



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR YEAR 2024

DISTRICT :- DARBHANGA

BLOCK :- KIRATPUR

Scheme Head - PMGSY (Out of Maintenance)

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L035- T01 To BHUBHAUL(VR16) Bridge

LENGTH OF ROAD (in Km)- 0.400 KM

DAMAGED LENGTH (in Km)- 0.300 KM

TEMPORARY RESTORATION LENGTH (in Km)- 151 M

ESTIMATED COST - ~~34.313~~ ^{35.772} Lacs

SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BIRAUL

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L035-T01 To BHUBHAUL(VR16) Bridge

Appendix - I						
Measurement for surfacing the Breach with EARTH WORK						
Sl. No.	Chainage	Nos	Length (M)	Width (M)	Thickness (M)	Quantity (cum)
1	1st km	0	8.70	5.10 Av.	4.80 Av.	0.00
2		0	6.50	1.81 Av.	1.78 Av.	0.00
3		0	27.43	16.76 Av.	5.30 Av.	0.00
4		1	30.48	13.72 Av.	0.75 Av.	313.64
5		1	39.52	7.00 Av.	0.75 Av.	207.48
6		1	72.30	7.00 Av.	0.75 Av.	379.58
			Total			900.69
			Deduction for 0Nos old 1000 mm HP at 0 m ($3.142 \times 0.36 \times 0$)			0.00
			Deduction for Nos old 600 mm HP at 0 m ($3.142 \times 0.22 \times 0$)			0.00
			Net Quantity of Earth Work -			900.69

Santhosh
25-11-2024
Junior Engineer

A. S. S.
26/11/24
Asistant Engineer

B. S. S.
26/11/24
Executive Engineer


Name of Work:-

Estimate for Repair of Road breaches (Damaged by
Flood) for Motorability in L035-T01 To
BHUBHAUL(VR16) Bridge

Appendix - II

Measurement for surfacing the Breach with SAND FILLING Work

Sl. No.	Chainage	Nos	Length (M)	Width (M)	Thickness (M)	Quantity (cum)
1	1st km	1	8.70	5.10 Av.	4.80 Av.	212.98
1		2	6.50	1.81 Av.	1.78 Av.	41.88
2		1	27.43	16.76 Av.	5.30 Av.	2436.55
3		1	30.48	13.72 Av.	4.40 Av.	1840.02
4		0	39.52	7.00 Av.	0.00 Av.	0.00
5		1	72.30	7.00 Av.	3.85 Av.	1948.49
Total						6479.91
Deduction for 0Nos old 1000 mm HP at 0 m (3.142*0.36*0)						0.00
Deduction for Sand Bag						-2581.70
Net Quantity of Earth Work -						3898.21


25/11/2024
Junior Engineer


25/11/2024
Asistant Engineer


25/11/2024
Executive Engineer


Name of Work:-

Estimate for Repair of Road breaches (Damaged by
Flood) for Motorability in L035-T01 To
BHUBHAUL(VR16) Bridge

Appendix - III

Measurement for surfacing the Breach with Brick Bats

Sl. No.	Chainage	Nos	Length (M)	Width (M)	Thickness (M)	Quantity (cum)
1	1st km	1	8.70	5.10 Av.	0.00 Av.	0.00
2		1	27.43	7.32 Av.	0.00 Av.	0.00
3		1	30.48	4.88 Av.	0.62 Av.	92.13
4		1	39.52	4.15 Av.	0.30 Av.	49.20
5		1	72.30	4.63 Av.	0.30 Av.	100.32
			Total			241.64
			Deduction for 0Nos old 1000 mm HP at 0 m ($3.142 \times 0.36 \times 0$)			0.00
			Deduction for Nos old 600 mm HP at 0 m ($3.142 \times 0.22 \times 0$)			0.00
			Quantity of Brick Work -			241.64
			Less for Voids @ 20% =			48.33
			Net Quantity of Brick Work -			193.31


25-11-2024
Junior Engineer


26/11/2024
Asistant Engineer


26/11/24
Executive Engineer

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR
MOTORIBILITY IN L035-T01 TO BHUBHAUL(VR16) BRIDGE

DISTRICT - DARBHANGA

DIVISION - BIRAU

BLOCK - KIRATPUR

LENGTH OF ROAD (in Km)- 0.000 KM

Scheme Head - PMGSY (Out of Maintenance)

SL. No.	Item of Work	Amount
1	SAND FILLING	11.741 Lacs
2	BRICK BATS	3.668 Lacs
3	SAND BAGS	15.999 Lacs
4	BAMBOOS PILING AND RUNNER	2.905 Lacs
5	HUME PIPE EARTH WORK	1.459 0.000 Lacs
	COST OF RESTORATION	35.772 34.313 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	0.000 Lacs
	ADD LABOUR CESS @ 1%	0.000 Lacs
	ADD GST @ 18%	0.000 Lacs
	TOTAL COST OF RESTORATION OF ROAD	35.772 34.313 Lacs

Satish
25-11-2024
Junior Engineer

Adil
26/11/24
Asstt. Engineer

Abhinav
26/11/24
Executive Engineer

T/S (Provisional) is accorded for Rs 35,77,200 = 35,77,200 = 35,77,200
(Rs thirty five lakhs seventy seven thousand two hundred only)
Certified copy
Thirty five lakh seventy seven thousand two hundred only

Adil
29.11.24
Superintending Engineer
R. W. D. Works Circle
Darbhanga
29/11/24

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L035-T01 To BHUBHAUL(VR16) Bridge

Head - FDR

Sl No.	Item No.	Name of Item	unit	No	Length	Width	Height	Qty.	Rate	Amount
1		EARTH WORK - Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	cum		As Per Appendix I			900.690	162.01	145920.787
2		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 II			3946.538	297.49	1174055.59
3		Providing and and Labour for consolidation in Brick Bat by Road Roller in proper grade camber and super elevation dry and wet rolling including cost of running charge of roller diver and khalasi making and maintaining diversion light barrier - do - do - danger signal etc. all complete .	cum		As Per Appendix III			193.312	1897.61	366830.78
4		Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.					74832.000	21.38	1599908.16
5		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					1208.000	58.80	71030.40
6		Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every virtual 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					6040.000	36.34	219493.60
7		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	6077.24	0.00
8		Providing and laying 600 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	2586.58	0.00
TOTAL (in Re.)										3577239.32

Satan
25-11-2024
Junior Engineer,
Rural Works Department,
Works Section, KIRATPUR

Ash
26/11/2024
Assistant Engineer,
Rural Works Department,
Works Sub Division, KIRATPUR

Prasanna
26/11/24
Executive Engineer,
Rural Works Department,
Works Division, BIRAUL

तकनीकी प्रतिवेदन
(FDR-2024-25)


पथ का नाम :- TOI TO BHUBHAYL (BRIDGE)

पथ की लंबाई :- 0.400


प्रखंड का नाम :- Kiratpur

प्राक्कलित राशि :- 35.772 लाख

प्रस्तुत प्राक्कलन प्रखंड किरतपुर के अंतर्गत आता है। माह जुलाई से अक्टूबर 2024 में अतिवृष्टि/बाढ़ के कारण उक्त पथ में जगह-जगह कटाव हुआ था। जिसके कारण आवगमन बन्द हो गया था। उक्त पथ को Brick Bat/Earth Work/Hume Pipe/Sand Bag/Bamboo Piling भरकर आवगमन चालू कर दिया गया है। वर्तमान समय में यातायात सुगमता से चालू है। यह प्राक्कलन अनुमोदन हेतु प्रस्तावित है।


25-11-2024
कनीय अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, किरतपुर


26/11/24
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल, किरतपुर


26/11/24
कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बिरौल