

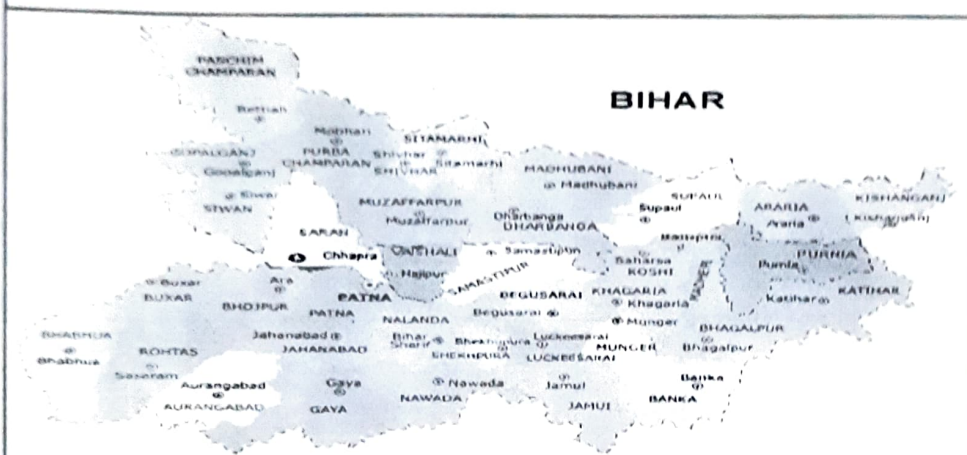


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

2021-22

DETAILED PROJECT REPORT FOR FDR



Name of the Road :- REPAIR OF ROAD FROM MILKI PWD ROAD SE BHIMPATTI SH

DISTRICT	:	BHOJPUR	
DIVISION	:	JAGDISHPUR	
BLOCK	:	SAHPUR	
TOTAL LENGTH OF ROAD	:	1.100	KM
TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEWAL	:	3.816	Lakh
GST @ 12% OF TOTAL COST	:	0.458	Lakh
LABOUR CESS @ 1 % OF TOTAL COST	:	0.038	Lakh
TOTAL COST OF CONST. IN LACS =	:	4.312	Lakh
TOTAL COST OF PROJECT	:	4.312	Lakh



Submitted by :

Executive Engineer

RWD Division-Jagdishpur

District- Bhojpur

योजना का नाम - मिल्की PWD पथ (मिल्की) से भीमपट्टी पथ का परमोटरेबुल कार्य का प्राक्कलन वर्ष 2021- 22

मद - FDR प्रखण्ड - शाहपुर

कुल लम्बाई - 1.7 कि०मी०

प्राक्कलित राशी - 4.312 लाख

प्रतिवेदन

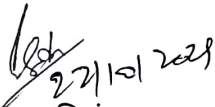
प्रस्तुत प्राक्कलन जिसकी अनुमानित लागत मात्र 4.312 लाख है, उपरोक्त कार्य हेतु तैयार किया गया है।

यह पथ शाहपुर -करनामेपुर PWD मिल्की से प्रारम्भ होकर भीमपट्टी तक जाती है पंच वर्षीय अनुरक्षण से बाहर है ! बाढ़ प्राभावित होने के कारण पथांश भाग बुरी तरह क्षतिग्रस्त हो गया है था यातायात को चालू रखने हेतु गढ़े को भरने के लिए ईंट के टुकड़े का प्रावधान किया गया है ! वर्तमान पथ मोटरेबुल है।

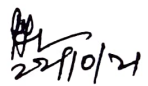
प्राक्कलन में प्रयुक्त दर वर्तमान अनुसूचित दर के अनुकूल हैं। कार्य हित में प्रशासनिक एवं तकनीकी स्वीकृति अपेक्षित है। *प्राक्कलन की छटगैर स्वीकृति अपेक्षित है।*

कनीय अभियंता

शाहपुर


सहायक अभियंता

कार्य अभि०शाहपुर


कार्यपालक अभियंता

कार्य प्रमण्डल जगदीशपुर

Flood Damaged Road List

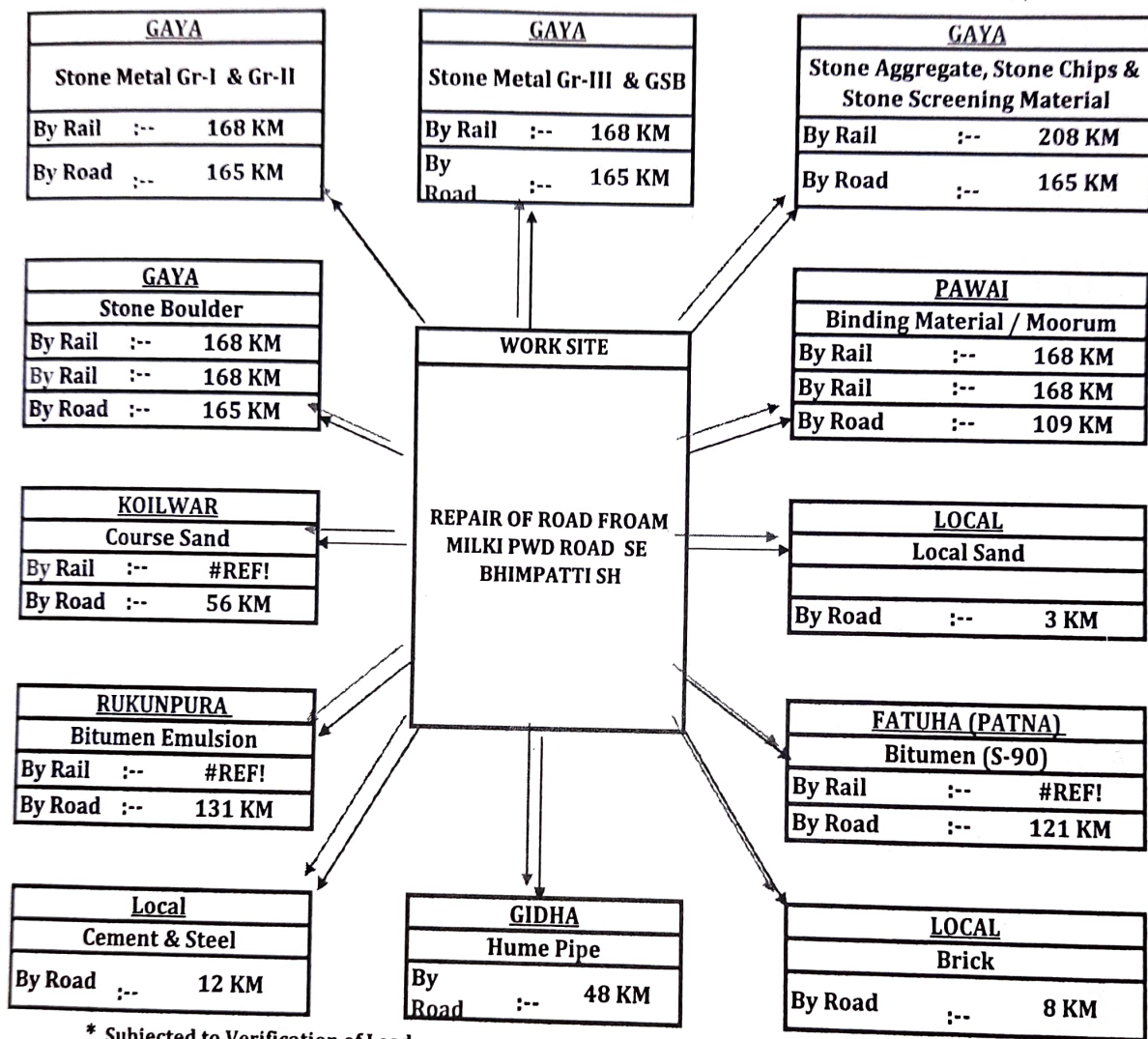
Sl. No.	Name of Division	Name of Block	Name of Road	Damage Location and Size	Damage Length (km)	Tentative Restoration Amount/(In Lac)	Status of Restoration			Traffic Status	Remarks
							Work Completed	Work In Progress	Work Yet To Be Started		
1	Jagdishpur	Shahpur	Kadam ka dera to Kariman ka dera	at Ch 0.900 to 2.100 km, (1.200 km)	1.200	18.000	Work Completed	---	---	Partially Smooth	FDR
2	Jagdishpur	Shahpur	PWD road Ishwarपुर to Laludera	at Ch 0.530 to 0.640 km, (0.110 km)	0.110	1.650	Work Completed	---	---	Partially Smooth	FDR
3	Jagdishpur	Shahpur	Bharaulipal to Holi Chapra Prathamik Vidyalay via Suhya Sonki	at Ch 0.000 to 2.100 km, (0.110 km)	0.110	1.650	Work Completed	---	---	Traffic Smooth	FDR
4	Jagdishpur	Shahpur	Hariharpur to Chamarpur	at Ch 0.300 to 3.200 km, (2.900 km)	2.900	43.500	Work Completed	---	---	Traffic Smooth	FDR
9	Jagdishpur	Shahpur	MMGSY Road se Sidhu Ke Dera	at Ch 0.000 to 0.644 km, (0.644 km)	0.644	9.660	---	Work in Progress	---	Partially Smooth	MMGSY (Gen)
10	Jagdishpur	Shahpur	PWD Road to Kali Mandir	at Ch 0.000 to 0.790 km, (0.790 km)	0.790	11.850	Work Completed	---	---	Traffic Smooth	MMGSY (Gen)
11	Jagdishpur	Shahpur	MMGSY road to Khadeshwar Baba Ka Sthan	at Ch 0.000 to 0.570 km, (0.570 km)	0.570	8.550	Work Completed	---	---	Traffic Smooth	MMGSY (Gen)
12	Jagdishpur	Shahpur	Ramkarhi ke Dera to Saya Dera	at Ch 0.030 to 0.900 km, (0.870 km)	0.870	13.050	Work Completed	---	---	Traffic Smooth	MMGSY (Gen)
19	Jagdishpur	Shahpur	Ram Karahi dera to Ram Dayal Thakur ka Dera	at Ch 0.110 to 3.000 km, (2.890 km)	2.890	43.350	Work Completed	---	---	Traffic Smooth	MMGSY (SC)
20	Jagdishpur	Shahpur	Bharauli Maharaja Road To Dumaria Dalit Tola	at Ch 0.000 to 0.950 km, (0.950 km)	0.950	14.250	Work Completed	---	---	Traffic Smooth	MMGSY (SC)
22	Jagdishpur	Bihari	Bihari Kateya Road to Bihari Gram Mushhar Toli via Bhojchak	at Ch 0.600 to 0.800 km, Ch 1.200 to 1.350 km, (0.350 km)	0.350	5.250	Work Completed	---	---	Traffic Smooth	MMGSY (SC)
26	Jagdishpur	Shahpur	Banshipur to Bhimpatti	at Ch 0.000 to 1.700 km, (1.700 km)	1.700	25.500	Work Completed	---	---	Traffic Smooth	MIR (3054)
27	Jagdishpur	Shahpur	Repair of road from milki pwd road to Bhimpatti sh	at Ch 0.000 to 1.700 km, (1.700 km)	1.700	25.500	Work Completed	---	---	Traffic Smooth	MIR (3054)
29	Jagdishpur	Bihari	Shahpur Banahi Chakrathi More Hote Hue Hetampur	at Ch 1.600 to 1.800 km, Ch 2.200 to 2.400 km, (0.400 km)	0.400	6.000	Work Completed	---	---	Traffic Smooth	MIR (3054)
30	Jagdishpur	Bihari	NH-84 Ranisagar se PWD More Bharauli	at Ch 1.250 to 1.750 km, Ch 2.100 to 2.500 km, Ch 3.150 to 3.750 km, (1.500 km)	1.500	22.500	Work Completed	---	---	Traffic Smooth	MIR (3054)

Figure -3

Quarry Map

Name of Road :-- REPAIR OF ROAD FROM MILKI PWD ROAD SE BHIMPATTI SH
 Block :-- SAHPUR
 District :-- BHOJPUR

Length of the Road:- 1.00 KM



* Subjected to Verification of Lead

J.E

A.E.

E.E

S.E.

FDR 2021-22

GENERAL ABSTRACT OF COST

Block:-- **SAHPUR**

District:-- **BHOJPUR**

Length of Road:-- **1.100 KM**

Name of Road:-- **REPAIR OF ROAD FROM MILKI PWD ROAD SE BHIMPATTI SH**

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION :	3,981 / ²⁰¹⁹ 4,312 Lacs
	TOTAL :	4,312 Lacs 3,981 / ²⁰²¹

Junior Engineer

Asstt. Engineer

Executive Engineer

गुहमन के प्रमुख एमपल
कार्य धाम जय
C/S
24/11/2021
कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल-दुमराव

Residential in construction of add. 945000
RWD
& Refractory
Sectioned 3,981 /²⁰¹⁹ (Rupees)
Three /²⁰¹⁹ Eight Thousand
One hundred /²⁰¹⁹

22/11/21
17/12

GENERAL ABSTRACT OF COST

NAME OF ROAD :

REPAIR OF ROAD FROM MILKI PWD ROAD SE BHIMPATTI SH

DISTRICT
BLOCK
DIVISION

BHOJPUR
SAHPUR
JAGDISHPUR

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	BRICK BATS	3.523 3.816
	SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL	3.523 3.816
	ADD 12% GST ON RECTIFICATION COST	0.423 0.458
	ADD 1% LABOUR CESS ON RECTIFICATION COST	0.035 0.038
	TOTAL COST OF CONST. IN LACS	3.981 4.312
	TOTAL COST OF PROJECT IN LACS =	3.981 4.312

JE
RWD


22/10/2028
AE
RWD


22/10/24
EE
RWD

Length (Km) :- 1.100 Km		DISTRICT		BHOJPUR		AMOUNT (In Rs.)		
Sl. No.	SDB SL.NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	
						HEIGHT	QUANTITY	
							RATE	
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.								
				Net Qty. Required	Cum	203.38	1732.35	352325
						203.38	1876.39	383524.00
								381524.00
								TOTAL COST OF PAVEMENT IN RS. =

[illegible]

JE
RWD

AE
RWD

2/10/2

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POT MEASUREMENT

CH	No.	L	B	T	Area	Remarks
0-200	1	14.10	0.70	0.250	2.47	
Shoulder	1	10.50	1.00	0.250	2.03	
Shoulder	1	3.10	1.45	0.200	0.90	
Shoulder	1	1.10	1.10	0.225	0.27	
	1	7.1	3.75	0.25	6.66	
Shoulder	1	7.10	0.32	0.250	0.57	
	1	14.00	3.75	0.250	13.13	
Shoulder	1	14.00	0.30	0.250	1.05	
	1	1.25	1.20	0.225	0.34	
	1	5.50	1.10	0.250	1.51	
	1	32.00	3.80	0.250	30.40	
	1	7.10	1.35	0.165	1.58	
	1	3.70	3.75	0.250	3.47	
	2	8.00	3.75	0.225	13.50	
	1	11.00	2.80	0.250	7.70	
	2	0.95	0.45	0.150	0.13	
	1	3.80	3.75	0.200	2.85	
200-400	1	7.10	3.50	0.225	5.59	
	1	2.75	3.75	0.250	2.58	
	1	7.25	3.75	0.200	5.44	
Shoulder	1	17.25	0.70	0.250	3.02	
	1	7.35	3.75	0.250	6.89	
	1	4.10	2.50	0.200	2.05	
Shoulder	1	13.20	1.00	0.150	1.98	
	1	4.35	3.75	0.200	3.26	
	1	8.10	3.75	0.250	7.59	
	1	3.35	1.10	0.225	0.83	
	1	6.40	3.10	0.250	4.96	
	1	3.10	2.75	0.250	2.13	
	1	3.00	3.75	0.225	2.53	
	1	3.85	3.75	0.200	2.89	
	1	3.00	2.50	0.225	1.69	
400-600	1	6.50	1.25	0.225	1.83	
	3	3.25	3.75	0.250	9.14	
	1	2.50	3.75	0.250	2.34	
	1	5.30	3.75	0.225	4.47	
	2	3.80	3.75	0.250	7.13	
Shoulder	2	3.80	0.30	0.150	0.34	
	3	3.20	3.65	0.200	7.01	
	1	3.10	3.20	0.175	1.74	
	1	2.60	2.50	0.150	0.98	
	1	5.20	1.20	0.150	0.94	
600-1100	1	5.35	1.50	0.200	1.61	
	1	7.21	1.65	0.225	2.68	
	1	1.80	3.75	0.325	2.19	
Shoulder	1	16.00	0.70	0.350	3.92	
	1	14.10	3.75	0.225	11.90	
	1	11.00	0.95	0.250	2.61	

Total Area of Brick Bats

203.38

22/11/2021
AR

22/10/21

Sl No	Item	Unit	Source	Carriage Cost & Lead In Km			Loading & Unloading Cost	Carriage by Road	Total	Lowest Price
				Pucka / Surface	Katcha					
1	Stone Metal Gr-II/Via Road	Cum	GAYA (KARJARA)	8.00 4.59 x 9.70 x 165 Km = Rs 2789.54	8.00 4.59 x 23.47 x 0 Km = Rs 0.00		202.00	2991.54	2991.54	2991.54
2	Stone Metal Gr-III / GSB Via Road	Cum	GAYA (KARJARA)	8.00 4.99 x 9.70 x 165 Km = Rs 2565.93	8.00 4.99 x 23.47 x 0 Km = Rs 0.00		202.00	2767.93	2767.93	2767.93
3	Stone Aggregate / Chips Via Road	Cum	GAYA (KARJARA)	8.00 4.99 x 9.70 x 165 Km = Rs 2565.93	8.00 4.99 x 23.47 x 0 Km = Rs 0.00		202.00	2767.93	2767.93	2767.93
4	Stone Boulder /Via Road	Cum	GAYA (KARJARA)	8.00 4.00 x 9.70 x 165 Km = Rs 3201.00	8.00 4.00 x 23.47 x 0 Km = Rs 0.00		202.00	3403.00	3403.00	3403.00
5	Coarse Sand/Via Road	Cum	KOILWAR	8.00 6.00 x 9.70 x 56 Km = Rs 724.27	8.00 6.00 x 23.47 x 0 Km = Rs 0.00		202.00	926.27	926.27	926.27
6	Mooram/Via Road	Cum	PAWAI	8.00 6.00 x 9.70 x 109 Km = Rs 1409.73	8.00 6.00 x 23.47 x 0 Km = Rs 0.00		202.00	1611.73	1611.73	1611.73
7	Bitumen /Via Road	MT	FATUHA (PATNA)	8.00 8.00 x 9.70 x 121 Km = Rs 1173.70	8.00 8.00 x 23.47 x 0 Km = Rs 0.00		465.86	1639.56	1639.56	1639.56
8	Bitumen Emulsion /Via Road	MT	RUKUNPURA (BAKHTIYARPUR)	8.00 8.00 x 9.70 x 131 Km = Rs 1270.70	8.00 8.00 x 23.47 x 0 Km = Rs 0.00		465.86	1736.56	1736.56	1736.56
9	Local Sand	Cum	Local	8.00 4.99 x 9.70 x 3 Km = Rs 46.65	8.00 4.99 x 23.47 x 1 Km = Rs 37.63		202.00	286.28	286.28	286.30
10	Brick	1000 Nos	Local	8.00 2.00 x 9.70 x 8 Km = Rs 310.40	8.00 2.00 x 23.47 x 1 Km = Rs 93.88		568.86	973.14	973.14	973.10
11	Cement	MT	Local	8.00 8.00 x 9.70 x 12 Km = Rs 116.40	8.00 8.00 x 23.47 x 0 Km = Rs 0.00		402.08	518.48	518.48	518.50
12	Steel	MT	Local	8.00 8.00 x 9.70 x 12 Km = Rs 116.40	8.00 8.00 x 23.47 x 0 Km = Rs 0.00		425.08	541.48	541.48	541.50
13	Hume Pipe (1000 mm)	M	GIDHA	8.00 10.00 x 9.70 x 48 Km = Rs 372.48	8.00 10.00 x 23.47 x 0 Km = Rs 0.00		117.48	489.96	489.96	490.00
14	Hume Pipe (600 mm)	M	GIDHA	8.00 25.00 x 9.70 x 48 Km = Rs 148.99	8.00 25.00 x 23.47 x 0 Km = Rs 0.00		50.35	199.34	199.34	199.30
15	Hume Pipe (300 mm)	M	GIDHA	8.00 60.00 x 9.70 x 48 Km = Rs 62.08	8.00 60.00 x 23.47 x 0 Km = Rs 0.00		50.35	112.43	112.43	112.40

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tipper	Per Ton. Km by Truck /Tipper
For Surface Road	9.70	9.70
For Un Surface Road	11.66	11.66
For Kachha Road	23.47	23.47

* Subjected to Verification of Lead

Junior Engineer
R.W.D.

Asstt. Engineer
R.W.D.

Executive Engineer
R.W.D.

22/10/24

22/10/2024