



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD

F.D.R. PART - A (2023-24)

TO 4 NH-31 FATKI TO CHAHAT CONST. OF RCC BOX BRIDGE AT CH. 3.75 KM

DETAILED ESTIMATE OF F.D.R. REPAIRING ROAD

ROAD LENGTH	0 TO 0		
DISTRICT	PURNEA		
BLOCK	BAYSI		
DIVISION	BAYSI		
TOTAL DAMAGE LENGTH OF ROAD	0.097		KM
TOTAL COST OF F.D.R. PART - A	Rs. 13.407		Lacs
ADD G.S.T @ 18%	Rs. 2.413		Lacs
ADD Labour Cess @ 1%	Rs. 0.134		Lacs
Add Seigniorage Fee @ 10 %	Rs. 0.529		Lacs
TOTAL COST OF RESTORATION WORK In Rs.	Rs. 16.483		Lacs

SUBMITTED BY
The Executive Engineer,
Works Division, Baisi

SINO	Block Name	Name of Road	Type	Flood Video Upload
24	Amaur	Belgachhi More to Musalman Tola (2110540130124)	Road	
25	Baisa	NAHRAKOL TO KATHALBARI (21105413027)	Road	
26	Baisa	Sheeshaavaadee to Dhobiniya (21105401705)	Road	
27	Baisa	T4 to Asaja palasavari (21105401711)	Road	
28	Baisa	Ardaniya Bridge to Pargachhi (2110540130189)	Road	
29	Baisa	Tapatoli to Ashiyani (Arjunbhitha) (211054016019)	Road	
30	Baisa	Harna Khuniya Paschim Tola to Jagdal (2110540130143)	Road	
31	Baisa	Harna To Phuleshwari Bridge (21105412021)	Road	
32	Baisa	Const. of Road from Manjhok to Phulwari (21105400304)	Road	
33	Baisa	Approach Road - Kasibari (21105302008)	Road	
34	Baisa	T01 to Malahtoli (21105401384)	Road	
35	Baisa	L042-Raiber to Jagadal (VR42) (21105402066)	Road	
36	Baisa	Khata Toli to Bazardih (2110540130172)	Road	
37	Baysi	Construction of RCC Box Bridge in Pramukh Chowk To Sadipur Bhutaha Ch. 0.7 Km. (21105400312B)	Bridge	
38	Baysi	T04-NH 31 Fatki Chowk to Chahat construction of RCC Box Bridge at Ch.3.750 km (21105402501B)	Bridge	
39	Baysi	Puranaganj Chatangi Chowk to Bhiganpur (2110540130165)	Road	
40	Baysi	Sajna to T04 To Chahat (2110540130112)	Road	
41	Baysi	L047 - Chand Tola to Mathura pur (VR47) (21105402019)	Road	
42	Baysi	T04 PMGSY Bakhariya to Madhaya Vidhayalya Bakhariya (21105401353)	Road	
43	Baysi	T.4 PMGSY salim lakdiwal ke ghar to gehuwa (21105412039)	Road	
44	Baysi	MMGSY Mobaiya to Mobaiya Purab Moidin Master ke Ghar Tak (2110540130099)	Road	
45	Baysi	Bairgachi to Bairgachi To Puranaganj (2110540130104)	Road	
46	Baysi	L027 PMGSY CHARAIYA To BHASIYA (21105412045)	Road	
47	Baysi	MMGSY JIYA GAACHI TO JAAM TOLA (21105401392)	Road	

तकनीकी प्रतिवेदन

योजना का नाम:- कच्ची से चाटे (CH 3.75 Km पर RCC Box Bridge निर्माण)

क्षतिग्रस्त पथ की लम्बाई:- 0.097 K.M.

प्राक्कलित राशि:-

योजना शीर्ष :- **3054/2245 F.D.R.**

प्राधिकार :- सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का मु0अ0-4(मु0) विविध
(कार्य)-45-09-02 / 2022-3724 दिनांक-18-07-2023

प्रतिवेदन

प्रस्तुत प्राक्कलन अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन

मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमण्डल बायसी के द्वारा शीर्ष
F.D.R. 2245 के अन्तर्गत तैयार किया गया है।

पथ के आक्स्मिक मरम्मति हेतु पथांशों में मिट्टी भराई, खाली सिमेंट बैग में लोकल बालु भरकर, स का पाइल, बॉस का चचरी, बॉस का रनर, ह्यूम पाइप एवं ब्रिक बैट इत्यादि से भरकर बचाव कार्य रते हुए यातायात पुर्नस्थापित किया गया है।।

पथ मरम्मति कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं सामग्री की दुलाई निकटतम खदान से वधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं है।

प्राक्कलन तकनीकी स्वीकृति हेतु अपेक्षित है।

10/01/24

कनीय अभियंता
ग्रामीण कार्य विभाग

10/01/24

सहायक अभियंता
ग्रामीण कार्य विभाग

16/2/24

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, बायसी

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- Er. Ashima Kumar	
Name of Block/Road :- Baisi, Fathi To Chahat (Cont. of RCC Box Bridge at CH 3.75 km)	
A. For Road	
1. Damage Location/Chainage :-	
2. Damage Length :- 0.097 km	
3. Nature of Damage (Length Wise)	
(i) Breach :-	
(ii) Crust Damage :-	
(iii) Only Flank Damage :-	
whether traffic fully/Partialiy obstructed :-	
4. Details of Restoration :-	
(i) Material Being Used in Restoration :-	
(ii) Equipment/Tools Being Used in Restoration Works :-	
(iii) Restored Length	In open Area :-
	In habitation Area :-
(iv) If Restoration work done in habitation Area give Reason :-	
B. For Bridge (Size of Bridge/Culvert)	
(1) Damage Location/Chainage :-	
(2) No. of Span Damage :-	
(3) Length of Span :-	
(4) Nature of Damage (Pier/Abuttment/Wing Wall/Approach Road Damage) :-	
(5) Details of Restoration :-	
(i) Material Being Used in Restoration :-	
(ii) Equipment/Tools Being Used in Restoration Works :-	
(iii) Restored Length :-	
Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :-	


 Signature of Executive Engineer
 Works Div. Manihari (Katihar)

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD :

FATNI TO CHAHAT *Contd. of RCC Box Bridge at Ch 3.75KM*

DISTRICT

PURNEA

DIVISION

DAYSI

BLOCK

DAYSI

DAMAGE LENGTH OF ROAD (IN KM)

0.000 + 0.097 *10m*

Sl. No.	ITEM OF WORK	AMOUNT (LAKHS)
1	EARTH WORK	0.000
2	G. S. D.	0.000
3	BRICK BAT	9.126
4	SAND BAGS	0.057
5	BAMBOO WORK	0.140
6	HUMB PIPE	1.064
7	GEO BAG	0.000
TOTAL COST OF PROJECT =		13.407
Add G.S.T. @ 18%		2.413
Add Labour Cess @ 1%		0.134
Add Seigniorage Fee @ 10%		0.529
Total Cost of Restoration Work =		16.483

02/10/24
JE
RWD

02/10/24
AE
RWD

02/10/24
EE
RWD

Technically sanctioned for Rs 16.483 Lacs (Rupees sixteen Lacs Forty Eight Thousand and Three Hundred) only

02/10/24
अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पूर्णिया
20/02/24

FATKI TO CHAHAT

SL. No.	SDB SL. NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1	4.5		Brick Bats								
			Placing tractor at loading point loading with front end loader dumping, turning for return trip excluding time for haulage and return trip								
			C/O To Calculation Sheet								
			Less sand bags qty. (1 bag = 0.034 Cum)						436.210		
			Less H.P. Qty. $2 \times (3.14) \times (1.15)^2 / 2$						-0.153		
									-29.070		
2	5.7.40.1 WRD		Labour for filling empty cement bags with local sand, stitching the bags and placing including supply ofutti etc. all complete as per approved design, specification and direction E/I.	Cum					406.987	2242.420	912635.79
			$2 \times 4.50 \times (0.70 + 0.300) / 2 \times 1.0$								
			Total Volume =						4.500		
			1 Cement Bag $= (L = 0.60) \times (w = 0.30) \times (H = 0.190) = 0.034 \text{ Cum}$						132.00		
			Right Side	Bag							
3	5.7.7 WRD		Labour for driving 62 MM to 75 MM dia Bamboo Piles Including cutting to in proper size and shoes etc complete job. (Bamboo Piles c/c 0.3 m)								
			2 X 11.50 Mtr.	m	2 x 11.50	23.00			23.00		
			Total Length						23.00		
			Both Side Length $= 2 \times 11.50 \text{ m} / 1.0 = 23.00$ Pile Length (300) = Rm						70.00		
			Total Mtr.						70.00	62.110	4347.70
4	5.7.9 WRD		Supplying fitting and fixing of bamboo 62 mm to 75 mm dia runners fixed at every vertical pile with nails 20 S.W.G G.I Wire								
			Bamboo Runner c/c 0.5 m Upto 5.0 mt. @ (5.0/1.00)	mtr.	5.00	23.00			57.50		
			Tana Rummer c/c 2m	mts.	23.00	10.00			230.00		
				mtr.					287.500	33.590	9657.13

FATKI TO CHAHAT

Sl. No.	SDB SL. NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
6	9.3 RCD	1100	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.		7	2.50	2.000				
					6	2.50	2.000		35.000		
				RM					30.000		
									65.000	6283.040	408397.60
									Total Cost fo Flood Protective work (In Rs.) =		
									1340699.70		
									Total Cost fo Flood Protective work (In Lakh) =		
									13.407		

JE. *[Signature]*
A.E. *[Signature]*
E.E. *[Signature]*

**PAIKI TO CHAHAT
ANNEXURE "B"**

Sl. No.	Chainage At (Mtr.)	NO.	Length (in mt.)	Top Width (in mt.)	Avg. Top Width + Bottom Width) / 2	Height (in mt.)	Qty. (in Cum)	Remarks
	1ST PART							
	4700	1	17.70	$(3.40+3.0+3.45+3.0)/4$	$(3.21+7.61)/2$	$(2.10+2.70+1.80)/3$	210.67	APPROCH ON OVER PIPE TO PIPE
		1	20.00	$(5.50+4.50+4.70)/3$	$(5.50+4.50+4.70)/3$	$(0.30+0.60+0.50)/2$	68.60	C/S FULL
		1	30.00	$(4.70+4.80+4.30+4.70)/4$	$(4.70+4.80+4.30+4.70)/4$	$(0.30+0.80+0.60)/2$	117.94	C/S FULL
		1	30.00	$(4.70+4.30+3.20+3.40)/4$	$(4.70+4.30+3.20+3.40)/4$	$(0.30+0.40+0.30)/3$	39.00	C/S FULL
							Total= 436.21	

04/10/24

J.E

A.E.

04/10/24

E.E.

04/10/24