

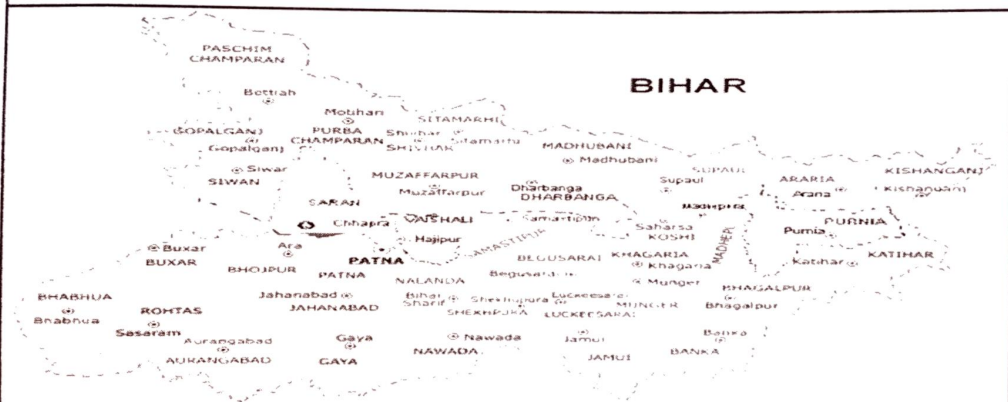


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

2021-22

DETAILED PROJECT REPORT FOR FDR



Name of the Road :- HARIHARPUR SE BIMARI

DISTRICT	:	BHOJPUR	
DIVISION	:	JAGDISHPUR	
BLOCK	:	SAHPUR	
TOTAL LENGTH OF ROAD	:	2.850	KM
DAMAGE ROAD LENGTH	:	0.083	KM
TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEWAL	:	2.678	Lakh
GST @ 12% OF TOTAL COST	:	0.321	Lakh
LABOUR CESS @ 1 % OF TOTAL COST	:	0.027	Lakh
CONTINGENCY CHARGE @1%	:	0.027	Lakh
TOTAL COST OF CONST. IN LACS =	:	3.053	Lakh
TOTAL COST OF PROJECT	:	3.053	Lakh



Submitted by :

Executive Engineer

RWD Division-Jagdishpur

District- Bhojpur

निरीक्षण प्रतिवेदन

अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, आरा का पत्रांक-~~69~~ दिनांक-05.08.2022 के द्वारा दिये गये निर्देश के अनुपालन में कार्य प्रमंडल, जगदीशपुर के अंतर्गता वर्ष 2021-22 के बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त निम्नलिखित पथों के Temporary Restoration वाले कार्य स्थलों का निरीक्षण किया गया एवं उन पथों को प्राक्कलन के अनुसार कार्य कराया गया एवं कार्य संतोषप्रद पाया गया।

Sl No.	Name of Road	Length (In K.M)	Damage Length (In K.M)	Block
1	Harihar to Bimari	2.850	0.083	Sahpur


कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल जगदीशपुर

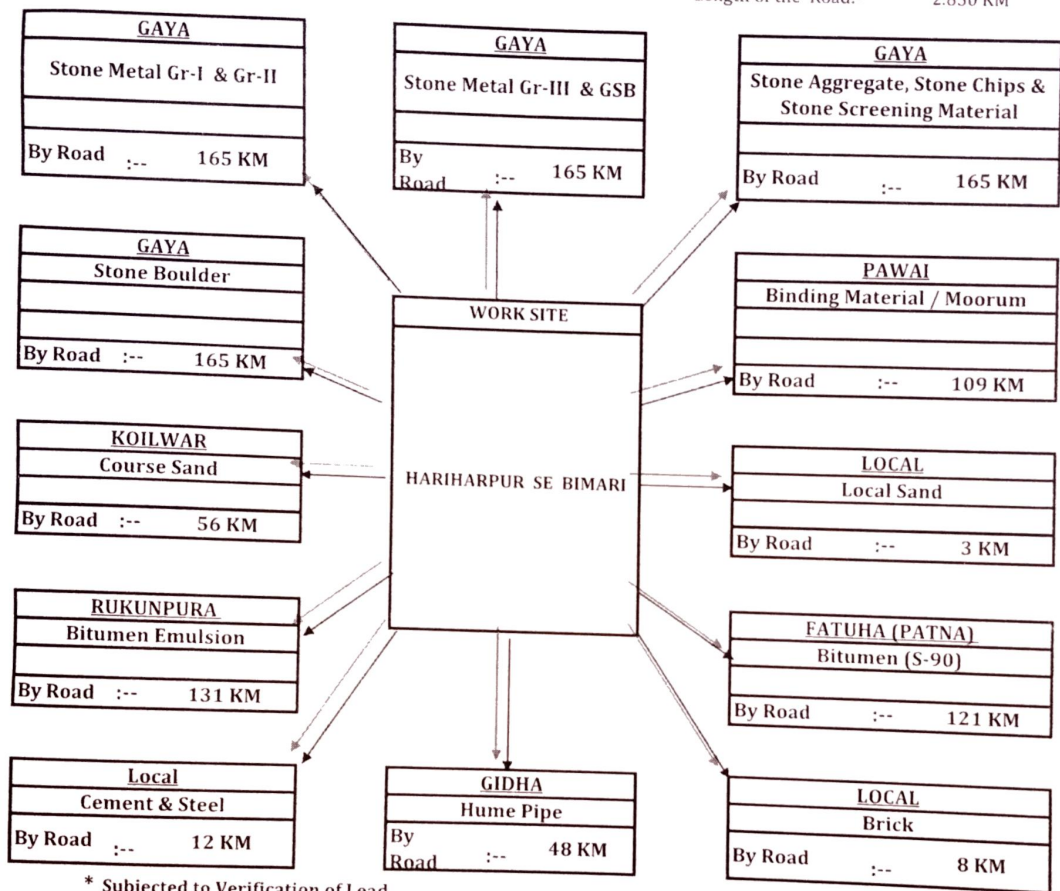

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल आरा

Figure -3

Quarry Map

Name of Road :- HARIHARPUR SE BIMARI
Block :- SAHPUR
District :- BHOJPUR

Length of the Road:- 2.850 KM



* Subjected to Verification of Lead

J.E.

A.E.

E.E.

FDR 2021-22

GENERAL ABSTRACT OF COST

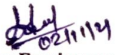
Block:-- SAHPUR

District:- BHOJPUR

Length of Road:-- 2.850 KM

Name of Road:-- HARIHARPUR SE BIMARI

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION	: 3.053 Lacs
	TOTAL (A+B+D)	: 3.053 Lacs


Junior Engineer

Asstt. Engineer


Executive Engineer

SE
RWD

GENERAL ABSTRACT OF COST

NAME OF ROAD : HARIHARPUR SE BIMARI

DISTRICT BHOJPUR
BLOCK SAHPUR
DIVISION JAGDISHPUR

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	BRICK BATS	1.815 2.678
	SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL	1.815 2.678
	ADD 12% GST ON RECTIFICATION COST	0.323 0.321
	ADD 1% LABOUR CESS ON RECTIFICATION COST	0.018 0.027
	CONTINGENCY CHARGE @1%	0.027
	TOTAL COST OF CONST. IN LACS	2.156 3.053
	TOTAL COST OF PROJECT IN LACS =	2.156 3.053

H. H.
JE
RWD

AE
RWD

H. H.
EE
RWD

Technically sanctioned amount 2.156 Lacs
(Rupees Two Lacs Fifteen
Thousand six hundred only)

amr
Superintending Engineer
Rural Works Department
Works Circle, ARA

H. H.
07/12/22

Name of the Road :- HARIHARPUR SE BIMARI

Length (Km) :- 2.850 Km

Sl. No.	SDB SL NO	MORD RefNo	Description	Unit	NOS	LENGTH	WIDTH	BLOCK		HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
								DISTRICT	SAHPUR				
1	6.1	604	Brick Bats Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	Cum	1	83.00	3.75	0.450 Avg.			140.06	1743.23	267844.00
Net Qty. Required													267844.00
TOTAL COST OF PAVEMENT IN RS. =													267844.00

181533.00
191533.00

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RWD

Block - SAMPUR
District- BHOJPUR

LENGTH OF ROAD (M) 2850

Carriage Cost & Lead in Km

Sl No	Item	Unit	Source	Pucka / Surface	Katcha	Loading & Unloading Cost	Carriage by Road	Carriage by Rail	Total	Lowest Rate
1	Stone Metal Gr-II/Via Road	Cum	GAYA (KARIARA)	8.00 4.59 x 11.24 x 165 Km = Rs 3232.42	8.00 4.59 x 27.20 x 0 Km = Rs 0.00	215.00	3447.42	0.00	3447.42	3447.42
2	Stone Metal Gr-III / GSB Via Road	Cum	GAYA (KARIARA)	8.00 4.99 x 11.24 x 165 Km = Rs 2973.31	8.00 4.99 x 27.20 x 0 Km = Rs 0.00	215.00	3188.31	0.00	3188.31	3188.31
3	Stone Aggregate / Chips Via Road	Cum	GAYA (KARIARA)	8.00 4.99 x 11.24 x 165 Km = Rs 2973.31	8.00 4.99 x 27.20 x 0 Km = Rs 0.00	215.00	3188.31	0.00	3188.31	3188.31
4	Stone Boulder /Via Road	Cum	GAYA (KARIARA)	8.00 4.00 x 11.24 x 165 Km = Rs 3709.20	8.00 4.00 x 27.20 x 0 Km = Rs 0.00	215.00	3924.20	0.00	3924.20	3924.20
5	Coarse Sand/Via Road	Cum	KOLLWAR	8.00 6.00 x 11.24 x 56 Km = Rs 839.25	8.00 6.00 x 27.20 x 0 Km = Rs 0.00	215.00	1054.25	0.00	1054.25	1054.25
6	Mooram/Via Road	Cum	PAWAI	8.00 6.00 x 11.24 x 109 Km = Rs 1633.55	8.00 6.00 x 27.20 x 0 Km = Rs 0.00	215.00	1848.55	0.00	1848.55	1848.55
7	Bitumen /Via Road	MT	FATUHA (PATNA)	8.00 8.00 x 11.24 x 121 Km = Rs 1360.04	8.00 8.00 x 27.20 x 0 Km = Rs 0.00	652.18	2012.22	0.00	2012.22	2012.22
8	Bitumen Emulsion /Via Road	MT	RUKINPURA (BAKITIYARPUR)	8.00 8.00 x 11.24 x 131 Km = Rs 1472.44	8.00 8.00 x 27.20 x 0 Km = Rs 0.00	652.18	2124.62	0.00	2124.62	2124.62
9	Local Sand	Cum	Local	8.00 4.99 x 11.24 x 3 Km = Rs 54.06	8.00 4.99 x 27.20 x 1 Km = Rs 43.61	215.00	312.67	0.00	312.67	312.70
10	Brick	1000 Nos	Local	8.00 2.00 x 11.24 x 7 Km = Rs 314.72	8.00 2.00 x 27.20 x 1 Km = Rs 108.80	813.02	1236.54	0.00	1236.54	1236.50
11	Cement	MT	Local	8.00 8.00 x 11.24 x 12 Km = Rs 134.88	8.00 8.00 x 27.20 x 0 Km = Rs 0.00	552.30	687.18	0.00	687.18	687.20
12	Steel	MT	Local	8.00 8.00 x 11.24 x 12 Km = Rs 134.88	8.00 8.00 x 27.20 x 0 Km = Rs 0.00	576.20	711.08	0.00	711.08	711.10
13	Hume Pipe (1000 mm)	M	GIDHA	10.00 8.00 x 11.24 x 48 Km = Rs 431.62	8.00 8.00 x 27.20 x 0 Km = Rs 0.00	118.50	550.12	0.00	550.12	550.10
14	Hume Pipe (600 mm)	M	GIDHA	25.00 8.00 x 11.24 x 48 Km = Rs 172.65	8.00 8.00 x 27.20 x 0 Km = Rs 0.00	50.78	223.43	0.00	223.43	223.40
15	Hume Pipe (300 mm)	M	GIDHA	60.00 8.00 x 11.24 x 48 Km = Rs 71.94	8.00 8.00 x 27.20 x 0 Km = Rs 0.00	50.78	122.72	0.00	122.72	122.70

* Subjected to Verification of Lead

Type of Road	Per Ton. Km by Tipper	Per Ton. Km by Truck /Tipper
For Surface Road	11.24	14.63
For Un Surface Road	13.52	17.60
For Kachha Road	27.20	35.41


Junior Engineer
R.W.D.

Asstt. Engineer
R.W.D.


Executive Engineer
R.W.D.

Analysis of Rates (FORMAT F8)

SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
8.1.3.2 (iii)		Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75mm thick including cost of light barriers, dangersignals, chowkidar ,taxes ,royalty etc. all complete job as per specification anddirection of E/I including carriage cost of bricks.				
		Unit = Cum Assuming -2.832 cum				
a		Cost Of Brick Bat				
b		Labour (Unskilled)				
		i) Carrying, spreading, laying & Packing	cum	2.832	296.00 1930.00	2916.96
		ii) Compaction brick bats with C.I. Hammer.	no	1.5	318	
c		Overheads @10% on (a+b)	no	0.67	318.00	477.00
d		Contractor's profit @ 10% on (a+b+c)			318.00 318	213.06
		Cost for 2.832 cum = a+b+c+d				360.70
						396.77
						4364.49
e		Rate Per cum=(a+b+c+d)/2.832	cum			
		CARRIAGE				
		Carriage for Brick (1 cum Bats = 300 nos Bricks)			781.14	1541.13
		Rate per cum with carriage	no	0.300	1236.50	370.95
		Rate per cum =				1912.08
						1912.08

1749.29

ROAD NAME – HARIHARPUR TO BIMARI

1.	 Latitude: 25.613743 Longitude: 84.439247 Altitude: 44.81±7 m Accuracy: 3.9 m Time: 10-31-2021 09:49 Note: hariharpur to bemari	
2.	 Latitude: 25.613835 Longitude: 84.439169 Elevation: 105.91±11 m Accuracy: 3.9 m Time: 10-31-2021 16:35 Note: hariharpur to bemari	
3.	 Latitude: 25.613794 Longitude: 84.439108 Elevation: 106.15±16 m Accuracy: 9.7 m Time: 10-31-2021 16:33 Note: hariharpur to bemari	

ddt
02/11/21

11/09/11/21

ROAD NAME – HARIHARPUR TO BIMARI

4.	 Latitude: 25.613832 Longitude: 84.439305 Elevation: 110.78+108 m Accuracy: 3.9 m Time: 10-31-2021 16:32 Note: hariharpur to bemari
5.	 Time: 10-31-2021 08:42 Note: hariharpur to bemari
6.	 Latitude: 25.613803 Longitude: 84.439147 Elevation: 107.5+10 m Accuracy: 13.8 m Time: 10-31-2021 16:35 Note: hariharpur to bemari

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02/11/21

02/11/21

ROAD NAME – HARIHARPUR TO BIMARI

7.



8.



9.



02/11/21

02/11/21