



बिहार सरकार

## GOVERNMENT OF BIHAR

NAME OF WORK :- Restoration work of breached road at Site of H  
L Bridge NH-31 to Azmabad LOSO - NH 31 to  
Azmabad path upto Bhagalpur Bander (VR 50) Kalwalia Dhar  
Restoration Length :- 0.077 Km

Block:- Kursela

### DETAILED PROJECT REPORT

UNDER FDR (3054)

### ESTIMATED COST

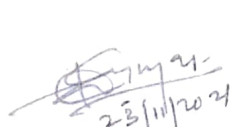
Rs. 57,93,305.00


-: PREPARED BY :-  
**EXECUTIVE ENGINEER**  
R.W.D. (W) DIVISION, KATIHAR


## निरीक्षण प्रतिवेदन


अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, पूर्णियाँ के पत्रांक-1361 दिनांक-20.11.2021 में दिये गये निर्देश के आलोक में दिनांक 30.11.2021 तक ग्रामीण कार्य विभाग, कार्य अंचल, पूर्णियाँ अन्तर्गत ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार में कुर्सेला प्रखण्ड के वर्ष 2021 की बाढ़ से निम्नलिखित क्षतिग्रस्त पथों के Temporary Restoration कार्य के स्थल का निरीक्षण किया गया एवं इन कार्यों को प्राक्कलन के अनुरूप पाया गया। कार्य की वर्तमान स्थिति संतोषजनक है एवं पथ इन स्थलों पर मोटररेबल है।

Block-	Kursela					
Sl No.	Name of Division	Name of Road	Road Status	Length (In KM)	Estimated cost for Restoration (In Lakh)	Remarks
1	2	3	4	5	6	7
1	Katihar	Kursela Power house to Majadiha Village Kali Asthan Tak	Ongoing	1.890	9.97235	Restoration work Completed
2	Katihar	Railway Station To Mandal Tola Paswan Tola Hote Hue Pathar Tola Tak	Out of Maintenance	1.100	14.61570	Restoration work Completed
3	Katihar	NH-31 To Azmabad (Site of HL Bridge) Path up to Bagalpur border (VR50) Kalmatia Phari	Out of Maintenance	150 M	57.93305	Restoration work Completed
4	Katihar	Nabard Road to Mandheli Banpar Tola	Ongoing	0.500	12.62046	Restoration work Completed
5	Katihar	L047-S.H. Kursela To Baghmara via Primary School Ghurna (VR47)	Maintenance	2.813	9.52953	Restoration work Completed
6	Katihar	PMGSY Kateriya Azmabad To Kharwar tola	Maintenance	1.400	6.09394	Restoration work Completed
7	Katihar	MMGSY road to Shahpur Dharmi Milik	Maintenance	0.500	8.82934	Restoration work Completed
8	Katihar	L052-Devipur Vil. To Kamlakanhi M. M. S. N. Y. Bridge (Track46)	Maintenance	2.151	11.84180	Restoration work Completed
9	Katihar	NH-31 to Indra gram hote hue Sahdev Hadi tak	Maintenance	1.115	11.02155	Restoration work Completed
10	Katihar	Primary School Gobrahi Bin Toli to Mahanth baba Sthan Tak	Maintenance	1.000	8.27640	Restoration work Completed
11	Katihar	Balthi Maheshpur Chowk To Yadav Tola	Out of Maintenance	1.000	18.22548	Restoration work Completed
12	Katihar	Majdia Kinara Tola Khara Tola To Devipur	Out of Maintenance	1.487	0.48479	Restoration work Completed

  
 कनीय अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य प्रशाखा-कुर्सेला

  
 सहायक अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य अवर प्रमंडल, कुर्सेला।

  
 कार्यपालक अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य प्रमंडल, कटिहार।

  
 कार्यपालक अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य प्रमंडल, मनिहारी।

## ग्रामीण कार्य विभाग , कार्य प्रमंडल, कटिहार।

प्रखण्ड - कुर्सेला

योजना का नाम - अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त "एन0एच0-31 से अजमाबाद" पुल का  
आकस्मिक मरम्मत कार्य (पार्ट-A)

पथ की कुल लम्बाई - मी0

क्षतिग्रस्त पथांश की लम्बाई - 77 मी0

प्राक्कलित राशि - रू0 57,93,305.00

शीर्ष -FDR (3054)


### प्रतिवेदन

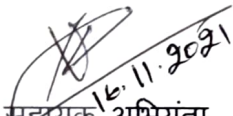
प्रस्तुत प्राक्कलन अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन रू0 57,93,305.00 मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार के द्वारा शीर्ष FDR के अन्तर्गत बनाया गया है।


तत्काल आवागमन को चालू रखने एवं पथ को और ज्यादा क्षतिग्रस्त होने से बचाने हेतु आकस्मिक मरम्मत के लिए पथांशों में Brick Bats, बॉस पाईलिंग, चचरी एवं रनर से बचाव का कार्य का प्रावधान किया गया है।

पथ मरम्मत कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं उद्धृत दर में से न्यूनतम दर को लेते हुए एवं सामग्रियों की ढुलाई निकटतम खदान से प्रावधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं है।

कार्यहित में प्राक्कलन का अनुमोदन अपेक्षित।

  
कनीय अभियंता,  
कुर्सेला

  
सहायक अभियंता,  
ग्रा0का0वि0, कार्य अवर प्रमंडल,  
कुर्सेला

  
कार्यपालक अभियंता  
ग्रा0का0वि0, कार्य प्रमंडल,  
कटिहार।



**NAME OF  
WORK:-**

**Restoration work of breached road at Site of H-L  
Bridge NH-31 to Azmabad Path upto Bhagalpur border  
(VR50) Kalwalia Dhar**

Total Length :- 0.150 KM

Restoration Length :- 0.077 Km

**ABSTRACT OF COST**

Sl. No.		Unit	Rates	Quantity	Amount
1	<b>Providing and Laying of Brick Bats:</b> Placing tractor at loading point loading with front end loader dumpong, turning for return trip exluding time for haulage and return tirp	Cum	1,867.70	2,497.82	46,65,178.00
2	Providing, cutting and fixing of 62 mm to 75 mm dia bamboo piles in size with making shoes and driving etc. complete job as per specification and direction E/I.	RM	49.30	3,288.00	1,62,098.00
3	Supply Labour for fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every verticle pile with 150 mm long nails or 38 swg G. I. wire including cost of G.I. or nails complete job as per specification and direction	RM	26.37	1,536.00	40,504.00
4	Labour for fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 75 mm to 100 mm long nails alternatively including cost of G. I. wire or nails complete job as per specification and	Sqm	235.09	142.80	33,571.00
	<b>Total Amount</b>			<b>Rs.</b>	<b>49,01,351.00</b>
	Add for GST @ 12%			Rs.	5,88,162.00
	Add for Labour Cess @ 1%			Rs.	49,014.00
	Add for Seigniorage Fee			Rs.	2,54,778.00
	<b>Gross Total Amount</b>			<b>Rs.</b>	<b>57,93,305.00</b>
	<b>Say</b>			<b>Rs.</b>	<b>57,93,305.00</b>

*[Signature]*  
16/11/2021  
J.E.

*[Signature]*  
16.11.2021  
A.E.

*[Signature]*  
21/11/2021  
E.E.

RWD, Sub-Division, Kursela


RWD (W) Div. Katihar


*Provisional Technical Sanction for ₹57,93,305.00 (Rupees Fifty seven lac fifty*


P.T.O.

Name of Road: - ~~Site of H.E. Bridge~~ <sup>LoSO -</sup> NH-31 to Azmabad  
Path up to Bhagalpur Border (VRSO) Kalwalia Dhar  
Block - Kursela, Dist - Katihar

Provisional Technical sanctioned for ₹ 57,93,305.00  
(Rupees Fifty Seven lac Ninety three thousand  
Three hundred five only)

  
08/03/22  
E.O.

  
8/3/22

  
अधीक्षण अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल, पूर्णिया

**NAME OF WORK:-**

Total Length :-

**Restoration work of breached road at Site of H.L Bridge NH-31 to** *Armed*

0.150 KM

Restoration Length :- 0.077 Km

*Path upto Bhagelpur Border (VRSO) Kalwalin Dhar*

Sl. No. ITEM OF WORKS

Nos Length Breadth Height QTY UNIT

**1 Providing and Laying of Brick**

**Bats:** Placing tractor at loading point loading with front end loader dumpong, turning for return trip exluding time for haulage and return tirp

$$1 \times 24.000 \times \left( \frac{4.600 + 11.600}{2} \right) \times \left( \frac{3.500 + 2.600}{2} \right) = 592.92 \text{ Cum}$$

$$1 \times 24.000 \times \left( \frac{4.600 + 15.500}{2} \right) \times \left( \frac{4.000 + 7.200}{2} \right) = 1,350.72 \text{ Cum}$$

$$1 \times 23.000 \times \left( \frac{4.600 + 11.200}{2} \right) \times \left( \frac{3.600 + 2.400}{2} \right) = 545.10 \text{ Cum}$$

$$1 \times 5.500 \times \left( \frac{2.100 + 1.900}{2} \right) \times \left( \frac{0.450 + 1.200}{2} \right) = 9.08 \text{ Cum}$$

= 2,497.82 Cum

**Total Quantity**

**2 Providing, cutting and fixing of 62 mm to 75 mm dia bamboo piles in size with making shoes and driving etc. complete job as per specification and direction E/L.**

Vertical	2 x	138.000	Nos	x	6.000 m	=	1,656.00 m
Cross	2 x	68.000	Nos	x	6.000 m	=	816.00 m
	2 x	68.000	Nos	x	6.000 m	=	816.00 m

= 3,288.00 m

**Total Quantity**

**3 Supply Labour for fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every verticle pile with 150 mm long nails or 38 swg G. I. wire including cost of G.I. or nails complete job as per specification and direction**

For piled bamboo	2 x	8.000	Nos	x	48.000 m	=	768.00 m
Below Chachari	1 x	8.000	Nos	x	48.000 m	=	384.00 m
Side & Hand Rail	2 x	4.000	Nos	x	48.000 m	=	384.00 m

= 1,536.00 m

**Total Quantity**


*16/11/2021*

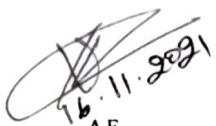
*16.11.2021*  
*A.E.*


Sl. No.	ITEM OF WORKS	Nos	Length	Breadth	Height	QTY	UNIT
4	Labour for fitting and fixing split bamboo woven chachari in position with 20 swg G.I. wire or 75 mm to 100 mm long nails alternatively including cost of G. I. wire or nails complete job as per specification and direction of E/I.						

R/S 1 x 42.000 m x 3.400 m = 142.80 Sqm

Total Quantity = 142.80 Sqm

  
J.E. 14/11/2021

  
16.11.2021  
A.E.  
RWD, Sub-Division, Kursela

  
Executive Engineer  
RWD. (W) Div. Katihar.

Seigniorage Fee								
No.	Discription of Item	Unit	Qty	Factor	Nett Qty	S. fee		
						Basic Rate	10% of Basic Rate	Amount
1	<b>Providing and Laying of Brick Bats:</b> Placing tractor at loading point loading with front end loader dumping, turning for return trip exluding time for haulage and return tirp	Cum	2,497.82	1.00	2,497.82	1,020.00	102.00	2,54,778.00
2	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	Cum			-			-
	i) Granular material (Natural occuring, soil gravel mixture / quarry waste, kankar, laterite, dhandla	Cum	-	1.00	-	163.53	16.35	-
	ii) 2.36 mm below @ 40 per cent (Local sand)	Cum	-	0.20	-	141.85	14.19	-
3	Labour for filling empty cement bags with local sand, sitching the bags and placing including supply of sutli etc. all complete as per approved design, specificalton and direction E/I.	Nos		1.00	-	7.82	0.78	-
	<b>Total</b>							<b>2,54,778.00</b>

16/11/2021  
JE

16.11.2021  
A.E.

16/11/2021



# FINAL RATE (Katihar)

Sl. No.	Discription of Item	Unit	Final Rate
1	<b>Providing and Laying of Brick Bats:</b> Placing tractor at loading point loading with front end loader dumping, turning for return trip exluding time for haulage and return tirp	Cum	1,867.70
2	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	Cum	3,798.19
3	Labour for filling empty cement bags with local sand, sitching the bags and placing including supply of sutti etc. All complete as per approved design, specificaion and direction E/I.	Nos	33.39
4	Labour for cutting 62 mm to 75 mm dia bamboo piles in size and making shoes and driving etc. complete bob as per specification and direction E/I.	Rm	49.30
5	Labour for fitting and and fixing split bamboo woven chachari in position with 20 swg G.I. wire of 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I.	Sqm	235.09
6	Supply Labour for fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every verticle pile with 150 mm long nails or 38 swg G. I. wire including cost of G.I. or nails complete job as per specification and direction	Rm	26.37
7	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design		
i)	1000 MM DIA (Single Row)	Rm	3,388.86
ii)	600 MM DIA (Single Row)	Rm	1,091.63

16/11/2021  
JE

16.11.2021  
A-E

Name of Road: ~~Local~~ NH-31 To Azmabad (Site of HL Bridge) path up to  
 Bhagalpur Boudh (VR50) Kalwalya Shas *AS*  
 Block: Kursela, Dist: Katihar



*AS*  
 16/11/2021  
 SE

*AS*  
 16/11/2021  
 A.E

*AS*  
 21/11/2021