



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD

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

DAGARUA TO SAKRAIL

DETAILED ESTIMATE OF F.D.R. REPAIRING ROAD

ROAD LENGTH	0 TO 3350		
DISTRICT	PURNEA		
BLOCK	DAGARUA		
DIVISION	BAYSI		
TOTAL DAMAGE LENGTH OF ROAD	0.189		KM
TOTAL COST OF F.D.R. PART - A	Rs. 16.102		Lacs
ADD G.S.T @ 18%	Rs. 2.898		Lacs
ADD Labour Cess @ 1%	Rs. 0.161		Lacs
Add Seigniorage Fee @ 10 %	Rs. 0.926		Lacs
TOTAL COST OF RESTORATION WORK In Rs.	Rs. 20.086		Lacs

SUBMITTED BY
The Executive Engineer,
Works Division, Baisi

22	Balsa	Ardaniya Bridge to Pirgachhi	2.11054E+12	1.31	206.572	1.31	193.97671	MMGSY[SC]	0.05	2023-24	10
23	Baysi	T04 PMGSY Bakhariya to Madhaya Vidhaya Bakhariya	21105401353	1.725	111.291	1.725	100.1957	MMGSY[SC]	0.04	2023-24	13
24	Amaur	Basaul to Kol Satta	21105401373	2.22	147.431	2.2	145.78507	MMGSY[SC]	0.06	2023-24	25
25	Amaur	Keriya More to Kebrat Tola	21105401378	1.445	97.699	1.445	87.83974	MMGSY[SC]	0.015	2023-24	3
26	Balsa	T01 to Malahtoli	21105401384	1.09	90.203	1.09	104.17729	MMGSY[SC]	0.075	2023-24	20
27	Amaur	Adharpur Hewla Tola to Musalman Tola	21105401389	1.41	98.821	1.41	117.09039	MMGSY[SC]	0.027	2023-24	10
28	Baysi	MMGSY JIYA GAACHI TO JAAM TOLA	21105401392	0.88	65.027	0.88	54.22856	MMGSY[SC]	0.025	2023-24	7
29	Baysi	Construction and maintenance of rd. from PMGSY Bara Rahua to Rahua South House Chandrabhushan Yadav FDR	2.11054E+12	0	4.659	0	0	FDR	0.1	2023-24	20
30	Balsa	Khapra to Kilparakurdh	2.11054E+11	6.292	115.16	6.292	113.68123	FDR	0.1	2023-24	8
31	Balsa	Tapatoli to Ashiyani (Arjunbhittha)	2.11054E+11	6.213	132.88	6.213	130.73081	FDR	0.325	2023-24	23
32	Daganua	Daganua to Sakrail	21105401607	3.35	58.6	3.35	52.2202	FDR	0.015	2023-24	5
33	Amaur	Khariya to Sahangawn	21105401617	3.387	60.54	3.387	59.10681	FDR	0.15	2023-24	25
34	Amaur	Simalbari to Simalbari Bagdhuram	21105401702	2.6	158.838	2.6	163.75077	MMGSY[WB]	0.09	2023-24	36
35	Amaur	Harjan Tola to Mahukol	21105401704	3.005	250.15	3.005	302.09135	MMGSY[WB]	0.05	2023-24	27
36	Balsa	Sheeshaavaadee to Dhobiniya	21105401705	2.3	135.559	2.3	141.43257	MMGSY[WB]	0.21	2023-24	16
37	Balsa	T4 to Asaja palasavari	21105401711	2.344	177.2	2.344	177.268	MMGSY[WB]	0.15	2023-24	15
38	Daganua	PWD Hatgachhi Kayum House to Duballi Madhya Vidyalaya	21105401722	6.9	476.53	6.85	474.79084	MMGSY[WB]	0.25	2023-24	20
39	Amaur	APPRCH RD. T04 - BARBATT	21105402004	2.645	154.3	2.645	152.6104	PMGSY	0.1	2023-24	10
40	Amaur	L045 - Parsaral to Kochika (VR45)	21105402018	2.854	231.89	2.854	207.51	PMGSY	0.018	2023-24	4
41	Baysi	L047 - Chand Tola to Mathura pur (VR47)	21105402019	3.863	267.9	3.863	265.8	PMGSY	0.085	2023-24	25
42	Baysi	L055 - T03 to Maylspur (VR55)	21105402028	1.165	83.26	1.165	78.88	PMGSY	0.03	2023-24	6
43	Baysi	L061 - Hardas To Balia Via Poolbas (VR61)	21105402033	2.185	153.32	2.185	152.3	PMGSY	0.025	2023-24	5
44	Baysi	L073 - KHUTTIYA TO KADWA. (VR73)	21105402038	1.682	114.39	1.682	113.75	PMGSY	0.035	2023-24	7

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- Ex. Asim Kumar

Name of Block/Road :- Dagarna / Dagarna to Sakraol

A. For Road

1. Damage Location/Chainage :- 0.000, 0.800, 1000, 1.500, 1.550

2. Damage Length :- 0.199 km

3. Nature of Damage (Length Wise) (i) Breach :- 01189 km

(ii) Crust Damage :-

(iii) Only Flank Damage :-

whether traffic fully/Partially obstructed :- Fully obstructed.

4. Details of Restoration :-

(i) Material Being Used in Restoration :- Brick Bat, Bamboo

(ii) Equipment/Tools Being Used in Restoration Works :- WCB, Tractor fully etc.

(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/Abutment/
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) :- Satisfactory

Signature

Signature of Inspector

(Official Seal)
Executive Engineer

Rural Works Department

Works Div. Manihari (Katihar)

तकनीकी प्रतिवेदन

योजना का नाम:- *Dugraur to Sakrawil*,

क्षेत्रिग्रस्त पथ की लम्बाई:- ०.१० K.M.

प्राक्कलित राशि:- १०,०८६ Rs.,

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

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

पथ के आवरिम्क मरम्मति हेतु पथांशों में मिट्टी भरई, खाली सिमेंट बैग में लोकल बालु भरकर, बॉस का पाइल, बॉस का चयरी, बॉस का रनर, ह्यूम पाइप एवं ब्रिक बैट इत्यादि से भरकर बचाव कार्य करते हुए यातायात पुर्नस्थापित किया गया है।।

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

प्राक्कलन तकनीकी स्वीकृति हेतु अपेक्षित है।

06.11.2023

06/11/23

06/11/23

कनीय अभियंता
ग्रामीण कार्य विभाग

सहायक अभियंता
ग्रामीण कार्य विभाग

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, बायसी

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD : DAGARUA TO SAKRAIL
DISTRICT : PURNEA
DIVISION : BAYSI
BLOCK : DAGARUA
DAMAGE LENGTH OF ROAD (IN KM) : 3.350

Sl. No.	ITEM OF WORK	AMOUNT (LAKHS)
1	EARTH WORK	0.000
2	G. S. B.	0.000
3	BRICK BAT	16.003
4	SAND BAGS	0.000
5	BAMBOO WORK	0.098
6	HUME PIPE	0.000
7	GEO BAG	0.000
TOTAL COST OF PROJECT =		16.102
Add G.S.T. @ 18%		2.898
Add Labour Cess @ 1%		0.161
Add Seigniorage Fee @ 10 %		0.926
Total Cost of Restoration Work =		20.086

JE
RWD

AE
RWD

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RWD

Technically sanctioned for Rs 20,086 lacs (Rupees Twenty lacs Eight thousand 86 hundred only).

अधीक्षण आदेशितता
शासीन कार्य विभाग
कार्य अंचल, पूर्णिया

28/02/24

DAGARUA TO SAKRAIL

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 dumpoing ,turning for return trip exluding time for haulage and return tirp								
			C/O To Calculation Sheet						713.670		
				Cum					713.670	2242.420	1600347.88
2	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)								
			5.00 Mtr.	m	1 x 5	5.00			5.00		
			Total Length						10.00		
			Both Side Length =1 X 5 m/0.50=10 ,10 x Pile Length (3.0) = Rm						31.00		
			Total Mtr.						31.00	62.110	1925.41
3	5.7.9 WRD		Supplying fitting and fixing of bamboo 62 mm to 75 mm dia runers 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. @ (3.0/1.00)	mtr.	3.00	5.00			7.50		
				mtr.					7.500	33.590	251.93
4	14.18		Supplying fitting and fixing in position splot bamboo woven chanchary with 20 SWG G.I etc. Complete job								
				Sqm	10.00	2.50			25.00	305.8	7645.00
									Total Cost fo Flood Protective work (In Rs.) =		1610170.22
									Total Cost fo Flood Protective work (In Lakh) =		16.102

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06-11-2023
JE.

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E.E.

**DAGARUA TO SAKRAIL
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
	0.000	1	85.00	(3.50+4.0+5.0+3.80+3.90+4.20+4.40+3.40+3.80+3.20+3.0+2.90)/12	(3.50+4.0+5.0+3.80+3.90+4.20+4.40+3.40+3.80+3.20+3.0+2.90)/12	(0.30+0.40+0.60+0.70+0.40+0.30+0.20)/7	132.35	C/S FULL WIDTH
	800	1	20.00	(3.50+3.0+3.30+3.40+3.50+3.80)/6	(3.50+3.0+3.30+3.40+3.50+3.80)/6	(0.20+0.15+0.25+0.15+0.30+0.20)/6	14.24	C/S FULL WIDTH
	1300	1	7.00	(1.80+2.40+3.0)/3	(2.40+5.05)/2	(0.60+1.40+1.80+1.50)/4	34.55	R/S WITH SLOPE
	1300	1	7.80	(3.70+4.20+4.50)/3	(4.133+6.833)/2	(1.20+1.50+1.10+1.60)/4	57.74	FULL CUT B/S SLOPE
		1	11.40	(2.0+2.40+3.80+4.0+2.90+3.0+3.80+4.0)/8	(3.238+5.315)/2	(2.10+1.90+1.60+1.80+2.0+2.30+2.80+2.4+1.80)/9	101.30	R/S WITH SLOPE
		1	3.00	(2.50+2.0+1.80+1.50)/4	(1.950+3.0)/2	(0.90+1.20+1.50+0.60)/4	7.80	L/S WITH SLOPE
	1500	1	3.50	4.400	(4.40+5.20)/2	(0.40+0.50+0.30)/3	6.72	ON CULVERT
		1	5.00	(3.70+3.80+6.0+5.0)/4	(4.625+5.30)/2	(0.80+0.90+0.60+0.40)/4	16.75	R/S WITH SLOPE
		1	10.50	(1.40+1.70+1.80+1.90+1.20)/5	(1.60+5.30)/2	(3.80+4.50+4.20+3.40+2.60)/5	134.03	R/S WITH SLOPE

**DAGARUA TO SAKRAIL
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
		1	3.70	(1.90+2.0)/2	(1.950+4.750)/2	(2.50+3.50+3.0+2.20)/4	34.71	R/S WITH SLOPE
	1550	1	25.00	(3.0+3.20+3.30+3.20+1.60)/5	(2.860+4.810)/2	(1.20+1.0+1.50+1.30+1.0+0.90+0.60+0.30)/8	93.48	FULL CUT B/S SLOPE
		1	8.00	3.000	(3.0+7.0)/2	2.000	80.00	FULL CUT B/S SLOPE
							Total= 713.67	

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20.6.11.2020

J.E

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20.6.11.2020

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