Three bridges on farm roads along National Highway No.4

Bridge name	Mandechhu (Reotala) Bridge	Kela Bridge	Jangbi Bridge	
Bridge structure	Bailey suspension bridge	Bailey bridge	Bailey bridge	
Bridge length	103.7m(340FT)	49.532m(163FT)	49.532m(163FT)	
Span length	97.6m(320FT)	48.768m(160FT) 48.768m(160FT)		
Width	3.277m (one lane)	3.277m (one lane) 3.277m (one lane)		
Foundation	Spread foundation	Spread foundation Spread foundation		
structure	(Abutments A1 and A2)	(Abutments A1 and A2)		
Main material	Steel for beams of Bailey bridge concrete ($\sigma ck=21N/mm^2$ (Abutment))	Steel for beams of Bailey bridge concrete ($\sigma ck=18N/mm^2$ (Abutment))	Steel for beams of Bailey bridge concrete ($\sigma ck=18N/mm^2$ (Abutment))	
Method to erect superstructure	Cable erection/vertical suspension method	Launching method with a support in the middle	Launching method with a support in the middle	
Notes	The construction is to be handed over to the Bhutanese side after the substructure and revetment works in the scope of the works of the Japanese side have been completed. Material procurement and construction of the superstructure should be carried out by the Bhutanese side.	The construction is to be handed over to the Bhutanese side after the substructure works in the scope of the works of the Japanese side have been completed. Material procurement and construction of the superstructure should be carried out by the Bhutanese side.	The construction is to be handed over to the Bhutanese side after the substructure works in the scope of the works of the Japanese side have been completed. Material procurement and construction of the superstructure should be carried out by the Bhutanese side.	

Table 3-8	Outlines	of the	Replacement	Bridge -2
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3-2-3-2 Basic Design Drawing

For the basic design drawing, the general drawing of each bridge is shown on the following pages.



