

GOVERNMENT OF BIHAR

UNDER FLOOD DAMAGE REPAIR

Estimate for Restoration of Traffic

DISTRICT : WEST CHAMPARAN **BLOCK :** NARKATIAGANJ

YEAR(2020-2021)

NAME OF ROAD : BARAI TOLA TO BHASURARI PETROL PUMP VIA SIKARPUR BAIRIA

TOTAL LENGTH

:

0.362

KMS

COST OF PAVEMENT (RS.)

:

1462769.60

TOTAL COST OF ROAD (RS.)

:

1462769.60

SUBMITTED BY

Executive Engineer RWD

Works Division, Narkatiaganj

TECHNICAL REPORT

Name of Road :- Barai Jala to Bhasuarani Petrol Pump via
Sikarpur Bariya.
Name of Block:- Narkatiyaganj
Name of Division:- Narkatiyaganj
Name of District:- West Champaran.
Estimated Cost:- 14.62769 Lacs
Restoration Length:- 0.362 Km

This Estimate is prepared for Restoration of Barai Jala to Bhasuarani
Petrol Pump via Sikarpur Bariya

.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,

ज्ञापांक:- मु0अ0 -4 (मु0) विविध (कार्य) 23 -40 /16-2254 पटना, दिनांक 30.06.2020. Road remains effected
from flooded about 01 to 02 weeks and heavy amount of water passed through it.

Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran
Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the
earliest so that public of this area may get connected and for the same Departmental instruction has also
been issued to fill the gap made by flooded immediately.

The area surrounding is submerged in water and hence provision of Earth work
and brick bats has been made to
maintain the road damage due to flood/heavy rainfall as per availability of material from available place by
tractor. Presently there is no Contractor is employed for Construction and Maintenance of this road hence
the work has been carried out Departmentally and due to this, provision of Contractor profit is not
mentioned in the estimate.

In view of above, it is requested to approve the estimate amounting to Rs. 14.62769 lacs please.

Submitted for Technical Approval please.

Kumar.
23/12/20
for Engineer,
Narkatiyaganj

ASD
23/12/2020
Assistant Engineer,
Narkatiyaganj

R
23/12/20
Executive Engineer
R.W.D.(W) Division, Narkatiyaganj

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....१९५...../ बगहा-2, दिनांक-.....२५/१२/२०२०/

प्रेषक:-

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बगहा-2।

सेवा में,

अधीक्षण अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अंचल, बेतिया।

विषय:-

वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल कराने हेतु किये गये कार्यों की जाँच के संबंध में।

प्रसंग:-

भवदीय पत्रांक-1312/बेतिया, दिनांक-26.08.2020।

महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, नरकटियागंज द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अधोहस्ताक्षरी द्वारा सहायक अभियन्ता श्री दिगम्बर झा एवम् श्री नन्द किशोर साह के साथ निरीक्षण किया गया। निरीक्षण के दौरान कार्य प्रमंडल, नरकटियागंज द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है।

सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु०:- निरीक्षण किये गये पथों की सूची।



(दिगम्बर झा)
सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

ज्ञापांक-.....१९५...../ बगहा-2, दिनांक-.....२५/१२/२०

प्रतिलिपि:- कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, नरकटियागंज को सूचनार्थ सम्प्रेषित।

(नन्द किशोर साह)
सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

विश्वासभाजन,



(आनन्द बिहारी झा)
कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2



कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

34	Sikta	Sikta to Bheriharwa	0.133	19,72,961.00
35	Sikta	Sikta to Surajpur	0.028	4,39,443.00
36	Sikta	Sikta to Chhapaniya	0.098	9,97,953.00
37	Sikta	Sikta to Ekdeyari	0.09	5,29,712.00
38	Sikta	Sikta to Khap tola	0.083	7,67,337.00
39	Sikta	Sikta to Sundergawan	0.109	6,60,731.00
40	Sikta	T03 to Dharampur	0.284	16,76,700.00
41	Sikta	Baishakhwa to Sargatiya	0.029	3,90,616.00
42	Sikta	Bishkhawa to Sikta	0.048	9,58,963.00
43	Sikta	Dhamaura to Narkatia	0.052	6,71,372.00
44	Gaunaha	Gaunaha Rly Station to Sithi	0.12	11,06,352.00
45	Gaunaha	Marjadi to Marjadpur	0.11	16,66,842.00
46	Gaunaha	Mehnaul kal to Hardi	0.13	14,33,177.00
47	Gaunaha	PWD Road to Dhamaura	0.045	2,89,055.00
48	Gaunaha	RWD Road to Harpur	0.095	9,21,546.00
49	Gaunaha	REO Road to Mahuawa Bhusha	0.07	13,11,852.00
50	Narkatiaganj	REO Road to Panchamwa	0.475	16,29,029.00
51	Narkatiaganj	Pokhariya to Somgadh	0.675	15,20,124.00
52	Narkatiaganj	Maniyari Bridge to Bridge	0.16	7,47,248.00
53	Narkatiaganj	Sisai to Rakhai	0.11	3,24,989.00
54	Narkatiaganj	T01 to Chintawanpur	0.35	13,45,653.00
55	Narkatiaganj	Satwariya to Manjhariya	0.378	15,92,386.00
56	Narkatiaganj	NKE PWD Road se Khap tola to Mahadalit Basti hote hue Dhaminaha Basti	0.212	6,36,513.00
57	Narkatiaganj	T01 to Senuriya Naya tola	0.06	6,21,851.00
58	Narkatiaganj	Siswa to Roari	0.08	7,55,945.00
59	Narkatiaganj	Dhobaha to Inarwa	0.44	16,27,769.00
60	Narkatiaganj	Barai tola to Bhashurari Petrol Pump via Sikarpur bairia	0.362	14,62,769.00
61	Narkatiaganj	PWD Road to Bazar tola	0.24	4,60,545.00
62	Narkatiaganj	Sathi to Dharampur	0.63	15,25,968.00
63	Narkatiaganj	Midraul PMGSY to Balua Path	0.85	6,36,832.00
64	Narkatiaganj	Binwaliya to Barwa	0.235	6,20,616.00
65	Narkatiaganj	Matiyariya PMGSY to Sherahwa	0.232	2,39,942.00
66	Narkatiaganj	Mathura to Belwaniya	0.302	7,34,549.00
67	Narkatiaganj	Marhiya to Banwaria	0.255	4,27,695.00
68	Narkatiaganj	L022 to Barwa Baruli	0.1	14,27,512.00
69	Narkatiaganj	Narkatiaganj Manjahriya to Manwa parsi Ekderwa	0.26	14,65,222.00
70	Narkatiaganj	Gopalpur to Fhulwariya	0.475	7,91,830.00

BARAI TOLA TO BHASURARI PETROL PUMP VIA

Block: **NARKATIAGANJ** Length: **362.000 m**
Cutting length **362 M**

Name of Road: **SIKARPUR BAIRIA**
District: **WEST CHAMPARAN**

S. No.	SOR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount
1	2.13. C	Removal of Hume pipe Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.	0	0.00		0	0.00			
2		Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry					0.00	M	381.23	0.00
3	3.3	(B) EARTHWORK Construction of Embankment with Material Obtained from Roadway cutting Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5 excluding C.P.					0.00	M	4744.43	0.00
		As per measurement					415.920	Cum.	25.32	10531.09

(Signature)
23/12/2020
J.E


S. No.	SOR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount
4	RCD	Placing Tractor at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip excluding C.P. including Carriage As per measurement					415.920	cum	450.77	187485.55
5	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge					610.55	cum	1703.77	1040238.98
6	RCD	Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge					0.00	cum	2106.67	0.00
7	RCD(12.9)	Laying filled sand bag ,stitching and placing etc.all complete as per specification and direction of Engineer Incharge	0				0.00	per bag	24.59	0.00
		Total Road work								1238255.62
		Say Rs. (Lac)								1238255.62
		Add GST @12%								148590.67
		Add Labour Cess @1%								12382.56
		Add Seignrage Fee@10% of basic material rate								63540.75
		Total Cost of work								1462769.60

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Technically approved for Amount ₹ 14,62,770.00 (Rupees)
Lacs Sixty two thousand seven hundred seventy Only.


27/11/22
Superintendent Engineer
Rural Works Department
Works Circle, Bettiah
Govt. of Bihar

Detailed Measurement(EARTHWORK)

No	L(m)	W(m) FLANK	D(m)	Qty(cum)
2	30	$(1.0+1.4)/2$	$(0.900+0.700+0.300)/3$	45.600
2	40	$(1.0+1.5)/2$	$(0.600+0.300)/2$	45.000
2	80	$(0.5+1.0)/2$	$(0.3+0.5)/2$	96.000
4	8	$(1.2+1.4)/2$	$(0.3+0.6)/2$	18.720
2	15	$(1.0+1.5)/2$	$(0.5+0.7)/2$	45.000
TOTAL	362			250.32

Detailed Measurement(BRICK BAT)

No	L(m)	W(m)	D(m)	Qty(cum)
1	40	$(3.5+3.75+4.0)/3$	$(1.0+1.25+1.5)/3$	187.500
2	30	$(2.0+3.0)/2$	$(0.600+0.300)/2$	67.500
4	8	$(1.5+2.0)/2$	$(0.2+0.4)/2$	16.800
2	14	$(2.0+3.0)/2$	$(0.5+0.6)/2$	38.500
TOTAL				310.30

RE DAMAGED(MEASUREMENT)

Detailed Measurement(EARTHWORK)

No	L(m)	W(m) FLANK	D(m)	Qty(cum)
2	30	$(1.0+1.4)/2$	$(0.900+0.700+0.300)/3$	45.600
2	40	$(1.0+1.5)/2$	$(0.600+0.300)/2$	45.000
1	50	$(0.5+1.0)/2$	$(0.3+0.5)/2$	30.000
2	15	$(1.0+1.5)/2$	$(0.5+0.7)/2$	45.000
TOTAL				165.60

Detailed Measurement(BRICK BAT)

No	L(m)	W(m)	D(m)	Qty(cum)
1	60	$(3.0+3.5+4.0)/3$	$(0.5+0.75+1.0)/3$	157.500
2	20	$(2.5+3.5)/2$	$(0.900+0.700+0.300)/3$	76.000
1	30	$(2.0+3.0)/2$	$(0.600+0.300)/2$	33.750
1	24	$(2.0+3.0)/2$	$(0.5+0.6)/2$	33.000
TOTAL				300.25

Prakash
23/12/2020
JE

Prakash
23/12/2020
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Prakash
23/12/2020
EE



R. S. S.
 23/12/2020
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R. S. S.
 23/12/2020
 A.F.