

BK



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

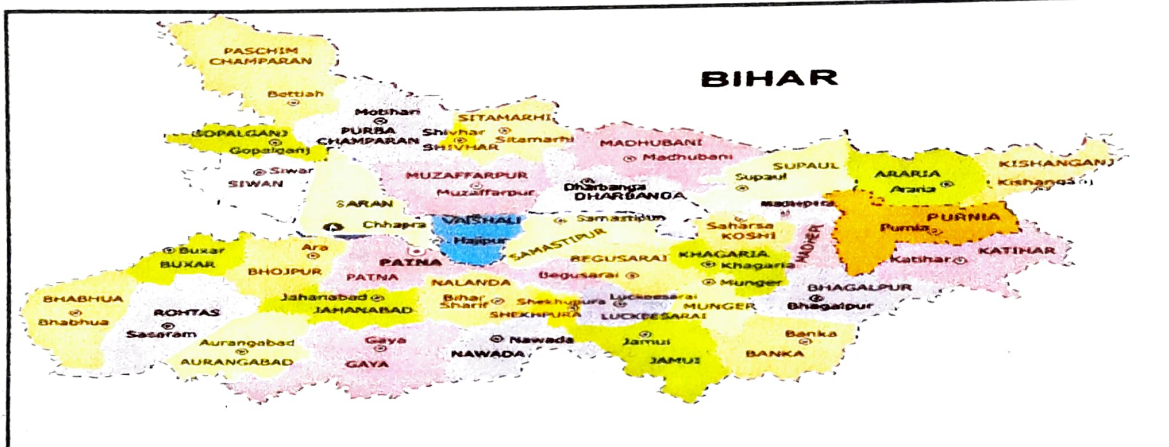
BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar



EMERGENT REPAIR OF ROAD FROM NH 30 DIDAR GANJ TO KOTHIYA



Name of the Road :-

EMERGENT REPAIR OF ROAD FROM NH 30 DIDAR GANJ TO KOTHIYA

DISTRICT	:	Patna	
DIVISION	:	Patna	
BLOCK	:	Patna Sadar	
Total Damaged Length Of Road	:	1.2	km
TOTAL COST OF CONSTRUCTION	:	46.368	Lacs
TOTAL COST OF PROJECT	:	46.368	Lacs

Executive Engineer
Rural Works Division,
Patna

Date :- 22-11-2021

1. Name of PIUs :- E.E. R.W.D(W), Division- Patna.

2. Name of Block / Road :- Patna Sadar / Emergent Repair of Road from NH-30 Didarganj to Kithiya.

A. For Road Due to Flood

1. Damage Location / Chainage :- In whole length where ever required.

2. Damage Length :- 1.20 km

3. Nature of Damage :- Road crust Damage

i. Material being used in Restoration works :- Bricks Bats

ii. Equipments / Tools being used in Restoration works : Tractor, Roller, JCB etc.

iii. Procedure taken up in Restoration works : By Filling Bricks Bats material

iv. Restored Length : 1.20 km

B. For Road ~~Road~~ Bridge

1. Damage Location / Chainage :-

2. Damage Length :-

3. Nature of Damage :-

4. Details of Restoration Works :-


i. Material being used in Restoration works :- Bricks Bats

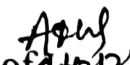
ii. Equipments / Tools being used in Restoration works : Tractor, Roller, JCB etc.

iii. Procedure taken up in Restoration works : By Filling Bricks Bats material

iv. Restored Length : 1.20 km

Work is Satisfactory.


06/12/2021
AE


Name of Inspector
Executive Engineer
R.W.D. Works Division, Masaurhi

प्रतिवेदन

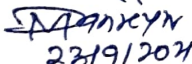
कार्य का नाम : एन०एच०- 30 दीदारगंज से कोठिया तक पथ की
आपातकालीन मरम्मत ।


पथ की लम्बाई : 1.2 कि० मी०


प्राक्कलित राशि : रू० 46.368 लाख

मद : एफ० डी० आर०

प्रस्तुत प्राक्कलन पटना सदर प्रखण्ड अंतर्गत एन०एच०- 30 दीदारगंज से कोठिया तक पथ की आपातकालीन मरम्मत हेतु एकरारनामित दर पर रू० 46.368 लाख (छियालीस लाख छत्तीस हजार आठ सौ रूपये) मात्र का तैयार किया गया है । विगत पिछले माह में बाढ़ एवं अतिवृष्टि के कारण पथ में बड़े-बड़े गड्ढे बन गये हैं । विभागीय निर्देशानुसार पथ को यातायात योग्य बनाना है, जिसके लिए पहले से ही संवेदक चयनित है । पथ के क्षतिग्रस्त पथांश में ब्रीक्स वैट भर दिया गया है एवं 600 मी०मी० व्यास में 3 अदद **NP3** पाईप बिछा दिया गया है । वर्तमान में आवागमन चालू है । अतः कार्यहित में प्राक्कलन की स्वीकृति अति आवश्यक है ।


23/09/24
कनीय अभियंता
पटना सदर


23/09/24
सहायक अभियंता
पटना सदर


11/12/24
कार्यपालक अभियंता
(ग्रामीण कार्य विभाग)
कार्य प्रमंडल, पटना

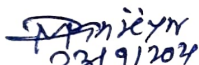
SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : EMERGENT REPAIR OF ROAD FROM NH 30 DIDAR
GANJ TO KOTHIYA

DISTRICT PATNA
BLOCK Patna Sadar
DIVISION Patna

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Total Cost of Brick Bat Laying	4705950 58 4636810.29
	TOTAL COST OF PROJECT IN LACS =	46.368

47.060


23/9/2024
JE
RWD


23/9/21
AE
RWD


11/12/24
EE
RWD

Technically sanctioned for Rs. 47.0604 (Rupees Fourty
Seven lakh and Six thousand only)
including five year Maintenance Cost

Certified copy
Anurag
18/12/2021

Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA


तकनीकी सलाहकार Superintending Engineer
ग्रामीण कार्य विभाग R.W.D. WORKS CIRCLE, PATNA
कार्य अंचल, पटना

RURAL WORKS DEPARTMENT

(Govt. of Bihar)

EMERGENT REPAIR OF ROAD FROM NH 30 DIDAR GANJ TO KOTHIYA

PATNA SADAR

LENGTH

1.2 KM

PATNA

CIRCLE(RWD)-PATNA

SDB SL. NO	MORD Ref.No	Item Description	Unit	No.	No.	Heigh t	Quantity	Rate	Amount (in Rs.)
		Supplying Brick bats with carriage at site including labour cess , GST and seignorance fee (excluding over head and CP)	cum				2601.79 2493.72	1541.00	4013951.11 3842822.52
		Supplying unskilled labour for Brick bats and laying 600 mm dia for spreading and levelling brick bats including labour cess & GST (excluding over head and CP)	No.				2643.34 2301.19	298.00	635698.10 787716.27
		Providing and laying 600 mm dia NP3Hp etc.	M				7.50	836.20	6271.50

TOTAL= 4636810.29

~~4705950.57~~

= 47.060

Signature
28/9/2021

JE(RWD)

Signature
23/09/21
A E (RWD)

Signature
11/12/21
E E(RWD)
WORK DIVISION
PATNA

EMERGENT REPAIR OF ROAD FROM NH 30 DIDAR GANJ TO KOTHIYA

NAME OF ROAD-

seigniorance

Material	unit	QTY	Basic Rate	Amounts	Seig. 10%
Brick Bats	cum	2493.72	1062.00	2648330.64	264833.06
				TOTAL =	264833.06
				TOTAL (In Lakh)=	2.648

2.766

27/9/24
JE

27/9/24
AE

11/11/24
EE

NAME OF ROAD: EMERGENT REPAIR OF ROAD FROM NH 30 DIDAR GANJ TO KOT HIYA.

BLOCK :-

PATNA SADAR

PATNA

POT MEASUREMENT

5.20	X	3.75	X	0.30	5.85 ✓
6.30	X	3.75	X	0.30	7.09 ✓
4.70	X	3.30	X	0.45	6.98 ✓
6.10	X	$(3.70+3.80)/2$	X	0.45	10.29 ✓
6.20	X	$(3.75+3.75)/2$	X	0.50	11.62 ✓
6.60	X	$(3.70+3.80)/2$	X	0.50	12.37 ✓
4.00	X	3.75	X	0.50	7.50 ✓
5.00	X	3.75	X	0.50	9.37 ✓
3.50	X	3.75	X	0.50	6.56 ✓
7.00	X	$(3.70+3.80)/2$	X	0.50	13.12 ✓
10.50	X	3.75	X	0.50	19.69 ✓
6.60	X	$(3.80+3.70)/2$	X	0.50	12.37 ✓
4.00	X	3.75	X	0.60	9.00 ✓
45.00	X	$(3.70+3.80)/2$	X	0.60	101.25 ✓
7.40	X	$(3.70+3.80)/2$	X	0.50	13.87 ✓
5.40	X	3.60	X	0.50	9.72 ✓
9.80	X	2.20	X	0.50	10.78 ✓
9.30	X	$(3.70+3.80)/2$	X	0.50	17.43 ✓
11.50	X	$(3.70+3.80)/2$	X	0.50	21.56 ✓
5.70	X	3.75	X	0.50	10.68 ✓
7.00	X	2.80	X	0.45	8.82 ✓
17.00	X	3.75	X	0.45	28.69 ✓
2.60	X	3.75	X	0.50	4.88 ✓
14.40	X	$(3.70+3.80)/2$	X	0.50	27.00 ✓
8.00	X	3.75	X	0.50	15.00 ✓
14.40	X	$(3.70+3.80)/2$	X	0.50	27.00 ✓
8.00	X	3.75	X	0.50	15.00 ✓
8.00	X	$(3.70+3.80)/2$	X	0.50	27.00 ✓
2.40	X	3.75	X	0.50	4.50 ✓
10.00	X	3.75	X	0.60	18.75 ✓
10.30	X	3.75	X	0.60	22.50 ✓
17.00	X	$(3.75+3.75)/2$	X	0.60	23.18 ✓
7.50	X	3.75	X	0.60	38.25 ✓
7.00	X	3.75	X	0.60	16.88 ✓
17.20	X	$(3.70+3.80)/2$	X	0.50	13.13 ✓
41.00	X	3.75	X	0.50	32.25 ✓
7.00	X	3.75	X	0.70	107.63 ✓
13.30	X	3.75	X	0.60	15.75 ✓
	X	3.75	X	0.60	29.93 ✓

9.50	X	2.50	X	0.60	14.25
4.00	X	3.75	X	0.45	6.75
12.00	X	(3.80+3.70)/2	X	0.30	13.50
7.00	X	3.75	X	0.50	13.12
12.00	X	3.80	X	0.70	31.92
27.00	X	3.75	X	0.70	70.88
7.70	X	3.75	X	0.70	20.21
8.00	X	3.75	X	0.60	18.00
7.00	X	3.75	X	0.60	15.70
12.60	X	(3.70+3.80)/2	X	0.70	33.07
10.30	X	3.75	X	0.60	23.18
13.00	X	3.75	X	0.70	34.13
9.80	X	(3.70+3.80)/2	X	0.60	22.05
30.00	X	3.75	X	0.60	67.50
9.00	X	4.00	X	0.50	18.00
20.00	X	3.75	X	0.50	37.50
43.50	X	3.75	X	0.60	97.88
30.50	X	3.75	X	0.60	68.63
18.00	X	3.75	X	0.55	37.13
11.00	X	3.75	X	0.50	20.63
30.00	X	3.75	X	0.50	56.25
22.00	X	3.75	X	0.63	34.13
22.00	X	3.75	X	0.60	49.50
48.00	X	3.75	X	0.55	99.00
30.00	X	3.75	X	0.60	67.50
53.00	X	3.75	X	0.60	119.25
19.00	X	3.75	X	0.75	53.44
31.00	X	3.75	X	0.70	81.38
33.00	X	4.00	X	0.70	92.40
15.00	X	(4.0+5.0)/2	X	1.10	82.50
15.00	X	(4.0+3.75)/2	X	0.90	50.63
74.00	X	3.75	X	0.50	138.75
24.00	X	3.75	X	0.50	45.00
24.00	X	3.75	X	0.30	27.00
25.00	X	3.75	X	0.45	42.18
17.00	X	(3.70+3.80)/2	X	0.45	28.68
9.00	X	7.50	X	0.40	27.00

2532.435
-2493.70 m3

After len mark

$$2532.435 \times 1.2 = 2170.659$$

$$2170.659 \times 1.20 = 2604.790$$

JE (RWD)

23/09/21
AE.

A

EE (RWD)

WORK DIVISION
patna