



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR YEAR 2024

DISTRICT :- MUNGER
BLOCK :- BARIYARPUR

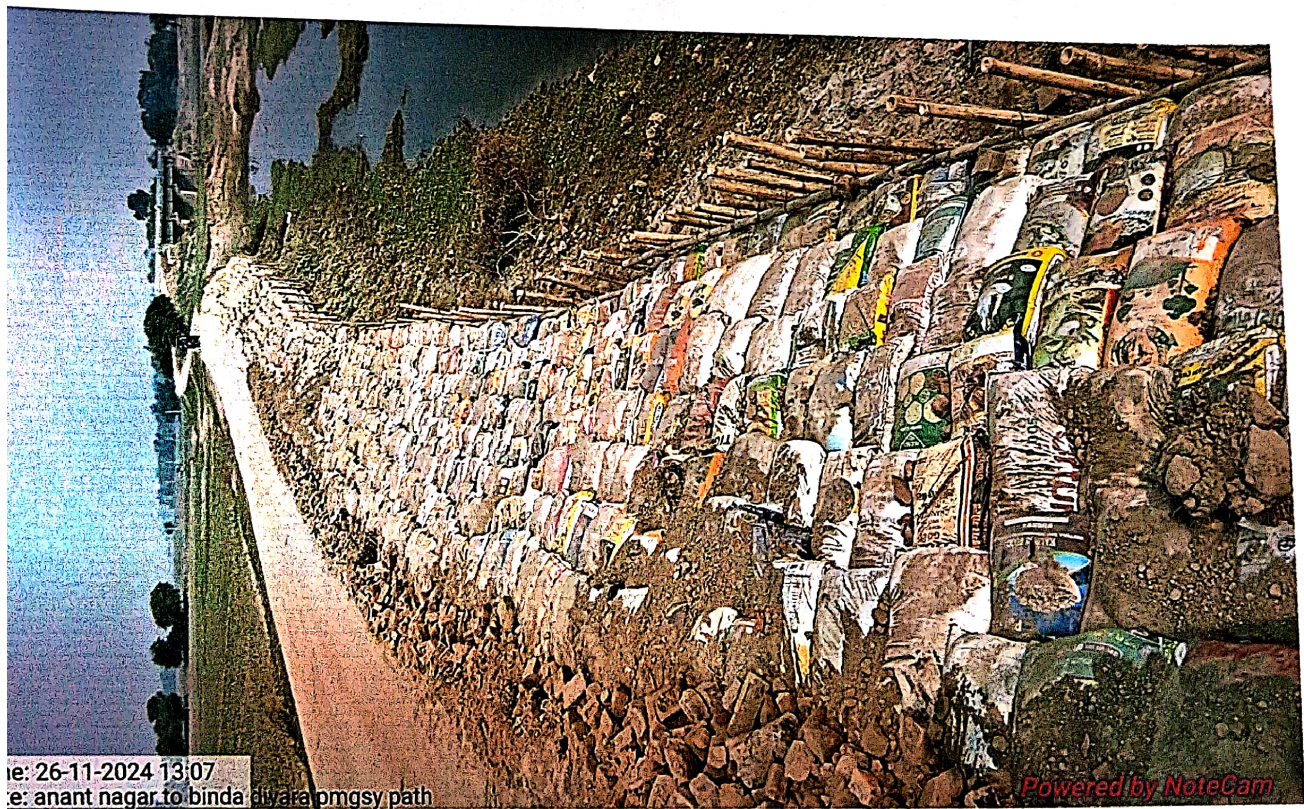
Scheme Head - PMGSY (Under Maintenance)

Estimate for Repair of Road breaches
(Damaged by Flood) for Motorability in L035-
L030 To Anant Nagar Binda Diyara

LENGTH OF ROAD (in Km)- 3.965 KM
DAMAGED LENGTH (in Km)- 0.49 KM

ESTIMATED COST - ~~31.718~~ Lacs
30.765

SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
MUNGER



Rajesh
 26/11/24
 JB

Janki
 26/11/24
 AE



Rajesh
 26/11/24
 JR

Javila
 26/11/2024
 AE



de: 25.345405
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28/11/24
JR

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26/11/2024
AE



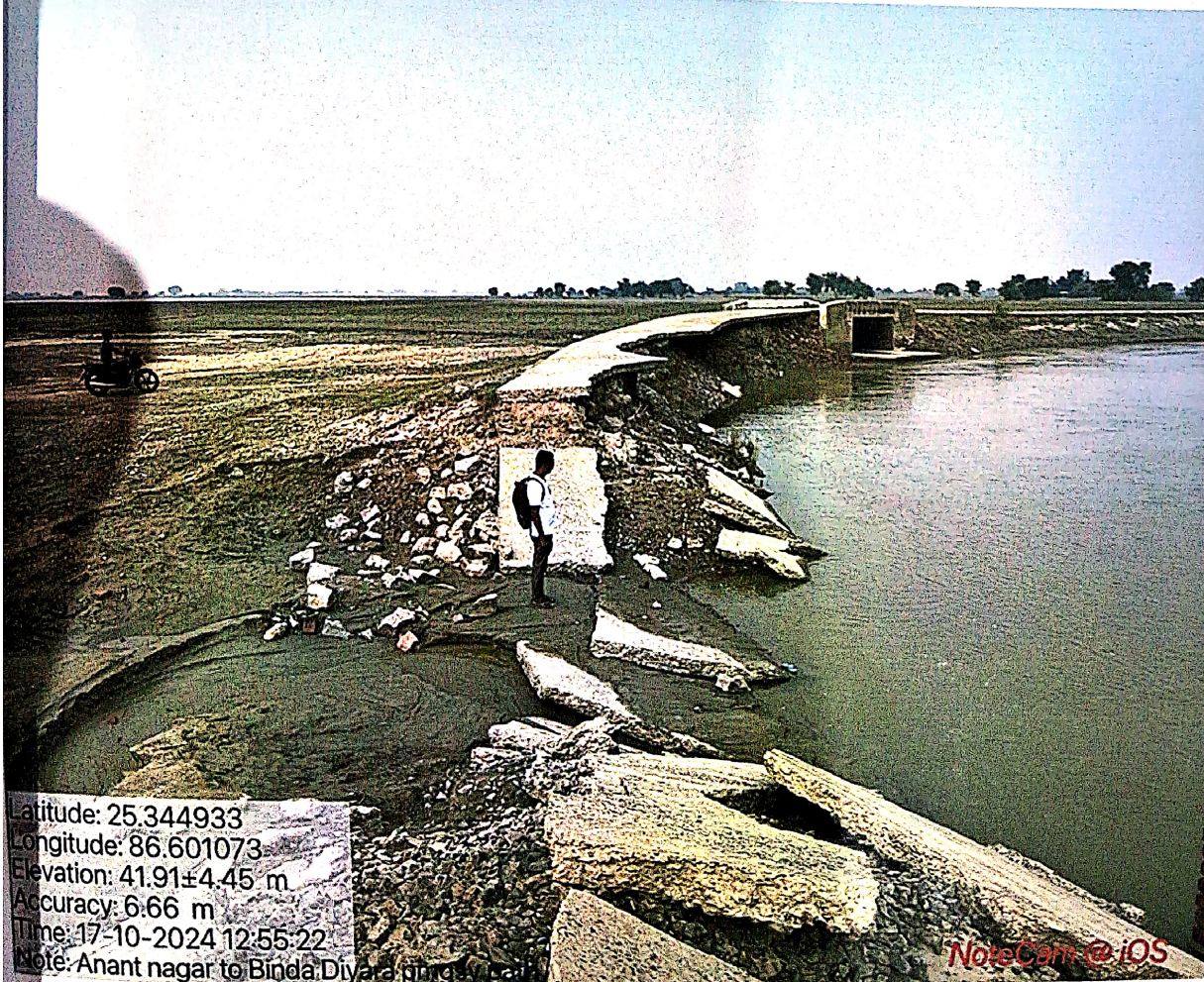
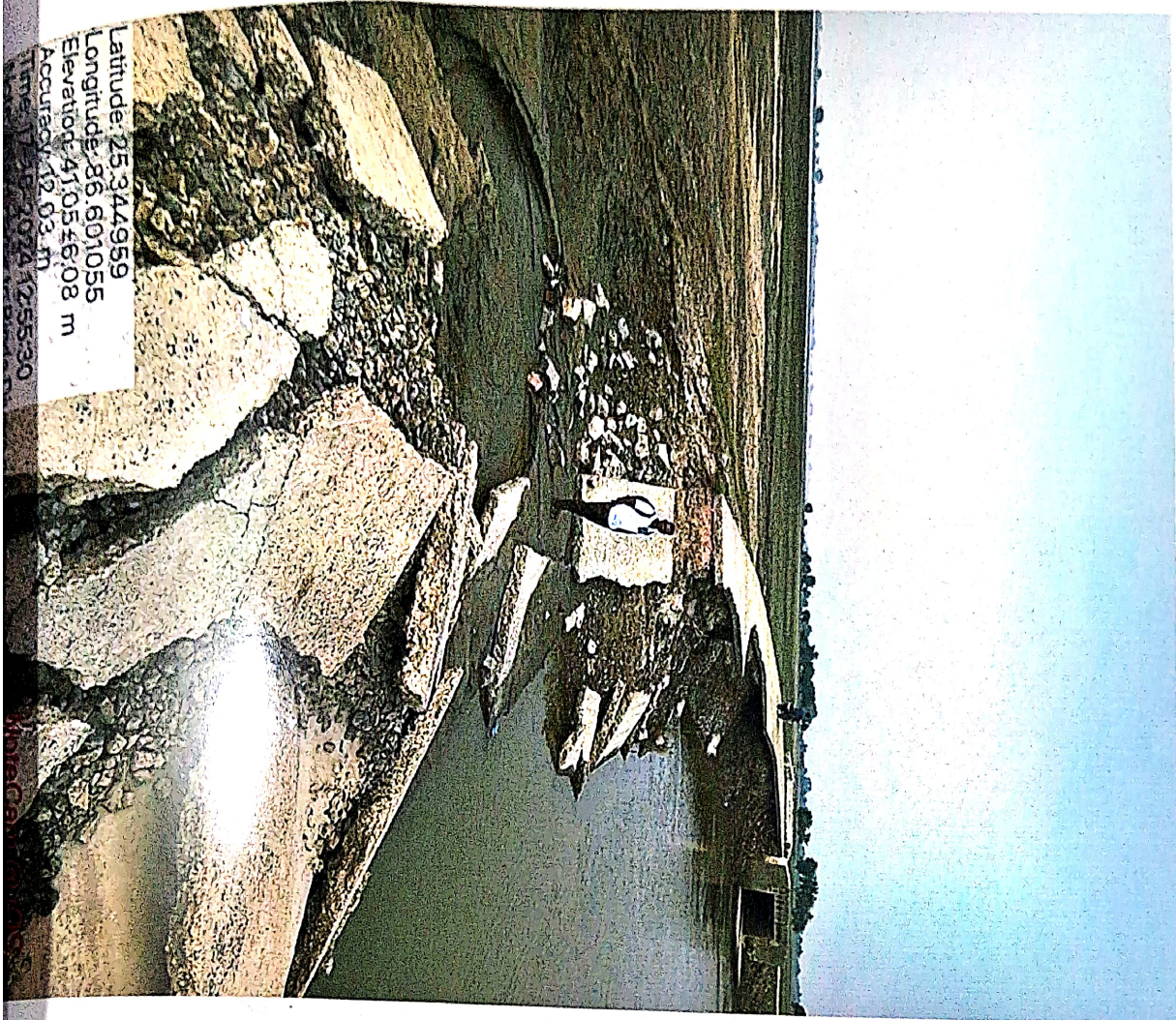
Rajan
 26/11/24
 JE

Juma
 26/11/2024
 AE



Jayash
 26/11/24
 JP

Juvita
 26/11/2024
 AE



Udayan
26/11/24
JE

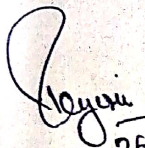
Janila
26/11/24
AE

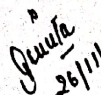
STATEMENT OF CASE

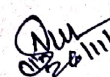
Name of work :- L035-L030 Anant nagar to Binda diyara PMGSY path
Estimated Cost :- Rs ^{30.765}
~~31.718~~ Lacs.
Total length of Road:- 3.965 KM

Description:- The estimate has been framed under the supervision of Assistant Engineer in accordance with the order of Executive Engineer, RWD Work Division Munger. The part of above mentioned road has been damaged due to heavy rain /flood and due to this reason damage the transportation facility has been obstructed. The immediate Motorable work is necessary to public interest. Villagers and transport facility will be benefitted by the completion of this Motorable work. In the Estimate there has been a provision of repairing the damaged part of the road & making it Motorable by filling of Brickbats, pouring Soil bags for prevention of erosion work and bamboo pilling etc. In the context of post flood scenario there is still the flow of water which prevails through the damaged part of road. a

In this estimate the rate of raw material and labour wages has been prepared after the analysis of new rate. This estimate is as per the specifications. The estimate is submitted for technical and administrative acceptance.


26/11/24
J.E.


26/11/24
A.E.


26/11/24
E.E.

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR
MOTORABILITY IN L035 L030 TO ANANT NAGAR BENDA DIYARA

DISTRICT - MUNGER
BLOCK - BARIYARPUR

DIVISION - MUNGER
LENGTH OF ROAD (in Km) - 3.965 KM

Scheme Head - PMGSY (Under Maintenance)

Sl. No.	Item of Work	Amount
1	SAND FILLING	
2	BRICK BATS	
3	SAND BAGS	1.36 4442 Lacs
4	BAMBOOS PILING AND RUNNER	13.825 11.668 Lacs
5	HUME PIPE	7.340 4065 Lacs
A	COST OF RESTORATION	8.24 6.020 Lacs
B	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	0.00 0.000 Lacs
C	ADD LABOUR CESS @ 1% ON "A"	30.765 25.774 Lacs
D	ADD GST @ 18% ON "A + B + C"	0.00 0.848 Lacs
		0.00 0.258 Lacs
	TOTAL COST OF RESTORATION OF ROAD	0.00 4.838 Lacs
		30.765 31.718 Lacs

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26/11/24
Junior Engineer

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Asstt. Engineer

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26/11/24
Executive Engineer

T/S (provisional) is accorded for Rs. 30,76,500=00 (Rs. Thirty lakh seventy six thousand five hundred only) /—

[Signature]
23/11/24
Superintending Engineer
Rural Works Department
Works Circle, Munger
23/11/24

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L035-L030 To Anant Nagar Binda Diyara

Part - FDR

Item No.	Name of Item	unit	No	Length	Width	Height	Qty	Rate	Amount
	Local Sand Filling in trenches, transporting to site, spreading, grading and compacting to meet requirement of Tables 300.1 and 300.2 with a lead as per Technical Specification & direction of E.I.	cum	As Per Appendix I				215.880	515.05 631.13	111205.08
	Providing and Labour for laying dry graded Brick Bats including light ramming etc. all complete as per approved design, specification and direction of E/I.	cum	As Per Appendix II				608.510 486.81	2245.20 2840.10	1368335.18 = 1382583.40
	Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.	As Per Appendix III				15220.000	26.77 48.23	406526.20 = 734060.6
	Providing and Labour for cutting 62 mm to 75 dia Bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I.	RM	As Per Appendix IV				1578.200	280.08 295.78 333.29	442822.26 = 525996.28
	Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails etc. complete job as per specification and direction of E/I.	RM	As Per Appendix IV				1008.400	248.76 295.78	250849.58 = 298264.55
	Providing and laying 1000 mm dia reinforced cement concrete pipe NP3 for culvert on first class bedding of granular material in single row excluding excavation, protection works, backfilling, concrete and masonry.	RM	0 Nos*2.5m				0.000	6612.72	0.00
							TOTAL (in Re.)		2577438.28

= 3077016.32

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Junior Engineer,
Rural Works Department,
Works Section, BARIYARPUR

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26/11/2024

Assistant Engineer,
Rural Works Department,
Works Sub Division, BARIYARPUR

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26/11/24

Executive Engineer,
Rural Works Department,
Works Division, MUNGER

Name of Work :-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L035-L030 To Anant Nagar Binda Diyara

Appendix - II

Measurement for surfacing the Breach with Brick Bats

Sl. No.	Chainage	Nos	Length (M)	Av. Width (M)	Thickness (M)	Quantity (cum)
1	2820 to 2860	1	5.00	2.00 Av.	1.70 Av.	17.00
2	2900 to 3350	1	4.60	2.00 Av.	1.60 Av.	14.72
3		1	39.00	0.70 Av.	0.30 Av.	8.19
4		1	2.00	1.70 Av.	0.60 Av.	2.04
5	after Bridge	1	1.90	1.60 Av.	0.60 Av.	1.82
6		1	27.20	5.00 2.46 Av.	2.46 5.00 Av.	334.90
7		1	42.30	1.60 Av.	1.15 Av.	77.83
8		1	40.00	1.90 Av.	2.00 Av.	152.00
As per detailed measurement mention in Measurement Book .			Total			608.51
Net Quantity of Brick Bats						608.51
Less 20% for void						

Less 20% for void as compaction is done 100% (-)

121.70
486.81 cum

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Junior Engineer

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Assistant Engineer

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26/11/24
Executive Engineer

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability
in L.O.35-L.O.30 To Anant Nagar Binda Diyara

Appendix - 1

Measurement for surfacing the Breach with Sand Filling

Sl. No.	Chainage	Nos	Length (M)	Width (M)	Thickness (M)	Quantity (cum)
1	2820 to 2860	1	40.00	0.80 Av.	0.40 Av.	12.80
2	2900 to 3350	1	12.00	0.60 Av.	0.30 Av.	2.16
3		1	3.80	1.00 Av.	1.30 Av.	4.94
4		1	99.00	2.10 Av.	0.40 Av.	83.16
5		1	10.00	0.90 Av.	0.80 Av.	7.20
6		1	40.00	1.30 Av.	0.70 Av.	36.40
7		1	63.00	1.90 Av.	0.40 Av.	47.88
8		1	44.00	0.80 Av.	0.60 Av.	21.12
Total						215.66
Deduction for 0Nos old 1000 mm HP at 0 m (3.142*0.36*0)						0.00
Deduction for 0Nos old 600 mm HP at 0 m (3.142*0.22*0)						0.00
Net Quantity of Earth Work -						215.66

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Junior Engineer

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Assistant Engineer

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26/11/24
Executive Engineer

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L035-L030 To Anant Nagar Binda Diyara

Appendix - III						
Measurement for surfacing the Breach with Sand Bags						
Sl. No.	Chainage	Nos	Row	Layer		Quantity (cum)
1	2820 to 2860	2	18.00	9.00		324.00
2	2900 to 3350	7	15.00	2.00		210.00
3		2	257.00	7.00		3598.00
4		2	257.00	6.00		3084.00
5	after Bridge	3	138.00	12.00		4968.00
6	after H.P.	2	138.00	9.00		2484.00
7		1	138.00	4.00		552.00
Total						15220.00

Rayan
26/11/24
JD

Sumita
26/11/2024
AE

Sum
26/11/24
EG

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L035-L030 To Anant Nagar Binda Diyara

Appendix - IV						
Measurement for Bamboo Piles						
Sl. No.	Chainage	Nos	No.		Length	Quantity (Nos.)
1	2820 to 2860	1	14.00		2.200	30.80
2	2900 to 3350	1	12.00		2.200	26.40
3		1	110.00		2.130	234.30
4	after Bridge	1	312.00		3.350	1045.20
5	after H.P.	1	115.00		2.100	241.50
			Total			1578.20

Measurement for Bamboo Runner						
Sl. No.	Chainage	Nos	No.		Length	Quantity (M)
1	2820 to 2860	1	4.00		7.000	28.00
2	2900 to 3350	1	4.00		4.600	18.40
3		1	3.00		110.000	330.00
4	after Bridge	2	4.00		67.000	536.00
5		1	48.00		2.000	96.00
			Total			1008.40

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JB

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26/11/24
AT

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26/11/24
EB