

1.2. Rail - Cum - Road Bridge over river Brahmaputra near Bogibeel with link lines on North & South Banks (73 KM) :

Year of inclusion in Budget	Month of CCEA approval	Anticipated cost	Exp. Up to 3/2012	Target overall - Dec'2015				Overall Financial Progress (%age)
				Outlay	Exp. during month	Exp. Up to Mar-13	% financial progress during the year	
1997-98	9/1997	4996.65 (Rev. Est. is under Preparation)	2380.64	320.09	50.12	320.36	100.09	54.06

◆ Target is subject to availability of fund.

Item	Total scope	Prog. Up to Mar'12	2012-13			Up to date progress	Remarks (including position of tenders)	
			Qty. planned for the year	Prog. during month	Cum. Prog.			
Land Acquisition	505.94	505.94	-			505.94	completed	
Earthwork (lac cum)	288.52	287.65	0.87			287.65	Work in progress	
Formation (KM)	70.60	70.60	0			70.60	completed	
Minor Bridges (nos)	104	104	-			104	completed	
Major Bridges (nos)	Substr.	17	17	-		17	completed	
	Superstr.	17	17	-		17		
ROB (nos.)	3	2	1			2	Work in progress .	
RUB (nos)	14	14	-			14		
Limited height sub way	3	3	-			3		
Boulder (Lakhcum.)	22.35	21.00	1.35	0.016	0.301	21.301	Work in progress at North bank. South bank completed.	
Ballast supply (Th. cum.)	313.00	200.00	85.00	6.8	49.9	249.70		
Track Linking (km)	Main line	91.01	45.4	22.0	9.90	22.20	67.60	Chalkhova - Moranhat Rail link (44 Km) on South Bank completed & commissioned on 8.12.09.
	Loops & Siding line	25.85	21.85	4	0	0	21.85	
Main Bridge								
(i) Substructures (nos.)								
a) Well foundations	42	32	10	3	4	36	Work in progress	
b) Piers/Abutment	42	18	18	4	10	28	Work in progress	
(ii) Super - struct (nos. of span)	41	0	0				Tender for Superstructure awarded to M/S HCC-DSD-VNR Consortium (JV), Mumbai. Construction of 3 nos. of Fabrication shed in progress.	
L/xings	12	12	-			12		
Road Viaduct								
Sub Structure								
i)Pile foundation	68	32	36	3	14	46		
ii) i.e. Piers & abutment.	68	7	46	2	15	22	Work in progress.	
ii) Superstructure	68	0	24	2	4	4		
Station Building	7	5	2			5		
RBG Rooms	7	5	2			5		
Yard work	7	4	3			4		

Status of estimate - ◆ Part-I detailed estimate sanctioned for ` 371.14 Crs. on 19.12.2001.

◆ Part-II detailed estimate sanctioned for ` 578.08 Crs. on 10.10.2002

◆ Part-III detailed estimate sanctioned for ` 516.35 Crs. on 13.12.2005.

◆ Part-IV - detailed estimate for balance work sanctioned for ` 1581.80 Crs on 17.5.10

◆ Part-V - detailed estimate for `182.64Cr. Sanctioned on 01.9.10

Scope of Project (a) Bogibeel Main Bridge - Span 2x32.75 m + 39 x 125 m (4940.50m)
(b) Raising & Strengthening of Dyke for 9 Km on upstream & 7 Km on downstream for both South and North Dyke.
(c) Rail link on South/North Bank - 74 Km.
(d) NH - Road link - 29.455 Km on North & South Bank including 4.941 Km on Main Bridge.

1.2. Rail – Cum - Road Bridge over river Brahmaputra near Bogibeel with link lines on North & South Banks: (National Project) :

The work of construction of Embankment, Major & Minor bridges, station works has been completed on the North Bank and South bank rail link of the bridge.

Moranhat – Chalkhowa (44 Km) section rail link on South bank of Bogibeel Bridge Project commissioned on 8.12.09 and section handed over to open line on 29.01.2010.

Construction of North and South Guide Bund up to final level i.e. RL 110.52 m and combined approach embankment up to final level i.e. RL 116 m has been completed including protection works viz. sausage crates, slope pitching and grouting.

Raising and strengthening of North and South dykes has been completed except for 3 Km of South dyke falling in forest land. Work for remaining 3 Km is also in progress.

Over all 287.65 lakh cum earth work out of 288.52 lakh cum completed in North & South embankments, Dykes and Guide bunds on North & South banks.

Main Bridge Sub-structure:

On South bank side of the main bridge, all 21 well foundations of abutment A-1 and 20 piers (P-1 to P-20) have been completed.

Cumulative progress is 1225.65 Rm concreting & 1209.15 Rm sinking out of 1225.65 Rm concreting & sinking required for 21 wells of Piers P-1 to P-20 and Abutment A-1. Casting of pier shaft at Abutment A-1 & P-1 to P-16 completed up to final level. Pier cap of A-1 & P-1 to P-13 also completed making total of 14 pier caps.

On North bank side of main bridge, well foundation of abutment A-2 & 14 piers (P-27 to P-40) has been completed. Casting & sinking of well foundations at 6 piers (P-21 to P-26) is in progress.

Cumulative progress is 1133.55 Rm concreting & 1118.55 Rm sinking of well foundation out of 1224.20 Rm concreting & sinking required at piers P-21 to P-40 & Abutment A-2.

Casting of Pier shaft at Abutment A-2 and Piers P-31 to P-40 completed up to final level.

Pier cap of Abutment A-2 and P-32 to P-40 have been completed making total of 10 pier caps.

Overall 36 well foundations out of 42 and 28 pier shafts out of 42 of sub structure of Bogibeel bridge has been completed.

South road viaduct is also in progress and all 414 nos. piles, all 34 nos. pile foundations, 27 Pile caps, 19 nos. pier cap & 22 pier shafts completed up to date.

North road viaduct is also in progress and 12 nos. pile foundation, 203 nos. piles & 6 pile caps have been completed up to date.

Progress of Superstructure:

(a) Shop drawings for normal span (Set-A type) for 195 nos. drawings of components out of 234 have been approved during the month.

- (b) Cutting of 1322.10 MT steel has been done up to the month and edge preparation of plates is also completed for 6853.32 Rm.
- (c) Fabrication of E250 grade steel components viz top cross girders and bottom cross girders has been taken up and 889.68 Rm of welding work done during the month.
- (d) Shop drawings for normal span (Set-A type) for 195 nos. drawings of components out of 234 have been approved during the month..
- (e) 18 nos. WPS/WPQR and 18 nos. welders/ welding operators have been approved by RDSO during the month.