.80
	Normal Flood Water Width (m)	50.00	120.00	43.00	55.00	40.00
	Normal Flood Water depth (m)	2.30	2.30	2.80	3.40	4.50
	Dry Season Water Width (m)	8.00	30.00	15.00	20.00	29.00
	Dry Season Water Depth (m)	0.40	0.65	0.80	0.60	0.80
	Tidal Fluctuation (m)	No	No	No	No	No
	Water Velocity	Medium	Medium	Fast	Fast	Fast
	Angle of Bridge to Stream (deg)	90	90	90	90	90
	Ferry Services	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.80	2.00	1.20	2.00	2.00
	Type of River Traffic	Cargo Engine boat	Cargo Engine boat	Engine boat	Cargo Engine boat	Cargo Engine boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.50	5.60	10.00	5.30	6.20
	Carriageway Width (m)	4.50	3.68	4.30	5.30	3.68
	Embankment Height (m)	0.40	1.60	0.40	1.60	1.00
	Surface Type	Earthen	WBM/Earthen	Earthen	Earthen	WBM
	Surface Condition	Very bad	Good	Bad	Fair	Good
	Alternative Route (km)	No	No	No	6.00	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13

District : Natore

Name of Thana		Baraigram				Laipur	
Serial Number		19	20	21	22	23	
Influence Area	Population (thousand)	15	20	15	20	20	
	Main Industry	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture	
	Major Agricultural Product	Rice, Jute, S.Cane	Rice, Fruit, Jute, S.Cane	Rice, Jute, S.Cane	Rice, Jute, Fruit, Pulse, S.Cane	Rice, Fruit, Jute	
	Number of Public Facilities	School	3	6	8	4	9
		Clinic	1	1	1	2	2
		Bazar	1	2	1	1	2
		Mosque	4	8	6	8	7
		Gov't Office	1	1	0	1	1
		Others	3	4	3	3	4
Total		13	22	19	19	25	
Traffic Volume	Passenger Car	3	5	3	3	10	
	Pickup/Truck	4/6	3/4	3/5	2/4	8/10	
	Bus	2	2	2	2	4	
	Motorcycle	15	25	20	20	25	
	Rickshaw	80	120	130	80	145	
	Autorickshaw	6	10	10	8	10	
	Bullock Cart	12	16	10	16	12	
	Pedestrian	1600	1500	1600	1500	1500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	Yes	Yes	No	Yes	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	1960	1100	No	1300	1200	
	Number of Houses to be Relocated	No	No	No	1	1	
	Other Obstruction to be Relocated	No	15 trees	No	15 trees	10 trees	
Proposed Bridge	Bridge Length (m)	50	120	50	60	65	
	Span Arrangement	15m+20m+15m	20m+4x25m	15m+20m+15m	3x20m	20m+25m+20m	
	Abutment Height (m)	4.50	5.20	3.60	4.00	4.30	
	Pier Height (m)	6.50	6.00	6.00	6.00	6.80	
Remarks	North approach required additional land acquisition, but no relocation will be required.	The main flow channel is 70m. The flow is reduced due to construction of regulator at upstream (7km). Additional land is to be acquired.		Existing approach road on the western side requires improvement.	Land acquisition will be required on south approach.		

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Sirajganj

Name of Upazila		Sirajganj Sadar					Chowhall		
Serial Number		1	2	3	5	6	7	8	9
Bridge Code		55-01-01	55-01-02	55-01-03	55-01-N1	55-01-N2	55-02-01	55-02-02	55-02-03
Road ID		188783038	188783066	188783004	188783003	188783003	188272002	188272001	188273002
Road Class		R1	R1	R1	R1	R1	FRB	FRB	R1
Chainage (km)		2+930	2+010	1+070	2+500	3+700	6+250	0+000	2+750
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Existing	Not Existing	Existing	Not Existing
	Bridge Length (m)					30.00		60.00	
	Bridge Width (m)					1.25		1.10	
	Carriageway Width (m)					0.90		0.90	
	Superstructure Type					Bamboo		Bamboo	
	Abutment Type					Bamboo		Bamboo	
	Pier Type					Bamboo		Bamboo	
	Usage of Bridge					Pedestrians, Rickshaw		Pedestrians, Rickshaw	
	Condition					Damaged		Fair	
	Present Navigation Clearance Height (m)					No		2.60	
River Condition	Bank to Bank Width (m)	200.00	62.00	25.00	30.00	40.00	60.00	65.00	48.00
	Highest Flood Water Width (m)	250.00	65.00	30.00	42.00	50.00	73.00	98.00	55.00
	Highest Flood Water Depth (m)	11.50	6.00	4.60	4.50	5.50	3.90	7.50	4.30
	Normal Flood Water Width (m)	180.00	60.00	15.00	40.00	10.00	60.00	20.00	48.00
	Normal Flood Water depth (m)	6.50	3.50	2.30	1.25	0.75	2.50	3.25	3.20
	Dry Season Water Width (m)	40.00	50.00	10.00	0.00	0.00	7.00	0.00	10.00
	Dry Season Water Depth (m)	1.50	1.50	1.25	0.00	0.00	0.30	0.00	0.30
	Tidal Fluctuation (m)	No	No	No	No	No	No	No	No
	Water Velocity	Medium	Medium	Slow	Slow	Slow	Fast	Fast	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	2.00	2.00	1.00	1.00	2.00	1.80	2.50	1.40
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Cargo Engine Boat	Country Boat	Engine Boat, Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.00	3.00	3.00	4.20	4.20	4.80	4.66	4.10
	Carriageway Width (m)	2.70	2.20	1.00	2.60	2.60	4.80	3.66	3.90
	Embankment Height (m)	1.50	1.50	0.75	1.20	1.50	2.40	1.50	1.80
	Surface Type	BC/Earthen	Earthen	Earthen	BC/WBM/ Earthen	BC/WBM/ Earthen	Earthen	Earthen	Earthen
	Surface Condition	Good	Fair	Bad	Good	Good	Good	Fair	Good
	Alternative Route (km)	No	No	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Sirajganj

Name of Thana		Sirajganj Sadar					Chowhali			
Serial Number		1	2	3	5	6	7	8	9	
Influence Area	Population (thousand)	100	80	10	85	90	15	50	8	
	Main Industry	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture	
	Major Agricultural Product	Rice, Wheat, Jute, Veg., S.Cane	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg., S.Cane	Rice, Wheat, Jute, Veg., S.Cane	Rice, Jute, S.Cane, Nut, Onion	Rice, Wheat, Jute, Veg., S.Cane	Rice, Wheat, Jute, Nut, Onion	
	Number of Public Facilities	School	35	20	4	15	15	9	20	5
		Clinic	12	4	4	7	5	1	7	1
		Bazar	15	7	3	4	4	2	5	1
		Mosque	30	15	10	20	20	6	20	6
		Gov't Office	10	5	2	5	4	2	18	1
Others		6	4	6	5	5	3	7	4	
Total		108	55	29	56	53	23	77	18	
Traffic Volume	Passenger Car	7	8	3	10	6	3	5	1	
	Pickup/Truck	15	20	5	15	10	4/7	6/12	1/2	
	Bus	3	4	3	4	5	4	4	1	
	Motorcycle	250	100	100	150	180	15	75	10	
	Rickshaw	200	250	100	200	200	120	150	100	
	Autorickshaw	6	10	2	7	12	12	5	10	
	Bullock Cart	3	0	0	0	5	4	15	40	
	Pedestrian	3000	2000	1000	2000	1800	1750	1800	800	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	4 Shops, 3 Trees	No	10 Trees	
Proposed Bridge	Bridge Length (m)	200	65	25	30	40	60	65	50	
	Span Arrangement	8x25m	20m+25m+20m	1x25m	1x30m	10m+20m+10m	3x20m	20m+25m+20m	15m+20m+15m	
	Abutment Height (m)	5.00	3.25	3.50	3.10	3.60	3.80	3.65	3.10	
	Pier Height (m)	10.60	8.00	-	-	7.20	5.70	9.00	5.70	
Remarks										

BRIDGE SITE SURVEY DATA- 1

Zone No: 13
District : Sirajganj

Name of Upazila		Kamarkhanda	Belkuchl		Roygonj		Tarash	
Serial Number		11	13	14	15	16	17	18
Bridge Code		55-03-02	55-04-01	55-04-02	55-05-01	55-05-02	55-06-01	55-06-02
Road ID		188445010	188113012	188113014	188812002	188812008	188893003	188893003
Road Class		R3	R1	R1	FRB	FRB	R1	R1
Chainage (km)		1+655	1+380	5+400	4+300	5+570	6+550	9+700
Condition of Existing Bridge	Existing or not	Not Existing	Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)		114.00					
	Bridge Width (m)		2.18					
	Carriageway Width (m)		1.80					
	Superstructure Type		Bamboo					
	Abutment Type		Bamboo					
	Pier Type		Bamboo					
	Usage of Bridge		Pedestrians, R.Van					
	Condition		Weak					
	Present Navigation Clearance Height (m)		0.90					
River Condition	Bank to Bank Width (m)	43.00	100.00	120.00	210.00	205.00	50.00	80.00
	Highest Flood Water Width (m)	60.00	110.00	140.00	225.00	220.00	70.00	95.00
	Highest Flood Water Depth (m)	5.50	6.90	7.00	11.00	8.00	7.00	7.50
	Normal Flood Water Width (m)	15.00	105.00	120.00	200.00	200.00	20.00	60.00
	Normal Flood Water depth (m)	3.25	6.10	4.00	5.50	4.50	1.50	2.00
	Dry Season Water Width (m)	10.00	10.00	50.00	50.00	60.00	0.00	0.00
	Dry Season Water Depth (m)	1.50	0.40	1.50	1.50	1.50	0.00	0.00
	Tidal Fluctuation (m)	No	No	No	No	No	No	No
	Water Velocity	Slow	Medium	Medium	Medium	Medium	Slow	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.00	2.00	2.00	2.00	2.00	2.00	2.00
	Type of River Traffic	Country Boat	Big Engine Boat, Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound	Sound
	Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	Sound
Approach Road	Total Road Width (m)	3.50	4.30	4.50	7.32	7.32	4.50	4.20
	Carriageway Width (m)	2.40	4.30	3.66	3.66	3.66	2.66	3.05
	Embankment Height (m)	1.15	1.80	1.50	1.50	1.50	1.20	1.00
	Surface Type	HBB/Earthen	BC/Earthen	BC/Earthen	Earthen	BC	Earthen	Earthen
	Surface Condition	Good	Good	Good	Good	Good	Fair	Fair
	Alternative Route (km)	No	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Siraiganj

Name of Thana		Kamarkhanda	Belkuchi		Roygonj		Tarash		
Serial Number		11	13	14	15	16	17	18	
Influence Area	Population (thousand)	60	18	100	100	100	25	20	
	Main Industry	Agriculture, Manufacturing	Agriculture, Manufacturing	Agriculture, Cement Factory	Agriculture	Agriculture	Agriculture	Agriculture	
	Major Agricultural Product	Rice, Wheat, S.Cane, Veg.	Rice, Jute, Onion	Rice, Wheat, Jute, Veg., S.Cane	Rice, Wheat, Jute, Veg., S.Cane	Rice, Wheat, Jute, Veg., S.Cane	Rice, Wheat, Veg.	Rice, Wheat, Jute, Veg.	
	Number of Public Facilities	School	15	5	30	50	30	20	18
		Clinic	3	1	8	8	8	4	4
		Bazar	5	2	10	7	9	5	3
		Mosque	10	6	25	35	25	20	16
		Gov't Office	5	2	7	10	5	4	4
Others		5	3	7	7	6	3	4	
Total		43	19	87	117	83	56	49	
Traffic Volume	Passenger Car	10	4	20	12	15	4	4	
	Pickup/Truck	15	10	30	40	25	20	15	
	Bus	5	4	6	18	15	3	3	
	Motorcycle	100	18	180	350	150	75	100	
	Rickshaw	175	140	250	380	250	220	205	
	Autorickshaw	10	16	10	20	10	4	6	
	Bullock Cart	0	4	5	15	4	50	45	
	Pedestrian	1800	1100	4000	7000	7000	2000	1500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	Yes	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	50	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	2 Shops, 3 Trees	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	45	100	120	200	200	50	80	
	Span Arrangement	3x15m	5x20m	20m+4x25m	8x25m	8x25m	15m+20m+15m	2x15m+20m+2x15m	
	Abutment Height (m)	3.00	3.90	4.50	7.50	5.00	4.50	4.80	
	Pier Height (m)	7.00	8.90	9.00	10.00	10.00	8.50	9.00	
Remarks	Land acquisition of 50 sq.m will be necessary.								

BRIDGE SITE SURVEY DATA- 1

Zone No: 13
District : Sirajganj

Name of Upazila		Tarash	Ullapara				
Serial Number		19	21	22	23	25	26
Bridge Code		55-06-03	55-07-02	55-07-03	55-07-04	55-07-06	55-07-07
Road ID		188892002	188943074	188942006	188943036	188943006	188943060
Road Class		FRB	R1	FRB	R1	R1	R1
Chainage (km)		10+330	1+120	2+175	4+700	6+000	2+300
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Existing	Not Existing
	Bridge Length (m)					53.00	
	Bridge Width (m)					1.50	
	Carriageway Width (m)					1.30	
	Superstructure Type					Timber	
	Abutment Type					Wooden	
	Pier Type					Wooden	
	Usage of Bridge					Light Vehicles, Pedestrians	
	Condition					Damaged	
	Present Navigation Clearance Height (m)					1.50	
River Condition	Bank to Bank Width (m)	60.00	30.00	210.00	60.00	55.00	62.00
	Highest Flood Water Width (m)	70.00	45.00	230.00	75.00	75.00	75.00
	Highest Flood Water Depth (m)	8.00	4.50	10.50	4.50	7.00	5.50
	Normal Flood Water Width (m)	40.00	16.00	145.00	50.00	25.00	40.00
	Normal Flood Water depth (m)	5.65	1.50	7.50	1.30	4.80	2.50
	Dry Season Water Width (m)	18.00	0.00	120.00	0.00	0.00	0.00
	Dry Season Water Depth (m)	1.75	0.00	5.00	0.00	0.00	0.00
	Tidal Fluctuation (m)	No	No	No	No	No	No
	Water Velocity	Medium	Slow	Medium	Slow	Slow	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	2.00	2.00	3.00	2.00	2.00	2.00
	Type of River Traffic	Country Boat	Country Boat	Country Boat, Launch	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	7.32	3.00	7.32	4.80	4.90	3.50
	Carriageway Width (m)	3.70	2.00	3.66	3.05	3.05	2.80
	Embankment Height (m)	2.45	1.00	2.00	1.50	1.20	1.20
	Surface Type	BC/HBB	Earthen	BC/Earthen	Earthen	BC/Earthen	Earthen
	Surface Condition	Good	Fair	Good	Good	Good	Good
	Alternative Route (km)	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Sirajganj

Name of Thana		Tarash		Ullapara				
Serial Number		19	21	22	23	25	26	
Influence Area	Population (thousand)	50	50	200	40	75	30	
	Main Industry	Agriculture	Agriculture	Agriculture, Manufacturing, Husking Mill-50 nos, Cold Storage-3 nos	Agriculture	Agriculture, Husking Mill-20 nos, Saw Mill 5 nos	Agriculture	
	Major Agricultural Product	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, S.Cane, Veg.	Rice, Wheat, S.Cane, Veg.	Rice, Wheat, S.Cane, Veg.	
	Number of Public Facilities	School	30	20	25	25	32	20
		Clinic	7	4	10	10	12	7
		Bazar	15	4	15	10	8	5
		Mosque	40	25	25	24	40	30
		Gov't Office	14	4	19	6	3	4
Others		7	5	10	7	6	3	
	Total	113	62	104	82	99	69	
Traffic Volume	Passenger Car	4	5	50	8	8	8	
	Pickup/Truck	15	8	50	15	30	10	
	Bus	5	2	30	2	4	2	
	Motorcycle	150	75	100	100	100	150	
	Rickshaw	200	200	250	250	250	225	
	Autrickshaw	10	5	20	6	10	5	
	Bullock Cart	6	2	0	3	0	3	
	Pedestrian	4000	1000	3000	4000	3000	1500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	
	Number of Houses to be Relocated	1 Club Room	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	60	30	200	60	50	60	
	Span Arrangement	3x20m	1x30m	8x25m	3x20m	15m+20m+15m	3x20m	
	Abutment Height (m)	3.75	3.50	4.50	3.75	3.90	4.25	
	Pier Height (m)	9.25	-	13.50	6.00	8.50	7.00	
Remarks		Relocation of 1 (one) Club Room will be necessary.		Processing for Tender Invitation is being done under LBC project.				

BRIDGE SITE SURVEY DATA- 1

Zone No: 13
District : Sirajganj

Name of Upazila		Ullapara					
Serial Number		27	28	29	31	32	33
Bridge Code		55-07-08	55-07-09	55-07-10	55-07-12	55-07-13	55-07-N1
Road ID		188943059	188943074	188943038	188943063	188943024	188942007
Road Class		R1	R1	R1	R1	R1	FRB
Chainage (km)		0+650	2+150	3+050	2+900	3+950	2+250
Condition of Existing Bridge	Existing or not	Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)	90.00					
	Bridge Width (m)	0.45					
	Carriageway Width (m)	0.45					
	Superstructure Type	Bamboo					
	Abutment Type	Bamboo					
	Pier Type	Bamboo					
	Usage of Bridge	Pedestrians					
	Condition	Damaged					
	Present Navigation Clearance Height (m)	No					
River Condition	Bank to Bank Width (m)	61.00	65.00	39.00	25.00	48.00	212.00
	Highest Flood Water Width (m)	70.00	85.00	50.00	30.00	56.00	230.00
	Highest Flood Water Depth (m)	5.50	7.00	7.50	4.50	7.50	18.00
	Normal Flood Water Width (m)	40.00	29.00	40.00	8.00	40.00	197.00
	Normal Flood Water depth (m)	1.50	4.25	3.30	0.45	4.50	13.50
	Dry Season Water Width (m)	0.00	0.00	0.00	0.00	15.00	100.00
	Dry Season Water Depth (m)	0.00	0.00	0.00	0.00	0.75	8.40
	Tidal Fluctuation (m)	No	No	No	No	No	No
	Water Velocity	Medium	Slow	Slow	Medium	Slow	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	Yes
	Required Navigation Clearance Height (m)	2.00	2.00	2.00	2.00	2.00	2.50
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat, Launch
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Eroded
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.80	3.00	4.87	3.00	3.50	7.32
	Carriageway Width (m)	3.05	2.75	2.80	2.66	2.80	3.66
	Embankment Height (m)	1.50	1.30	1.70	1.30	2.00	2.00
	Surface Type	Earthen	Earthen	Earthen	Earthen	BC/Earthen	BC/Earthen
	Surface Condition	Good	Good	Fair	Good	Good	Good
	Alternative Route (km)	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Sirajganj

Name of Thana		Ullapara						
Serial Number		27	28	29	31	32	33	
Influence Area	Population (thousand)	60	50	30	80	70	90	
	Main Industry	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture, Husking Mill-20 nos	Agriculture	
	Major Agricultural Product	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, S.Cane, Veg.	
	Number of Public Facilities	School	40	45	25	10	25	30
		Clinic	7	6	6	4	8	9
		Bazar	4	7	6	5	9	11
		Mosque	20	25	30	10	20	40
		Gov't Office	10	5	4	5	4	15
		Others	6	8	5	6	7	7
Total		87	96	76	40	73	112	
Traffic Volume	Passenger Car	20	5	15	40	6	50	
	Pickup/Truck	30	20	20	50	15	70	
	Bus	10	4	5	30	4	20	
	Motorcycle	180	100	125	200	60	200	
	Rickshaw	200	150	200	180	200	180	
	Autorickshaw	10	14	10	10	5	15	
	Bullock Cart	4	0	0	4	0	0	
	Pedestrian	1400	1200	2500	2500	2000	2000	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	60	60	40	25	60	200	
	Span Arrangement	3x20m	3x20m	10m+20m+10m	1x25m	15m+20m+15m	8x25m	
	Abutment Height (m)	3.90	4.50	4.00	3.50	5.60	6.00	
	Pier Height (m)	7.00	8.50	9.00	-	9.50	8.50	
Remarks								

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Sirajganj

Name of Upazila		Ullapara		Kazipur	Shahjadpur
Serial Number		34	35	36	37
Bridge Code		55-07-N2	55-07-N3	55-08-01	55-09-01
Road ID		188943038	188943009	188503022	188873022
Road Class		R1	R1	R1	R1
Chainage (km)		4+040	3+200	3+350	5+000
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)				
	Bridge Width (m)				
	Carriageway Width (m)				
	Superstructure Type				
	Abutment Type				
	Pier Type				
	Usage of Bridge				
	Condition				
	Present Navigation Clearance Height (m)				
River Condition	Bank to Bank Width (m)	42.00	55.00	95.00	80.00
	Highest Flood Water Width (m)	60.00	60.00	120.00	95.00
	Highest Flood Water Depth (m)	4.50	5.50	12.00	7.50
	Normal Flood Water Width (m)	25.00	20.00	90.00	50.00
	Normal Flood Water depth (m)	3.50	2.50	9.40	3.50
	Dry Season Water Width (m)	0.00	0.00	70.00	0.00
	Dry Season Water Depth (m)	0.00	0.00	8.70	0.00
	Tidal Fluctuation (m)	No	No	No	No
	Water Velocity	Medium	Medium	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90
	Ferry Services	No	No	No	No
	Required Navigation Clearance Height (m)	2.00	2.00	2.00	2.50
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat
Condition of Bank	Sound	Sound	Eroded	Eroded	
Condition of Riverbed	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	3.80	3.40	3.50	3.88
	Carriageway Width (m)	3.05	2.80	2.66	2.88
	Embankment Height (m)	1.40	1.00	1.30	1.80
	Surface Type	Earthen	Earthen	BC/WBM/ Earthen	BC/WBM/ Earthen
	Surface Condition	Good	Good	Good	Good
	Alternative Route (km)	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Sirajganj

Name of Thana		Ullapara		Kazipur	Shahjadpur	
Serial Number		34	35	36	37	
Influence Area	Population (thousand)	35	25	100	30	
	Main Industry	Agriculture	Agriculture, Husking Mill-10 nos	Agriculture	Agriculture	
	Major Agricultural Product	Rice, Wheat, Jute, S.Cane	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg., S.Cane, Bhutta	Rice, Wheat, Jute, Veg.	
	Number of Public Facilities	School	25	20	20	20
		Clinic	6	5	6	4
		Bazar	6	4	6	2
		Mosque	10	30	25	15
		Gov't Office	4	7	5	2
Others		6	10	7	5	
	Total	56	76	71	48	
Traffic Volume	Passenger Car	10	30	15	5	
	Pickup/Truck	20	25	12	10	
	Bus	2	4	10	4	
	Motorcycle	130	60	150	125	
	Rickshaw	200	200	250	300	
	Auto-rickshaw	5	10	10	10	
	Bullock Cart	4	0	0	0	
	Pedestrian	3000	2500	3500	5000	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	
Proposed Bridge	Bridge Length (m)	40	50	100	60	
	Span Arrangement	10m+20m+10m	15m+20m+15m	5x20m	2x15m+20m+2x15m	
	Abutment Height (m)	3.75	4.00	4.75	4.50	
	Pier Height (m)	6.00	7.00	10.50	9.50	
Remarks					Tendered under ORET Programme	

BRIDGE SITE SURVEY DATA- 1

Zone No: 13
District : Pabna

Name of Upazila		Sadar	Chatmohar			Faridpur	
Serial Number		2	3	5	12	13	14
Bridge Code		56-01-02	56-02-01	56-02-03	56-02-10	56-03-01	56-03-02
Road ID		176553120	176223017	176223032	176222006	176332001	176333002
Road Class		R1	R1	R1	FRB	FRB	R1
Chainage (km)		3+000	6+895	4+200	4+195	1+350	2+510
Condition of Existing Bridge	Existing or not	Not Existing	Existing	Not Existing	Not Existing	Existing	Not Existing
	Bridge Length (m)		32.60			75.00	
	Bridge Width (m)		2.10			2.10	
	Carriageway Width (m)		1.60			1.80	
	Superstructure Type		Bamboo			Bamboo	
	Abutment Type		Bamboo			Bamboo	
	Pier Type		Bamboo			Bamboo	
	Usage of Bridge		Pedestrians/ R.Van			Pedestrians only	
	Condition		Waak			Damaged	
	Present Navigation Clearance Height (m)			1.70			1.70
River Condition	Bank to Bank Width (m)	101.00	82	155.00	88.00	78.00	171.00
	Highest Flood Water Width (m)	110.00	82.00	165.00	110.00	80.00	252.00
	Highest Flood Water Depth (m)	5.30	3.18	8.80	8.90	10.40	17.80
	Normal Flood Water Width (m)	62.00	70.00	155.00	80.00	70.00	171.00
	Normal Flood Water depth (m)	2.10	2.10	6.50	6.50	8.40	15.60
	Dry Season Water Width (m)	10.00	18.00	20.00	18.00	30.00	70.00
	Dry Season Water Depth (m)	0.30	0.30	0.30	0.30	1.20	5.70
	Tidal Fluctuation (m)	No	No	No	No	No	No
	Water Velocity	Medium	Slow	Fast	Fast	Slow	Fast
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.80	1.20	3.00	2.95	1.50	3.00
	Type of River Traffic	Cargo Engine boat	Country boat	Big Cargo Engine boat	Big Cargo Engine boat	Country boat	Big Cargo Engine boat
	Condition of Bank	Sound	Sound	Eroded	Eroded	Sound	Eroded
	Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound
Approach Road	Total Road Width (m)	5.90	4.80	4.50	5.89	5.30	4.20
	Carriageway Width (m)	5.90	3.66	4.50	3.66	3.25	3.10
	Embankment Height (m)	3.90	0.90	3.70	2.70	2.15	0.60
	Surface Type	BC/Earthen	BC	Earthen	BC/Earthen	BC/HBB/ Earthen	BC/HBB
	Surface Condition	Good	Good	Good	Good	Good	Good
	Alternative Route (km)	No	6.00	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13

District : Pabna

Name of Thana		Sadar	Chatmohor			Faridpur		
Serial Number		2	3	5	12	13	14	
Influence Area	Population (thousand)	20	12	20	25	15	21	
	Main Industry	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture	Agriculture	
	Major Agricultural Product	Rice, Veg. S.Cane	Rice, Wheat, Veg. S.Cane	Rice, Jute, M.Sheed	Rice, Jute, M.Sheed, S.Cane	Rice, Wheat, M.Sheed, S.Cane	Rice, Pulse, M.Sheed, S.Cane	
	Number of Public Facilities	School	5	8	7	6	8	12
		Clinic	1	1	1	1	2	2
		Bazar	2	2	2	2	2	2
		Mosque	8	8	8	10	10	10
		Gov't Office	1	3	2	4	15	2
Others		3	3	5	6	6	2	
Total		20	25	25	29	43	30	
Traffic Volume	Passenger Car	8	10	5	8	10	12	
	Pickup/Truck	5/12	6/8	4/8	6/8	6/9	8/12	
	Bus	8	2	4	4	5	4	
	Motorcycle	12	20	20	15	40	25	
	Rickshaw	70	110	120	140	140	120	
	Autorickshaw	15	12	10	10	12	16	
	Bullock Cart	10	8	10	6	6	9	
	Pedestrian	600	1200	1200	2000	2000	1200	
Bridge Site Condition	Landuse	Farm	Residence	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	Yes	No	Yes	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	900	No	640	
	Number of Houses to be Relocated	No	No	No	2	No	No	
	Other Obstruction to be Relocated	No	4 Wooden Box Shop, 8 Trees, 1 Electric Pole	4 Trees	4 Shops, 15 Trees 2 Huts	No	2 Huts, 3 Box Shops	
Proposed Bridge	Bridge Length (m)	100	80	180	90	80	180	
	Span Arrangement	5x20m	2x15m+20m+2x15m	20m+4x25m+2x20m	15m+3x20m+15m	2x15m+20m+2x15m	4x20m+4x25m	
	Abutment Height (m)	4.50	3.50	5.80	6.15	4.70	7.00	
	Pier Height (m)	7.80	4.50	10.50	10.00	10.00	20.00	
Remarks			It is a dead river and there is no flow.	The right bank approach (west side) road 500m situated along the bank of the river and having a tendency of erosion.	The riverbanks at both sides have tendency for erosion.			

BRIDGE SITE SURVEY DATA- 1

Zone No: 13
District : Pabna

Name of Upazila		Faridpur			Bhangura	Sathia	Atghoria
Serial Number		15	16	17	20	23	33
Bridge Code		56-03-03	56-03-04	56-03-05	56-04-03	56-06-01	56-08-N1
Road ID		176335042	176333005	176333005	176192002	176723045	176052002
Road Class		R3	R1	R1	FR8	R1	FR8
Chainage (km)		3+000	1+500	2+500	0+640	3+150	6+125
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Existing
	Bridge Length (m)						81.00
	Bridge Width (m)						2.80
	Carriageway Width (m)						2.25
	Superstructure Type						Bamboo
	Abutment Type						Bamboo
	Pier Type						Bamboo
	Usage of Bridge						Pedestrians/ R.Van
	Condition						Weak
	Present Navigation Clearance Height (m)						2.10
River Condition	Bank to Bank Width (m)	142.00	83.00	86.00	219.00	75.00	90.00
	Highest Flood Water Width (m)	160.00	100.00	100.00	219.00	80.00	110.00
	Highest Flood Water Depth (m)	17.88	13.60	13.90	14.30	6.20	8.30
	Normal Flood Water Width (m)	142.00	92.00	80.00	196.00	58.00	100.00
	Normal Flood Water depth (m)	15.40	10.80	11.70	9.84	3.80	5.10
	Dry Season Water Width (m)	55.00	20.00	22.00	98.00	13.00	48.00
	Dry Season Water Depth (m)	5.60	2.18	2.10	2.60	0.80	0.90
	Tidal Fluctuation (m)	No	No	No	No	No	No
	Water Velocity	Fast	Fast	Fast	Fast	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	3.00	3.00	3.00	2.88	1.00	2.00
	Type of River Traffic	Big Cargo Engine boat	Big Cargo Engine boat	Big Cargo Engine boat	Big Cargo Engine boat	Country boat	Cargo Engine boat
	Condition of Bank	Eroded	Sound	Sound	Eroded	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.10	5.10	4.20	5.25	6.90	5.10
	Carriageway Width (m)	2.18	5.10	4.20	3.66	6.90	3.66
	Embankment Height (m)	0.50	1.08	1.30	4.80	3.80	0.50
	Surface Type	HBB/Earthen	Earthen	Earthen	BC	BC/Earthen	BC/HBB
	Surface Condition	Good	Good	Good	Good	Good	Good
	Alternative Route (km)	No	6.50	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Pabna

Name of Thana		Faridpur			Bhangura	Sathla	Atgoria	
Serial Number		15	16	17	20	23	33	
Influence Area	Population (thousand)	20	15	12	30	18	25	
	Main Industry	Agriculture	Agriculture	Agriculture	Commercial	Agriculture	Commercial	
	Major Agricultural Product	Rice, Pulse, M.Sheed	Rice, Wheat, Jute	Rice, Pulse, M.Sheed	Rice, Jute, S.Cane	Rice, S.Cane Veg.	Rice, Jute, S.Cane, Wheat, Pulse, M.Sheed, Veg.	
	Number of Public Facilities	School	10	5	5	8	4	8
		Clinic	2	1	1	2	1	2
		Bazar	2	2	2	2	1	2
		Mosque	10	6	7	12	7	8
		Gov't Office	2	2	2	15	1	2
Others		3	4	2	6	4	4	
	Total	29	20	19	45	18	24	
Traffic Volume	Passenger Car	10	6	4	15	5	10	
	Pickup/Truck	4/8	4/8	2/5	8/20	4/6	6/10	
	Bus	6	2	2	8	4	6	
	Motorcycle	20	20	15	30	10	25	
	Rickshaw	110	190	110	180	90	140	
	Autorickshaw	12	10	12	20	12	15	
	Bullock Cart	8	8	8	10	6	4	
	Pedestrian	1500	2000	600	2500	750	1800	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Residence	Farm	Commercial	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	Yes	Yes	No	Yes	Yes	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	800	3100	No	1620	3000	No	
	Number of Houses to be Relocated	No	No	No	1	10	No	
	Other Obstruction to be Relocated	15 Trees, 3 Wooden Box Shops	2 Trees	No	8 Trees	150 Trees	3 Wooden Box Shops	
Proposed Bridge	Bridge Length (m)	150	90	90	200	75	95	
	Span Arrangement	8x25m	15m+3x20m+15m	15m+3x20m+15m	8x25m	3x25m	15m+4x20m	
	Abutment Height (m)	6.30	6.30	6.50	8.04	3.40	8.00	
	Pier Height (m)	20.00	15.00	15.00	15.00	6.40	9.50	
Remarks				This bridge located only 1m U/S of bridge 58-03-04.		Land acquisition will be required to connect the bridge to the approach road at the north side.		

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Bogra

Name of Upazila		Sadar					Sherpur	
Serial Number		2	4	6	8	9	13	14
Bridge Code		57-01-02	57-01-04	57-01-06	57-01-N1	57-01-N2	57-02-N1	57-02-N2
Road ID		110203019	110203017	110203071	110203070	110203005	110883006	110883001
Road Class		R1	R1	R1	R1	R1	R1	R1
Chainage (km)		7+250	10+250	0+350	0+200	1+150	8+750	8+400
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)							
	Bridge Width (m)							
	Carriageway Width (m)							
	Superstructure Type							
	Abutment Type							
	Pier Type							
	Usage of Bridge							
	Condition							
	Present Navigation Clearance Height (m)							
River Condition	Bank to Bank Width (m)	60.00	65.00	65.00	76.00	37.00	150.00	146.00
	Highest Flood Water Width (m)	65.00	70.00	80.00	85.00	40.00	160.00	150.00
	Highest Flood Water Depth (m)	7.00	7.20	6.00	8.00	5.00	12.50	15.00
	Normal Flood Water Width (m)	45.00	50.00	35.00	45.00	20.00	60.00	100.00
	Normal Flood Water depth (m)	3.25	3.30	2.75	3.50	3.00	5.00	7.40
	Dry Season Water Width (m)	7.00	15.00	12.00	10.00	10.00	20.00	60.00
	Dry Season Water Depth (m)	1.00	1.00	1.00	2.25	1.50	0.50	1.60
	Tidal Fluctuation (m)	No	No	No	No	No	No	No
	Water Velocity	Fast	Medlum	Medium	Medlum	Slow	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	2.00	2.00	2.00	2.00	1.00	2.50	2.50
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Sound	Sound	Eroded	Sound	Eroded	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	3.10	3.50	3.50	6.50	7.00	4.00	4.00
	Carriageway Width (m)	2.66	2.66	2.66	3.66	3.05	3.60	2.80
	Embankment Height (m)	1.75	1.75	1.50	1.00	1.75	1.75	1.25
	Surface Type	BC/HBB/ Earthen	BC/HBB/ Earthen	BC/Earthen	BC/HBB/ Earthen	BC/WBM/ Earthen	BC/Earthen	BC/Earthen
	Surface Condition	Good	Good	Good	Good	Good	Good	Good
	Alternative Route (km)	No	No	No	No	No	10.50	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13

District : Bogra

Name of Thana		Sadar					Sherpur		
Serial Number		2	4	6	8	9	13	14	
Influence Area	Population (thousand)	30	30	50	35	20	300	50	
	Main Industry	Agriculture	Agriculture	Agriculture, Fishery, Manufacturing	Agriculture, Fishery, Manufacturing, Commercial	Agriculture, Fishery, Husking mill-2 nos	Agriculture, Fishery, Soap Factory, Husking mill-2 nos	Agriculture	
	Major Agricultural Product	Rice, Wheat, Jute, Veg., Banana, Green Chill	Rice, Wheat, Jute, Veg., Bhutta	Rice, Wheat, Jute, Veg., Banana	Rice, Wheat, Jute, Veg., Banana	Rice, Wheat, Jute, Veg., Banana	Rice, Wheat, Jute, Veg., Bhutta	Rice, Wheat, Jute, Veg., Bhutta, Green Chill	
	Number of Public Facilities	School	15	12	15	10	10	16	15
		Clinic	2	3	4	8	5	10	4
		Bazar	10	4	6	4	7	7	7
		Mosque	25	10	20	15	10	25	24
		Gov't Office	3	1	10	7	4	5	3
Others		4	5	5	6	5	5	5	
Total		59	35	60	50	41	68	58	
Traffic Volume	Passenger Car	4	5	5	10	6	10	5	
	Pickup/Truck	20	15	50	15	10	20	10	
	Bus	10	6	15	6	8	18	2	
	Motorcycle	100	100	150	180	100	150	100	
	Rickshaw	150	250	200	250	150	200	150	
	Autorickshaw	5	7	20	10	7	15	5	
	Bullock Cart	3	0	0	0	0	12	3	
	Pedestrian	1800	1500	1000	5500	1500	2500	1200	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	60	60	60	80	40	150	150	
	Span Arrangement	3x20m	3x20m	3x20m	2x15m+20m+2x15m	10m+20m+10m	6x25m	6x25m	
	Abutment Height (m)	3.80	3.75	3.90	4.50	3.00	5.25	4.50	
	Pier Height (m)	8.50	8.45	7.50	9.00	6.75	10.50	16.00	
Remarks									

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Bogra

Name of Upazilla		Sherpur			Gabtali			
Serial Number		15	16	17	25	26	27	28
Bridge Code		57-02-N3	57-02-N4	57-02-N5	57-03-N1	57-03-N2	57-03-N3	57-03-N4
Road ID		110883006	110883006	110883047	110403054	110403040	110403007	110403033
Road Class		R1	R1	R1	R1	R1	R1	R1
Chainage (km)		5+750	6+150	0+420	1+750	2+950	3+750	1+850
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)							
	Bridge Width (m)							
	Carriageway Width (m)							
	Superstructure Type							
	Abutment Type							
	Pier Type							
	Usage of Bridge							
	Condition							
	Present Navigation Clearance Height (m)							
River Condition	Bank to Bank Width (m)	46.00	36.00	96.00	57.00	63.00	90.00	93.00
	Highest Flood Water Width (m)	50.00	40.00	110.00	60.00	65.00	95.00	95.00
	Highest Flood Water Depth (m)	4.50	5.50	6.00	10.00	8.50	5.50	5.50
	Normal Flood Water Width (m)	10.00	30.00	50.00	30.00	50.00	70.00	20.00
	Normal Flood Water depth (m)	2.50	2.50	3.00	5.50	3.75	2.50	3.00
	Dry Season Water Width (m)	5.00	20.00	30.00	25.00	10.00	10.00	10.00
	Dry Season Water Depth (m)	0.40	1.00	1.00	2.50	1.25	0.50	0.30
	Tidal Fluctuation (m)	No	No	No	No	No	No	No
	Water Velocity	Medium	Medium	Medium	Medium	Medium	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.50	1.50	2.50	2.00	1.00	2.00	2.00
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	4.40	4.40	4.30	2.80	3.00	3.10	3.00
	Carriageway Width (m)	3.66	3.35	3.05	1.80	2.40	2.00	2.00
	Embankment Height (m)	2.27	2.25	1.00	0.75	1.25	1.00	1.00
	Surface Type	BC/Earthen	BC/Earthen	BC/Earthen	Earthen	Earthen	Earthen	Earthen
	Surface Condition	Good	Good	Good	Fair	Good	Good	Good
	Alternative Route (km)	No	No	No	2.50	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Bogra

Name of Thana		Sherpur			Gabtali				
Serial Number		15	16	17	25	26	27	28	
Influence Area	Population (thousand)	300	300	100	50	15	50	12	
	Main Industry	Agriculture	Agriculture	Agriculture, Fishery, Husking mill-8 nos	Agriculture, Husking mill-6 nos	Agriculture, Husking mill-4 nos	Agriculture, Husking mill-20 nos	Agriculture, Husking mill-5 nos	
	Major Agricultural Product	Rice, Wheat, Jute, Veg., Bhutta	Rice, Wheat, Jute, Veg., Bhutta	Rice, Wheat, Jute, Veg., Bhutta	Rice, Wheat, Jute, Veg., Green Chilli	Rice, Wheat, Jute, Veg., Potato	Rice, Wheat, Jute, Veg., Green Chilli, Banana	Rice, Wheat, Jute, Veg., Green Chilli	
	Number of Public Facilities	School	16	16	6	8	7	8	5
		Clinic	5	5	3	3	4	2	1
		Bazar	5	5	2	3	4	4	1
		Mosque	12	12	10	5	6	10	4
		Gov't Office	5	5	4	3	4	2	2
Others		5	5	5	4	5	4	4	
Total		48	48	30	26	30	30	17	
Traffic Volume	Passenger Car	10	10	10	3	5	4	3	
	Pickup/Truck	20	18	12	7	6	10	5	
	Bus	18	18	5	5	2	4	2	
	Motorcycle	150	150	180	100	100	50	60	
	Rickshaw	150	200	200	175	150	200	150	
	Autorickshaw	15	15	10	3	3	5	4	
	Bullock Cart	12	12	3	0	0	0	0	
	Pedestrian	2500	2500	2000	1100	1200	2000	1500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	45	35	100	60	60	90	90	
	Span Arrangement	3x15m	10m+15m+10m	5x20m	3x20m	3x20m	15m+3x20m+15m	15m+3x20m+15m	
	Abutment Height (m)	4.50	4.50	4.50	4.90	4.50	4.00	4.50	
	Pier Height (m)	6.50	7.00	7.00	10.00	7.50	7.00	7.50	
Remarks									

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Bogra

Name of Upazila		Gabtali					Nandigram
Serial Number	30	31	32	33	34	37	
Bridge Code	57-03-N6	57-03-N7	57-03-N8	57-03-N9	57-03-N10	57-04-03	
Road ID	110404001	110403048	110403030	110403042	110404036	110673011	
Road Class	R2	R1	R1	R1	R2	R1	
Chainage (km)	2+210	0+010	1+210	2+250	7+450	0+000	
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Existing	Existing	Not Existing	Existing
	Bridge Length (m)			7.50	3.00		60.00
	Bridge Width (m)			3.30	3.65		1.50
	Carriageway Width (m)			3.05	3.05		1.00
	Superstructure Type			RC	RC		Bamboo
	Abutment Type			RC Reversed T. Type	RC Pile-bent		Bamboo
	Pier Type			RC Column	RC Wall Type		Bamboo
	Usage of Bridge			All Vehicles, Pedestrians	Light Vehicles		Pedestrians, Rickshaw, Van
	Condition			Collapsed	Collapsed		Damaged
	Present Navigation Clearance Height (m)			No	No		1.00
River Condition	Bank to Bank Width (m)	32.00	43.00	36.00	30.00	47.00	60.00
	Highest Flood Water Width (m)	35.00	44.00	42.00	32.00	60.00	61.00
	Highest Flood Water Depth (m)	5.00	7.00	7.00	5.50	3.00	8.50
	Normal Flood Water Width (m)	15.00	35.00	10.00	5.00	10.00	40.00
	Normal Flood Water depth (m)	1.50	5.00	4.50	2.50	1.50	3.85
	Dry Season Water Width (m)	5.00	20.00	4.00	3.00	0.00	15.00
	Dry Season Water Depth (m)	0.30	2.25	2.00	0.30	0.00	1.00
	Tidal Fluctuation (m)	No	No	No	No	No	No
	Water Velocity	Slow	Slow	Slow	Slow	Slow	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.00	0.00	1.00	2.00	1.00	2.00
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Scoured	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	2.80	3.66	4.80	3.20	3.50	4.50
	Carriageway Width (m)	2.00	2.60	2.80	2.50	2.20	3.05
	Embankment Height (m)	1.30	1.50	1.50	1.50	1.30	1.30
	Surface Type	Earthen	Earthen	Earthen	Earthen	Earthen	Earthen
	Surface Condition	Good	Fair	Good	Fair	Good	Bad
	Alternative Route (km)	2.50	No	No	5.50	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Bogra

Name of Thana		Gabtali					Nandigram	
Serial Number		30	31	32	33	34	37	
Influence Area	Population (thousand)	10	8	10	10	6	25	
	Main Industry	Agriculture, Husking mill-2 nos	Agriculture, Husking mill-2 nos	Agriculture	Agriculture, Husking-4 nos	Agriculture, Fishery, Husking mill-3 nos	Agriculture, Fishery, Husking mill-6 nos	
	Major Agricultural Product	Rice, Wheat, Jute, Veg., S.cane	Rice, Wheat, Jute, Veg., Green Chillil	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg., Green Chillil	Rice, Wheat, Jute, Veg., Green Chillil, Potato	Rice, Wheat, Jute, Veg.I	
	Number of Public Facilities	School	5	2	8	12	5	13
		Clinic	2	1	2	2	2	4
		Bazar	1	3	3	4	2	8
		Mosque	8	5	6	10	6	10
		Gov't Office	3	0	3	5	2	4
		Others	5	4	5	5	6	4
Total		24	15	27	38	23	43	
Traffic Volume	Passenger Car	3	4	2	5	4	7	
	Pickup/Truck	4	10	5	10	6	20	
	Bus	0	4	0	5	2	5	
	Motorcycle	50	70	100	50	100	100	
	Rickshaw	70	200	200	200	100	180	
	Autorickshaw	4	5	5	10	2	5	
	Bullock Cart	0	0	10	0	0	75	
	Pedestrian	1000	1000	1200	2000	1000	2000	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	30	45	40	30	50	60	
	Span Arrangement	1x30m	3x15m	10m+20m+10m	1x30m	15m+20m+15m	3x20m	
	Abutment Height (m)	3.50	3.50	4.00	3.50	2.50	3.50	
	Pier Height (m)	-	8.00	8.50	-	4.50	10.00	
Remarks					Both sides of the approach road were submerged. That is why bank to bank of the khal becomes too high. Actually the proposed bridge 30m is good enough.		Tender invited under LBC project	

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Bogra

Name of Upazila		Sonatola				Sharlakandi			
Serial Number		38	39	40	41	44	45	46	47
Bridge Code		57-05-01	57-05-02	57-05-03	57-05-04	57-06-N1	57-06-N2	57-06-N3	57-06-N4
Road ID		110953011	110953018	110953014	110953069	110813028	110813012	110814034	110814029
Road Class		R1	R1	R1	R1	R1	R1	R2	R2
Chainage (km)		0+500	1+500	1+200	1+800	2+000	2+500	0+100	0+200
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Existing	Not Existing	Not Existing	Not Existing	Not Existing
	Bridge Length (m)				50.00				
	Bridge Width (m)				0.30				
	Carriageway Width (m)				0.30				
	Superstructure Type				Bamboo				
	Abutment Type				Bamboo				
	Pier Type				Bamboo				
	Usage of Bridge				Pedestrians only				
	Condition				Damaged				
	Present Navigation Clearance Height (m)				No				
River Condition	Bank to Bank Width (m)	75.00	44.00	336.00	68.00	283.00	280.00	50.00	73.00
	Highest Flood Water Width (m)	80.00	60.00	350.00	75.00	310.00	300.00	60.00	80.00
	Highest Flood Water Depth (m)	7.50	5.50	12.50	6.00	8.00	12.00	5.50	5.00
	Normal Flood Water Width (m)	40.00	35.00	200.00	40.00	250.00	270.00	4.00	50.00
	Normal Flood Water depth (m)	5.00	3.50	4.50	4.50	5.50	8.00	1.50	2.50
	Dry Season Water Width (m)	20.00	10.00	20.00	10.00	200.00	250.00	2.00	10.00
	Dry Season Water Depth (m)	2.50	1.20	2.00	1.00	2.50	2.50	0.50	1.00
	Tidal Fluctuation (m)	No	No	No	No	No	No	No	No
	Water Velocity	Medium	Slow	Medium	Slow	Medium	Medium	Slow	Slow
	Angle of Bridge to Stream (deg)	90	90	120	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.50	1.00	2.50	2.00	2.50	2.50	1.00	1.50
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Sound	Eroded	Sound	Sound	Eroded	Sound	Sound
Condition of Riverbed	Sound	Sound	Scoured	Sound	Sound	Scoured	Sound	Sound	
Approach Road	Total Road Width (m)	3.70	3.50	4.50	4.25	3.50	3.40	3.50	3.20
	Carriageway Width (m)	2.68	2.25	2.90	3.00	2.30	2.25	2.60	2.00
	Embankment Height (m)	1.75	1.50	2.50	1.50	3.00	1.00	1.00	1.50
	Surface Type	BC/Earthen	Earthen	Earthen	Earthen	Earthen	Earthen	Earthen	Earthen
	Surface Condition	Good	Good	Good	Good	Good	Very Bad	Fair	Very bad
	Alternative Route (km)	No	4.00	No	No	13.00	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Bogra

Name of Thana		Sonatola				Sharlakandi				
Serial Number		38	39	40	41	44	45	46	47	
Influence Area	Population (thousand)	60	30	50	45	15	10	10	10	
	Main Industry	Agriculture	Agriculture	Agriculture, Fishery, Husking mill-20 nos	Agriculture, Husking Mill-8 nos	Agriculture, Husking mill-4 nos	Agriculture	Agriculture, Husking mill-10 nos	Agriculture, Fishery, Husking mill-8 nos	
	Major Agricultural Product	Rice, Wheat, Jute, Bhutta, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Banana, Veg.	Rice, Wheat, Jute, Bhutta, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg.	
	Number of Public Facilities	School	10	4	12	6	10	6	10	7
		Clinic	2	1	6	2	2	2	4	1
		Bazar	4	3	4	4	12	2	3	2
		Mosque	10	5	12	10	20	8	12	10
		Gov't Office	0	6	3	2	3	1	5	2
Others		5	6	5	4	4	5	4	3	
Total		31	25	42	28	51	24	38	25	
Traffic Volume	Passenger Car	4	4	10	4	3	2	4	5	
	Pickup/Truck	5	10	12	10	2	5	4	5	
	Bus	5	2	8	10	2	4	2	2	
	Motorcycle	50	50	100	50	30	50	30	30	
	Rickshaw	150	150	300	200	80	100	50	100	
	Autorickshaw	3	3	15	6	3	5	2	5	
	Bullock Cart	10	10	5	20	10	10	10	0	
	Pedestrian	1500	1500	2500	1200	2500	1100	1000	1200	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	1	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	75	50	350	70	300	270	50	70	
	Span Arrangement	3x25m	15m+20m+15m	14x25m	20m+2x25m	12x25m	10x25m+20m	15m+20m+15m	20m+2x25m	
	Abutment Height (m)	5.50	4.00	7.50	4.50	8.50	7.50	4.50	5.00	
	Pier Height (m)	10.00	7.50	18.00	8.50	13.50	15.50	7.00	7.80	
Remarks					One house located on Govt. land has to be relocated. No land acquisition will be required					

BRIDGE SITE SURVEY DATA- 1

Zone No: 13

District : Bogra

Name of Upazila		Dhunot						
Serial Number		48	49	50	51	52	53	54
Bridge Code		57-07-01	57-07-N1	57-07-N2	57-07-N3	57-07-N4	57-07-N5	57-07-N6
Road ID		110272008	110272008	110273082	110273082	110273026	110273005	110273055
Road Class		FRB	FRB	R1	R1	R1	R1	R1
Chainage (km)		0+867	3+550	2+160	2+500	0+500	2+580	0+880
Condition of Existing Bridge	Existing or not	Existing	Not Existing	Not Existing	Existing	Not Existing	Existing	Not Existing
	Bridge Length (m)	40.00			35.00		25.00	
	Bridge Width (m)	1.00			1.00		4.50	
	Carriageway Width (m)	1.00			1.00		3.90	
	Superstructure Type	Bamboo			Bamboo		RC	
	Abutment Type	Bamboo			Bamboo		RC Reversed T. Type	
	Pier Type	Bamboo			Bamboo		RC wall	
	Usage of Bridge	Peonshian, Rickshaw, Motore cycle			Peonshian, Motore cycle, Bicycle		All vehicles	
	Condition	Damaged			Damaged		Collapsed	
	Present Navigation Clearance Height (m)	No			No		No	
River Condition	Bank to Bank Width (m)	42.00	200.00	60.00	34.00	51.00	50.00	72.00
	Highest Flood Water Width (m)	45.00	230.00	65.00	38.00	60.00	50.00	76.00
	Highest Flood Water Depth (m)	6.50	15.00	6.50	7.00	5.50	10.00	5.30
	Normal Flood Water Width (m)	35.00	180.00	30.00	20.00	46.00	45.00	50.00
	Normal Flood Water depth (m)	2.50	6.50	3.70	6.00	3.60	7.50	3.00
	Dry Season Water Width (m)	15.00	150.00	20.00	20.00	10.00	30.00	3.00
	Dry Season Water Depth (m)	1.25	1.50	0.30	1.50	2.50	3.50	0.50
	Tidal Fluctuation (m)	No	No	No	No	No	No	No
	Water Velocity	Slow	Medium	Medium	Slow	Slow	Slow	Slow
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	1.00	2.50	1.50	0.00	2.00	0.00	1.00
	Type of River Traffic	Country Boat	Country Boat	Country Boat	No	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Eroded	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Scoured	Sound	Sound	Sound	Scoured	Sound	
Approach Road	Total Road Width (m)	4.50	4.30	4.00	3.50	4.50	4.60	3.50
	Carriageway Width (m)	2.70	2.66	2.50	2.25	2.70	2.66	2.66
	Embankment Height (m)	1.75	1.25	3.00	1.00	2.50	2.50	2.00
	Surface Type	HBB/Earthen	Earthen	Earthen	Earthen	Earthen	Earthen	Earthen
	Surface Condition	Fair	Good	Good	Fair	Good	Good	Good
	Alternative Route (km)	No	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13
District : Bogra

Name of Thana		Dhunot							
Serial Number		48	49	50	51	52	53	54	
Influence Area	Population (thousand)	40	60	20	15	30	30	25	
	Main Industry	Agriculture, Fishery, Husking mill-3 nos	Agriculture, Husking mill-15 nos	Agriculture, Husking mill-3 nos	Agriculture, Husking mill-3 nos	Agriculture, Husking mill-3 nos	Agriculture, Saw mill-6 nos	Agriculture, Husking mill-6 nos	
	Major Agricultural Product	Rice, Wheat, Jute, Veg. Bhutta	Rice, Wheat, Jute, Veg. Bhutta	Rice, Wheat, Jute, Veg. Bhutta	Rice, Wheat, Jute, Veg. Bhutta	Rice, Wheat, Jute, Veg. Bhutta	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg. Bhutta, S.Can	
	Number of Public Facilities	School	10	15	6	7	5	10	7
		Clinic	3	3	1	1	1	3	2
		Bazar	4	6	3	4	3	3	6
		Mosque	15	20	6	9	6	4	12
		Gov't Office	5	6	2	2	3	4	5
Others		5	5	2	2	5	4	5	
Total		42	55	20	25	23	28	37	
Traffic Volume	Passenger Car	8	10	2	2	3	4	5	
	Pickup/Truck	12	40	6	5	10	10	10	
	Bus	4	20	2	2	4	5	4	
	Motorcycle	150	150	200	150	100	50	20	
	Rickshaw	250	250	200	150	200	150	150	
	Autorickshaw	15	15	5	5	4	10	5	
	Bullock Cart	0	0	0	0	0	0	0	
	Pedestrian	2000	2000	1400	1200	2500	1500	1500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	40	200	55	35	50	50	70	
	Span Arrangement	10m+20m+10m	8x25m	15m+25m+15m	10m+15m+10m	15m+20m+15m	15m+20m+15m	2x25m+20m	
	Abutment Height (m)	4.50	7.50	5.50	4.50	5.00	4.50	4.00	
	Pier Height (m)	7.00	12.00	8.00	8.00	8.50	10.00	8.50	
Remarks									

BRIDGE SITE SURVEY DATA- 1

Zone No: 13
District : Bogra

Name of Upazila		Shibganj		Dhupchachlia		Alamdighi	
Serial Number	56	57	58	59	60	61	
Bridge Code	57-08-N1	57-08-N2	57-09-01	57-09-02	57-10-01	57-10-N1	
Road ID	110944039	110943010	110334020	110333002	110062009	110064042	
Road Class	R2	R1	R2	R1	FRB	R2	
Chainage (km)	1+600	0+500	4+800	5+000	1+800	0+560	
Condition of Existing Bridge	Existing or not	Not Existing	Not Existing	Not Existing	Not Existing	Not Existing	Existing
	Bridge Length (m)						35.00
	Bridge Width (m)						1.00
	Carriageway Width (m)						1.00
	Superstructure Type						Bamboo
	Abutment Type						Bamboo
	Pier Type						Bamboo
	Usage of Bridge						Pedestrians, Light Vehicles
	Condition						Damaged
	Present Navigation Clearance Height (m)						2.5
River Condition	Bank to Bank Width (m)	70.00	74.00	42.00	65.00	85.00	58.00
	Highest Flood Water Width (m)	80.00	100.00	42.00	75.00	90.00	60.00
	Highest Flood Water Depth (m)	5.20	5.50	4.00	6.50	5.60	6.00
	Normal Flood Water Width (m)	30.00	20.00	10.00	10.00	30.00	20.00
	Normal Flood Water depth (m)	2.00	2.50	1.50	2.50	2.40	1.50
	Dry Season Water Width (m)	5.00	10.00	5.00	3.00	10.00	5.00
	Dry Season Water Depth (m)	0.50	1.00	0.40	0.50	0.50	0.75
	Tidal Fluctuation (m)	No	No	No	No	No	No
	Water Velocity	Medium	Medium	Medium	Medium	Medium	Medium
	Angle of Bridge to Stream (deg)	90	90	90	90	90	90
	Ferry Services	No	No	No	No	No	No
	Required Navigation Clearance Height (m)	2.00	2.00	2.00	2.00	2.00	2.50
	Type of River Traffic	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat	Country Boat
	Condition of Bank	Sound	Sound	Sound	Sound	Sound	Sound
Condition of Riverbed	Sound	Sound	Sound	Sound	Sound	Sound	
Approach Road	Total Road Width (m)	3.10	4.90	3.50	3.50	6.50	4.00
	Carriageway Width (m)	2.66	2.66	2.50	2.00	3.50	2.30
	Embankment Height (m)	1.00	2.00	0.75	2.00	1.50	1.00
	Surface Type	Earthen	BC/Earthen	Earthen	Earthen	BFS/Earthen	Earthen
	Surface Condition	Good	Good	Fair	Fair	Good	Good
	Alternative Route (km)	No	No	No	No	No	No

BRIDGE SITE SURVEY DATA- 2

Zone No: 13

District : Bogra

Name of Thana		Shibganj		Dhupchachia		Alamdighi		
Serial Number		56	57	58	59	60	61	
Influence Area	Population (thousand)	20	40	50	30	25	10	
	Main Industry	Agriculture, Cold Storage-3 nos	Agriculture, Husking mill-100 nos	Agriculture	Agriculture, Husking mill-50 nos, Silver Factory-6 nos	Agriculture, Fishery, Husking mill-20 nos	Agriculture, Fishery, Husking mill-10 nos	
	Major Agricultural Product	Rice, Wheat, Jute, S.cane, Banana, Veg.	Rice, Wheat, Jute, Veg.	Rice, Wheat, Jute, Veg., Green Chili	Rice, Wheat, Jute, Veg.	Rice, Jute, Green Chili, Potato, Veg.	Rice, Wheat, Jute, Veg.	
	Number of Public Facilities	School	8	14	8	20	20	8
		Clinic	4	7	3	5	10	3
		Bazar	2	6	6	5	6	4
		Mosque	10	15	10	15	25	15
		Gov't Office	3	4	1	8	5	5
Others		5	8	4	5	10	7	
Total		32	54	32	58	78	42	
Traffic Volume	Passenger Car	5	40	3	7	10	4	
	Pickup/Truck	10	100	5	20	50	10	
	Bus	4	15	3	6	10	6	
	Motorcycle	150	150	50	100	60	60	
	Rickshaw	200	200	150	200	200	220	
	Autorickshaw	5	15	4	5	10	10	
	Bullock Cart	15	10	0	0	0	0	
	Pedestrian	2500	2000	1500	2500	3000	2500	
Bridge Site Condition	Landuse	Farm	Farm	Farm	Farm	Farm	Farm	
	Topography	Flat	Flat	Flat	Flat	Flat	Flat	
	Necessity of Realignment of Approach Road	No	No	No	No	No	No	
Environmental Issue	Necessary Land to be Additionally Acquired (sq.m)	No	No	No	No	No	No	
	Number of Houses to be Relocated	No	No	No	No	No	No	
	Other Obstruction to be Relocated	No	No	No	No	No	No	
Proposed Bridge	Bridge Length (m)	70	75	40	65	65	60	
	Span Arrangement	2x25m+20m	3x25m	10m+20m+10m	20m+25m+20m	2x15m+25m+2x15m	3x20m	
	Abutment Height (m)	4.00	3.90	3.50	4.00	4.50	3.90	
	Pier Height (m)	6.00	6.50	5.50	7.00	7.50	7.80	
Remarks								