

Inspection Report of Flood Damage work

Name of PIUs:- RWD Works Division, ~~Benipatti~~ Benipatti

Name of Block/Road:- Kutheshwarthan East / LO29 to Khalasin screw pile Bridge.

A. For Road

1. Damage Location Chainage:-
 2. Damage Length :-
 3. Nature of Damage :-
 4. Details of Restoration Works
- } N/A.
- i. Material being used in Restoration works:-
 - ii. Equipment's / Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:-

B. For Bridge

1. Damage Location Chainage:- 1430
 2. Damage Length :- 9.00 Mtr
 3. Nature of Damage :- Breach due to Flood.
 4. Details of Restoration Works
- i. Material being used in Restoration works:- Bamboopiling, EC Bags & Brick bats
 - ii. Equipment's / Tools being used in Restoration works :- Tractor, Roller.
 - iii. Procedure taken up in Restoration works:- Pilling, EC bag filling & Brick bat compacting.
 - iv. Restored Length:- 9.00 Mtr

Restored Qty :- 282.309 M3.
Work force satis factory.

Signature of JE/AI/EE

Signature
20/12/21

(Name of inspection)

20/12/21
JE

Abstract of Cost

NAME OF SCHEME : FDR 2021
 NAME OF ROAD : L029 to Kialasin Screw pile Bridge
 DISTRICT : Darbhanga
 BLOCK : Kusheshwarsthan East
 DIVISION : Biraul
 LENGTH OF ROAD : 1.50KM

Sl. No.	DESCRIPTION	AMOUNT
	RESTORATION WORK	
1	TOTAL LABOUR COST FOR DRIVING (Total quantity 111.75m @ RATE Rs 31.20/m)	₹ 3,486.60
	ADD GST @ 12 %	₹ 418.39
	ADD LABOUR CESS @ 1 %	₹ 34.87
2	TOTAL LABOUR COST OF RUNNER (Total quantity 305.5m @ RATE Rs 5.50/m)	₹ 1,680.25
	ADD GST @ 12 %	₹ 201.63
	ADD LABOUR CESS @ 1 %	₹ 16.80
3	TOTAL COST FOR BAMBOO (Total quantity 111.0Nos @ RATE Rs 166.50/each)	₹ 18,481.50
	ADD GST @ 12 %	₹ 2,217.78
	ADD LABOUR CESS @ 1 %	₹ 184.82
4	TOTAL COST OF EC Bags (Total quantity 3061.0Nos @ RATE Rs 36.90)	₹ 1,12,950.90
	ADD GST @ 12 %	₹ 13,554.11
	ADD LABOUR CESS @ 1 %	₹ 1,129.51
	ADD SEIGNIORANGE FEE ((Total quantity 104.063x Rs 141.85.00)x 10%)	₹ 1,476.13
	TOTAL COST	₹ 1,55,833.28
5	TOTAL COST OF BRICKS BAT (Total quantity 412.92 m3 @ RATE Rs 2004.96)	₹ 8,27,888.08
	ADD GST @ 12 %	₹ 99,346.57
	ADD LABOUR CESS @ 1 %	₹ 8,278.88
	ADD SEIGNIORANGE FEE ((Total quantity 412.92 x Rs 1032.00)x 10%)	₹ 42,613.34
	TOTAL COST	₹ 9,78,126.88
	GRAND TOTAL	₹ 11,33,960.16

2980=0
 358=0
 30=0
 1163=00
 140=0
 12=0
 14652=0
 1758=0
 147=0
 566820=0
 68018=0
 5668=0
 29176=0
 846755=0

Handwritten signature
 08/11/24

JE
 RWD

Kusheshwarsthan East

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 AE
 RWD

Kusheshwarsthan East

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 EE
 RWD

Biraul

Part facta T/S accorded for Rs 846755=00 in words (Eight lakh forty six thousands seven hundred and fifty five only) in reference to letter no 2266 dated 28/12/24 by EE RWD Bewipatti.

Handwritten signature
 Superintending Engineer
 RWD Works Circle, Darbhanga

Detailed Estimate of Flood Damaged Road

Name of Division:- Biraul
 Name of Work:- L029 to Khalasin Screw pile Bridge
 Name of Scheme:- FDR 2021
 Length(in Km):- 1.50KM

Block:- Kusheshwarthan East
 District:- Darbhanga

1	Labour For Cutting 62 mm to 75 mm dia Bamboo pile to size and making Shoes and Driving etc complete job as per specification and direction of E/I	Details of Actual Measurement		Quantity
i	Length U/Stream L/S			10 m
ii	Length D/Stream R/S			10 m
iii	Abutment Side			3.5 m
	Total length			23.5 m
	C/C distance of piles=			0.35 m
i	Say Nos of Piles=	(23.5/0.35)+3		70 Nos
	Say Nos of Inclined Piles=			15 Nos
	Say Nos of Inclined Piles=			12 Nos
ii	Total Inclined Piles			27 Nos
	Total Length of pile=	60×3.5		245.0 m 210 Mtr
	Total Length of Incline pile=	$(15 \times 5m) + (12 \times 3.5)$		117.0 m
	driving depth each pile=			1.5 m
	driving depth Incline pile=			0.25 m
	Total driving depth	$60 \times 1.5 + 27 \times 0.25$		111.75 m
				95.5 m
2	Labour For 62 mm to 75 mm dia Bamboo runners in position at every vertical pile with 150mm long nails or 38 SWG G.I wire including cost of G.I.wire etc all complete Job	Details of Actual Measurement		Quantity
	Main Runner=	$1370 \times 23.5m$		305.5 m 241.5 Mtr
		9		305.5 m
	Total			

3

Supplying 62 mm to 75 mm Bamboo including Loading -Unloading Carriage upto Work Site etc all complete job

- i Quantity vide Item 1 For vertical Pile
- ii Quantity vide Item 1 For Incline Pile
- Quantity vide Item 2 For Runner

Total
Total Nos of Bamboo

Details of Actual Measurement

Quantity

245 m 210 MW
117 m 95.51
305.5 m 117.00
667.5 m 211.50
538.5 m
111 Nos. 88 Nos

538.5
667.5m/6m

4

Labour for filling E.C bags with Local sand, stitching the Bags and Placing in Proper position including supplying of sautli etc all complete job

Particulars

Details of Actual Measurement

No.	Length(m)	Breadth(average)(m)	Depth(average)(m)	Quantity(m ³)
1	10.00	(2.5+0.5)/2	(4.0+3.5)/2	56.250 m ³
1	5.00	(2.5+0.5)/2	(4.0+3.5)/2	28.125 m ³
1	3.50	(2.5+0.5)/2	(4.0+3.5)/2	19.688 m ³

Total

153.0 m³/0.034m³
Total 104.063 m³
3061 Nos

Nos of EC bags

SI. No.

SOR SI.No.

6.61 WRD

BIHAR

Items of Work

Providing and laying of Bricks bats with carriage by tractor loading with front end loader with light ramming etc all complete job

Particulars

Details of Actual Measurement

No.	Length(m)	Breadth(average)(m)	Depth(average)(m)	Quantity(m ³)
1	9.00	(3.6+3.0)/2 (3.65)	(4.5+3.0+1.8)/3	133.920 m ³
1	9.00	(3.8+3.0)/2 (3.4)	(4.5+3.0+1.8)/3	138.105 m ³
1	9.00	(3.6+3.0)/2 (3.65)	(4.5+3.0+1.8)/3	140.895 m ³

Total

3.7
4.0
1.5
Total 412.920 m³
282.709 m³

20/12/24

Junior Engineer

RWD

Kusheshwarthan East

20/12/24

Asstt. Engineer

RWD

Kusheshwarthan East

Executive Engineer

RWD

Biraul

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेनीपट्टी।

पत्रांक:- २२६६/बेनीपट्टी

दिनांक:- २८-११-२१

प्रेषक,

कुल-३३

प्राप्त किया

२१/११/२१

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बेनीपट्टी।

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, दरभंगा।

विषय:- ग्रामीण कार्य विभाग, कार्य प्रमंडल, विरौल अंतर्गत वर्ष-2021 में आई बाढ़ के कारण क्षतिग्रस्त पथों का Motorable कार्य का स्थल जाँचोंपरांत प्राक्कलन समर्पित करने के संबंध में।

प्रसंग:- भवदीय ज्ञापनांक :- 2142 दिनांक:- 15.11.2021
महाशय,

उपर्युक्त विषयक प्रासांगिक पत्र के आलोक में कहना है कि कार्य प्रमंडल, विरौल द्वारा वर्ष-2021 के बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों का Motorable कार्य का प्राक्कलन हाथों हाथ इस प्रमंडल को उपलब्ध कराया गया था। उक्त प्राक्कलन जाचोंपरांत (विवरण निम्नवत) समर्पित किया जाता है :-

क्रम संख्या	प्रखंड का नाम	पथ का नाम	राशि (लाख में)
1	Kiratpur	L032 To Bandariya	✓
2	Kiratpur	L028 To Pakariya	✓
3	Kiratpur	Rasiyari To Chilkora (And Jagiya SP Bridge)	✓
4	Kiratpur	Biraul To Jamalpur Old PMGSY Road	✓
5	Kiratpur	T01 To Khasiya HL Bridge	✓
6	Kiratpur	Jamalpur To Rasiyari	✓
7	Kiratpur	Bhandariya (Bardipur) To Kakarwa	✓
8	Kiratpur	T02 (L025) To Kalyana	✓
9	Kiratpur	PMGSY to Koshi Bandh	✓
10	Kiratpur	T01 To Bagras	✓
11	Kiratpur	Yadav Tol (Bhandariya) to Mushahari	✓

12	Kiratpur	Madhya Vidyalay Jagso To Jagso Paschim	✓
13	Kiratpur	PMGSY To Khatny Tol	✓
14	Kiratpur	T01 To Mushariya	✓
15	Kiratpur	T01 to Amrit Nagar	✓
16	Kiratpur	Daka To Dhanha	✓
17	Kiratpur	Tarwara To Gachhi Tol	✓
18	Kusheshwar Asthan	T05 To Manikchand	✓
19	Kusheshwar Asthan	T06 To Pakahi Road	✓
20	Kusheshwar Asthan	Pachahra Bujurg To Narayanpur	✓
21	Kusheshwar Asthan	PWD Harauli Madhya Vidyalay To Mahadalit Tola	✓
22	Kusheshwar Asthan	L059 – L058 To Sanhauli	✓
23	Kusheshwar Asthan	Chandani Chauk To Bargaon	✓
24	Kusheshwar Asthan	Shahpur To Ghardaur	✓
25	Kusheshwar Asthan	L047 To Paswan Tol	
26	Kusheshwar Asthan	L044 To Simraha	✓
27	Kusheshwar Asthan	T01 To Bishanpur	
28	Kusheshwar Asthan	Jhajhra To Chighri	
29	Kusheshwar Asthan	Semala To Shahpur Sohorwa To Gopalpur	✓
30	Kusheshwar Asthan	Dubha To Sanichra	
32	Kusheshwar Asthan	T06 to Kubotan	✓

33	Kusheshwar Asthan	Masankhan To Bhedarn	
34	Kusheshwar Asthan	L044 To Simraha	
35	Kusheshwar Asthan	PNB Bank Satighat To Paro Road	✓
36	Kusheshwar Asthan	Simraha To Karkaulia	
37	Kusheshwar Asthan	Kalna To Mishi	
38	Kusheshwar Asthan Purbi	T01 To Jimraha	✓
39	Kusheshwar Asthan Purbi	Dhaboliya To Phakdoliya	✓
40	Kusheshwar Asthan Purbi	T02 To Safi Tol	✓
41	Kusheshwar Asthan Purbi	Kusheaswar Asthan To Asma	
42	Kusheshwar Asthan Purbi	T02 Tilkeswar To Karayen	✓
43	Kusheshwar Asthan Purbi	L029 To Khalasin Screw Pile Bridge	✓

अनु०:-यथोक्त ।

विश्वासभाजन,
 28.12.21
 कार्यपालक अभियंता,
 ग्रा०का०वि०, कार्य प्रमंडल, बेनीपट्टी ।