

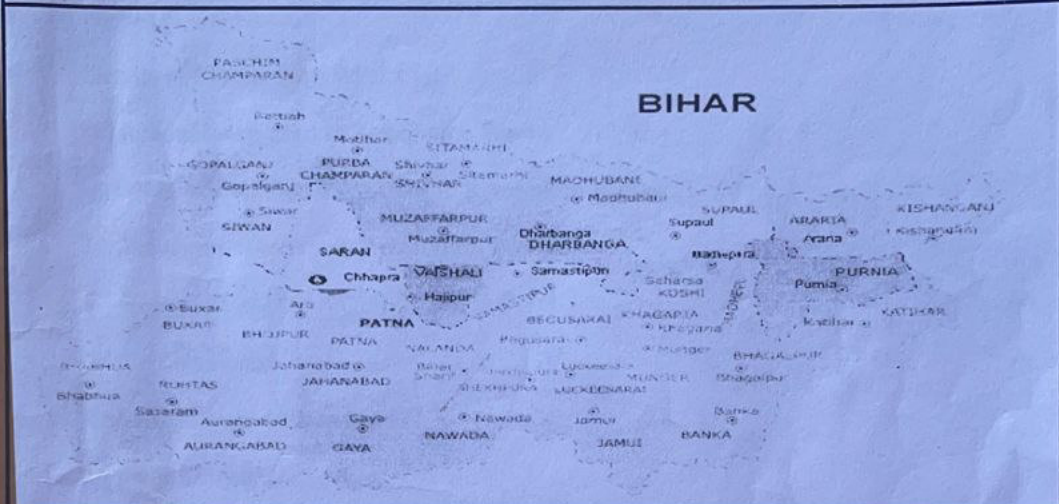


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

2021-22

FLOOD DAMAGED REPORT



Motorable for Saraiya Pahar to Hasanpur

DISTRICT	:-	GOPALGANJ	
DIVISION	:-	GOPALGANJ-2	
BLOCK	:-	BARAULI	
TOTAL LENGTH OF ROAD	:-	4.000	KM
DAMAGED LENGTH OF ROAD	:-	0.492	KM
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:-	32.15 31.422	Lac
TOTAL SEIGNIORAGE FEE	:-	0.15 0.126	Lac
TOTAL COST OF PROJECT	:-	31.549	Lac

32.15

Inspection Report For Flood Damage Work

Date :

- 1 Name of PICU: RWD, WORKS DIVISION, GOPALGANJ-2
2 Name of Block/Road: BARAULI/SARAIYA PAHAR TO HASANPUR

A For Road

- 1 Damage Location/Chainage: 50m, 80m, 100m, 300m, 600m, 650m, 1350m
2 Damage Length: 1600m, 1950m, 2000m, 1650m, 2000-2500m
3 Nature of Damage: 5m, 7m, 9m, 7m, 2m, 5m, 9m,
27m, 10m, 17m, 5.50m, 389m
4 Details of Restoration Works:

i) Material being used in Restoration Works: BRICK BATS

ii) Equipments/Tools being used in Restoration Works: J-CB, TRACTOR WITH TROLLEY

iii) Procedure taken up in Restoration Works:

iv) Restored Length: 492.50m

Work is satisfactory
27/12/21

B For Bridge

- 1 Damage Location/Chainage:
2 Damage Length:
3 Nature of Damage:
4 Details of Restoration Works:

NA

i) Material being used in Restoration Works:

ii) Equipments/Tools being used in Restoration Works:

NA

iii) Procedure taken up in Restoration Works:

iv) Restored Length:

[Signature]
21/12/21

J.E

[Signature]
2-12-21

A.E

[Signature]
02/12/21

E.E

checked by me.

[Signature]
23/12/21

Inspection Officer

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल हथुआ (गोपालगंज)

[Signature]
17/01/22
Superintending Engineer
RWD Works Circle, Siwan

[Signature]
17/01/22
a.

REPORT

Name of Work :- Motorable for Saraiya Pahar To Hasanpur
Estimate Cost :- 31.543 Lac
Total Length :- 4.00 km
Description :- The Present estimate has been farmed under the supervision of Assistant engineer in accordance with the order of Executive Engineer, RWD, WD Gopalganj-2. The part of above mentioned road has been damaged due to heavy rain/flood . And due to this damage the transportation has been obstructed. The immediate motorable work is necessary in public interest. village will be benefitted by the completion of this motorable work.

In the estimate there has been provision of repairing the damaged part of the road & making it motorable by filling brickbats & earthen shoulders. In the context of post flood scenario there is still the flow of water which prevails through the damaged part of the road.

In this estimate the rate of raw materials and labour wages has been prepared after the analysis of new rate. This estimate is as per specification. The estimate is devoted to technical and administrative acceptance.


2/12/21
J.E


2-12-21
A.E


02/12/21
E.E

FLOOD DAMAGED REPORT

GENERAL ABSTRACT OF COST

Block:- BARAULI District:- GOPALGANJ
Length of Road:- 4.000 KM
Name of Road:- Motorable for Saraiya Pahar to Hasanpur

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION :	31.422 ^{32.151} Lacs
B	Total Seigniorage Fee	0.126 ^{0.128} Lacs
	TOTAL :	31.549 ^{32.151} Lacs

[Signature]
2/12/21
Junior Engineer

[Signature]
2-12-21
Asstt. Engineer

[Signature]
02/12/21
Executive Engineer

Technically Sanctioned for Rs 31.549 lacs (Rupees Thirty One Lacs Fifty Four Thousand & Nine Hundred) only

SE
RWD

Technically Sanctioned for Rs 32.151 lacs (Rupees Thirty Two Lacs Fifteen Thousand & one Hundred) only

[Signature]
17/01/22
Superintending Engineer
RWD Works Circle, Siwan

Name of Road :-		Motorable for Saraiya Pahar to Hasanpur				Block :-		BARAULI		Length :-	4.000 km
Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs	Total material Qty. required (Cum)	Total Amount	Add 10 % Seigniorage Fee	
1	3.14	303.1	EARTHWORK Construction of Subgrade and Earthen Shoulders Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1. Unit = cum Taking output = 100 cum Material Compensation for earth taken from private land Cost for 100 cum = a Rate per cum = (a)/100	cum	100.00	34.82	3,482.00 3,482.00				
			Total Cost			34.82		2,513.75	87,528.78	8,752.88	
2			Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals, chowkidar, taxes, royalty etc. all complete job as per specification and direction of E/I including carriage cost of bricks. Unit = cum Taking output = 2.832 Material iii) Local Sand Cost for 300 cum = A Rate per cum = (A)/2.832	Cum cum	0.63	141.85	89.37 89.37 31.56 31.56				
			Total Cost					1,229.80	37,757.47	3,775.75	
								1,229.80	38,886.94	3,886.69	
			Total Seigniorage Fee						12,642.62		
										12,728.81	

Analysis for Carriage by Road & Rail

Motorable for Saraiya Pahar to Hasaunpur

Name of Road:-

District:-

Block :- BARAULI

GOPALGANJ

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km			Loading & Unloading Cost	Carriage Cost by Rail Head	Total ₹
				Pucka / Surface	Katcha				
1	Stone Metal Gr-I & Gr-II (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 885.68 4.59	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.59		210.55	1622.02	Rs. 2718.25
2	Stone Metal Gr-III (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 814.69 4.99	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.99		210.55	1676.71	Rs. 2701.95
3	Stone Aggregate / Chips (Mirzachowki by Rail 381 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 814.69 4.99	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.99		210.55	2103.81	Rs. 3129.05
4	Stone Boulder (Sheikhpura by Rail 271 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 846.93 4.80	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.80		210.55	1729.87	Rs. 2787.35
5	Course Sand	Cum	Koilwar	8.00 x 7.94 x 159.00 Km = Rs 2023.98 4.99	8.00 x 19.22 x 0.00 Km = Rs 0.00 4.99		113.85		Rs. 2137.83
6	Binding Material/Moorum (Jamui by Rail 275 Km)	Cum	Siwan	8.00 x 7.94 x 64.00 Km = Rs 677.55 6.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 6.00		113.85	1307.42	Rs. 2098.82
7	Local Sand	Cum	Local	8.00 x 7.94 x 2.00 Km = Rs 25.46 4.99	8.00 x 19.22 x 1.00 Km = Rs 30.81 4.99		113.85		Rs. 170.12
8	Brick	1000 Nos	Local	8.00 x 7.94 x 7.00 Km = Rs 222.32 2.00	8.00 x 19.22 x 1.00 Km = Rs 76.88 2.00		478.10		Rs. 777.30
9	Cement	MT	Local	8.00 x 7.94 x 10.00 Km = Rs 79.40 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		348.12		Rs. 427.52
10	Steel	MT	Local	8.00 x 7.94 x 10.00 Km = Rs 79.40 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		371.54		Rs. 450.94
11	Bitumen Emulsion	MT	Muzaffarpur	8.00 x 7.94 x 189.00 Km = Rs 1500.66 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		397.72		Rs. 1898.38
12	Bitumen	MT	Muzaffarpur	8.00 x 7.94 x 189.00 Km = Rs 1500.66 8.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 8.00		397.72		Rs. 1898.38
13	Hume Pipe (1000 mm)	m	Siwan	8.00 x 7.94 x 64.00 Km = Rs 406.53 10.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 10.00		70.96		Rs. 477.49
14	Hume Pipe (600 mm)	m	Siwan	8.00 x 7.94 x 64.00 Km = Rs 162.61 25.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 25.00		30.41		Rs. 193.02
15	Hume Pipe (300 mm)	m	Siwan	8.00 x 7.94 x 64.00 Km = Rs 67.75 60.00	8.00 x 19.22 x 0.00 Km = Rs 0.00 60.00		30.41		Rs. 98.16

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SO aa

Type of Road	₹ Per Ton. Km by Tipper	₹ Per Ton. Km by Truck
For Surface Road	10.10	7.94
Unsurface Gravel Road	12.10	9.55
Kachha Road	24.30	19.22

JE RWD

AE RWD

EE RWD

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD : Motorable for Saraiya Pahar to Hasanpur
DISTRICT GOPALGANJ
BLOCK BARAULI
DIVISION GOPALGANJ-2
LENGTH OF ROAD (in Km) 4.000
Damaged Length of Road 0.492

Sl. No.	DESCRIPTION	Amount	1 % Labour Cess	12 % GST	1% Labour Cess & 12% GST AMOUNT (LAKHS)
	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL				
1	BRICK BAT	32.20 21.609	0.222 0.217	2.664 2.600	25.086 24.486
2	EARTHWORK	6.139	0.061	0.737	6.937
	SUB TOTAL	27.807	0.278	3.337	32.023 31.422
	AVERAGE COST PER KM (IN LACS) =	6.952	0.070	0.834	7.856
	Total Seigniorage Fee =				0.128 -0.126
	TOTAL COST OF PROJECT IN LACS =	27.807	0.278	3.337	31.549 32.151

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