

GOVERNMENT OF BIHAR

UNDER FLOOD DAMAGE REPAIR

Estimate for Restoration of Traffic

DISTRICT :	WEST CHAMPARAN	BLOCK :	MAJHAULIA
YEAR(2020-2021)			
NAME OF ROAD :	Baghambarpur to Semraghat		
Total Length	:	0.331	KMS
Cost of Pavement (Rs.)	:	3809938	
Total Cost Of Road (Rs.)	:	3809938	
SUBMITTED BY			
Executive Engineer RWD			
Works Division, Bettiah			

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल बगहा -1।**

पत्रांक..... / दिनांक..... ।

प्रेषक,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा -1

सेवा में,

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल बेतिया

विषय:- वर्ष 2020 के बाद में क्षतिग्रस्त पथों को मोटरबुल कराने हेतु किये गये कार्यों की जांच के संबंध में ।

प्रसंग:- भवदीय का पत्रांक -1312/ बेतिया दिनांक - 26.08.2020 ।

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बेतिया द्वारा उपलब्ध कराये गए मोटरबुल पथों की सूची में अंकित पथों का निरीक्षण अद्योहस्ताक्षरी द्वारा सहायक अभियंता, श्री अजय कुमार एवं सहायक अभियंता, विरलाल जायसवाल के साथ किया गया । निरीक्षण के दौरान कार्य प्रमंडल, बेतिया द्वारा प्रतिवेदित सभी पथों पर यातायात चालू है । अग्रेतर कार्रवाई हेतु समर्पित किया जाता है ।

अनु०- निरीक्षण किये गये पथों की सूची संलग्न ।

(अजय कुमार)
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा -1

(विरलाल जायसवाल)
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा -1

विश्वासभाजन

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कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1

ज्ञापांक 2833 / बगहा-1 दिनांक 28/12/2020

प्रतिलिपि :- कार्यपालक अभियंता ग्रा० का० वि० कार्य प्रमंडल, बेतिया को सूचनार्थ प्रेषित ।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा -1

ROAD DETAILS OF FDR 2020

Works Div. bettiah

S.N.	Block	Name of Road	Road Length (KM)	Damage Length (KM)	Estimated Amount Remarks
1	Yogapatti	L056-BHAWANIPUR TO RAMNA	3.800	0.336	Motorable
2	Yogapatti	kawalpur to Dabelwa Madrasa (L065)	4.078	0.412	Motorable
3	Yogapatti	Nawalpur Chowk to Sirkahiya	9.500	0.734	Motorable
4	Yogapatti	BETTIAH NAWALPUR - KHARATIA NAWALPUR	12.560	0.340	Motorable
5	Yogapatti	BETTIAH NAWALPUR - Kewlapur	4.478	0.590	Motorable
6	Yogapatti	DUMARI - MANDATPUR	5.814	0.361	Motorable
7	Yogapatti	L091-Paltu Sah Ke Bagicha To Lakra (TRACK91)	2.755	0.305	Motorable
8	Yogapatti	L023 Dumari to Bakhi	1.200	0.225	Motorable
9	Yogapatti	L024 to Brahman Tolam tola	1.500	0.491	Motorable
10	Yogapatti	PMGSY Fatepur to Chamukha	1.315	0.528	Motorable
11	Yogapatti	L116-Gardardahiya to Hariharpur Tola (TRACK116)	2.250	0.210	Motorable
12	Yogapatti	Dhadhwa to Mushar toli	3.540	0.179	Motorable
13	Majhulia	Bin toli to nuniya tolai	2.580	0.321	Motorable
14	Majhulia	Sariswa PWD to Majhi tola	1.430	0.179	Motorable
15	Majhulia	PMGSY TO Dhankutwa	1.120	0.394	Motorable
16	Majhulia	PMGSY TO Dhankutwa	1.200	0.150	Motorable
17	Majhulia	Sariswa market to MR Road	1.815	0.135	Motorable
18	Majhulia	Bakulahat to Bankat	2.840	0.163	Motorable
19	Majhulia	Harpur to T01 to harpur Chowk	2.080	0.126	Motorable
20	Majhulia	Sariswa Dhodha to Turha toli	2.830	0.105	Motorable
21	Majhulia	harpur chowk to harpur primary school	2.550	0.130	Motorable
22	Majhulia	MNP Road Middle school to bada semra writ	10.220	0.218	Motorable
23	Majhulia	Mahanwa to Parsa	1.500	0.060	Motorable
24	Majhulia	L106 PMGSY to Bin Toli	6.500	0.340	Motorable
25	Majhulia	Pipra Ganauli to Lalgah Path	2.000	0.135	Motorable
26	Majhulia	Amwa Majhar to Farwa path	5.000	0.374	Motorable
27	Majhulia	Bakhariya to karmawa	1.500	0.120	Motorable
28	Majhulia	Semraghat to Briti tola	2.100	0.140	Motorable
29	Majhulia	L056-Sekh toli to malah Toli	3.000	0.450	Motorable
30	Majhulia	Parsa To Dumariya majhulia	4.000	0.533	Motorable
31	Majhulia	Mahanwa to Rampurwa To bakulia tola	4.550	0.281	Motorable
32	Majhulia	L073-T02 to Gudra	2.100	0.240	Motorable
33	Majhulia	Baghambar pur to Semra Ghat (2.1 km)	4.648	0.219	Motorable
34	Majhulia	Barwa to Bhogari	2.000	0.412	Motorable
35	Majhulia	Baghambar pur to Semra Ghat (2.00 km)	1.585	0.030	Motorable
36	Majhulia	L047 to Jagamba tola	2.125	0.188	Motorable
37	Majhulia	PMGSY to Bairagi Dih	1.650	0.128	Motorable
38	Bettiah	Man Road to Nayaka tola to mathiya Writ	0.560	0.221	Motorable
	Bettiah	Bettiah police Line road			

39	Bettiah	Dairy Farm to Kura Beldari			
40	Nautan	Areraj bettiah Road Nawak tola to Lilapatli	1.000	0.364	Motorable
41	Nautan	KR High School to Sofwa tola	8.000	0.468	Motorable
42	Nautan	Tarkulwa to Mangalpur	1.500	0.116	Motorable
43	Nautan	Jagdishpur to Machhargawan	5.680	0.100	Motorable
44	Bairia	islam chowk to Bathani	7.350	0.823	Motorable
45	Bairia	Bettiah Santghat to Pujha	2.500	0.520	Motorable
46	Bairia	Sathghat to pakhanaha	12.200	0.022	Motorable
47	Bairia	Hat sariay to Khushi tola	11.500	0.275	Motorable
48	Bairia	Bairiya to Harhi Bridge (Tumkaiya Chowk)	1.600	0.401	Motorable
49	Bairia	Machhargawan to fatu chhapar	2.500	0.342	Motorable
50	Bairia	T01 to Tadhawa nandpur	2.800	0.233	Motorable
51	Bairia	Police chowki to Koerpatti	3.217	0.221	Motorable
Total			187.05	14.65	

[Signature]
28/12/2022

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28/12/2022
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28/12/2022

Executive Engineer,
RWD, Works Div. Bagaha-1

बिहार सरकार
ग्रामीण कार्य विभाग

पत्रांक - मु0अ0-4 (मु0) विविध (कार्य)-23-40/16 - 2254

पटना, दिनांक 30/6/2020

प्रेषक,

पंकज कुमार पाल,
सचिव

सेवा में,

सभी कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
बिहार, पटना।

विषय- संभावित अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथों के आपातकालीन मरम्मत के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि राज्य में मानसून अति सक्रिय है जिसके कारण बाढ़ प्रवण जिलों में पथों के क्षतिग्रस्त होने की संभावना है। अतः निदेश दिया जाता है कि वर्तमान मानसून के दौरान अतिवृष्टि/बाढ़ से क्षतिग्रस्त पथों को मोटरेबुल बनाने का कार्य तत्परता से प्राथमिकता में किया जाय जिससे कि पथों में यातायात कम से कम समय तक बाधित रहे। इस क्रम में यह भी निदेश है कि जिला प्रशासन के साथ वर्षा-अवधि के दौरान लगातार समनव्य रखी जाय एवं उनसे प्राप्त पथों की मरम्मत का कार्य प्राथमिकता में करायी जाय।

ऐसे पथ जिनकी अनुरक्षण नीति के अन्तर्गत मरम्मत कार्य की निविदा प्रक्रिया में है उनको भी मोटरेबुल बनाए रखना विभाग का दायित्व है। इन्हें मोटरेबुल बनाए रखने में यदि प्राक्कलन में प्रावधानित मदों का उपयोग किया जाना आवश्यक हो तो वैसे स्थिति में एकरारनामा करने के समय इन मदों की उतनी मात्रा परिमाण विपत्र में से घटा दिया जाए।

क्षेत्रीय पदाधिकारी वर्षा-अवधि के दौरान बिना जिलाधिकारी अथवा अधोहस्ताक्षरी की अनुमति के मुख्यालय नहीं छोड़ेंगे।

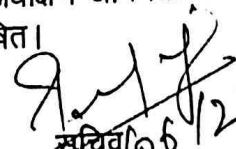
विश्वासभाजन


(पंकज कुमार पाल)
सचिव 30/6/2020

ज्ञापांक:- मु0अ0-4 (मु0) विविध (कार्य) 23-40/16 - 2254

पटना, दिनांक 30/06/2020

प्रतिलिपि:- सभी प्रमंडल आयुक्त/जिलाधिकारी/सभी मुख्य अभियंता/सभी अधीक्षण अभियंता
ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कारवाई हेतु प्रेषित।


सचिव 30/6/2020

TECHNICAL REPORT

Name of Road :- Baghambarpur to Semraighat

Name of Block :- Majhauria

Name of Division :- Works Division, Bettiah

Name of District :- West Champaran

Estimated Cost :- Rs 38,09,938 = w

Restoration Length :- 0.331 km

This Estimate is prepared for Restoration of Baghambarpur to Semraighat

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

ज्ञापक :- 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 H.P. Culvert

..... Bricks, bags 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. 38,09,938 = w please.

Submitted for Technical Approval please.


Junior Engineer,
Yogapatti
Majhauria


Assistant Engineer,
Yogapatti
Majhauria


Executive Engineer
R.W.D.(W) Division, Bettiah

COST ESTIMATE FOR traffic Restoration

Name of Road: Baghambarpur to Semraghat
District: WEST CHAMPARAN

Block: MAJHAULIA
Cutting length

Length: 331.000 m
331.00 M

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.								
			9	2.50		1	22.50			
							22.50	M	381.23	8578.00
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								
			15	2.50		1	37.50	M	4744.43	177916.00
		(B) EARTHWORK								
5	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge								
		As per measurement								
		Total Road work					1775.65	cum	1703.77	3025301.36
		Say Rs.								3211795.36
		Add GST @12%								3211795.36
		Add Labour Cess @1%								385415.44
		Add Seignrage Fee@10% of basic material rate								32117.95
		Total Cost of work								180609.72
										3809938.48

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Post facto
Technically approved for Rs = 38,09,938-00
(Rs-Thirty Eight Lakhs nine thousands nine
hundred and thirty Eight) only.

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल बेतिया
29/XII/2010

Detailed Measurement Brick Bat				
No	L(m)	W(m)	D(m)	Qty(cum)
1	20	$(5.5+6.5)/2$	$(1.0+2.0)/2$	180.000
3	10	$(4.0+3.75)/2$	$(1.50+1.0)/2$	145.313
1	12	$(4.0+3.75)/2$	$(1.50+1.0)/2$	58.125
1	40	$(1.50+2.20)/2$	$(1.50+1.20)/2$	99.900
2	30	$(1.50+2.10)/2$	$(1.50+1.20)/2$	145.800
1	22	$(4.10+7.10+9.5)/3$	$(4+4.5)/2$	645.150
Less for Hume pipe				(-)80.165
TOTAL				1194.12

RE DAMAGED(MEASUREMENT)

Detailed Measurement (Brick Bat)				
No	L(m)	W(m)	D(m)	Qty(cum)
1	15	$(4.2+6.20)/2$	$(3.0+2.0)/2$	195.000
2	10	$(3.75+4.0)/2$	$(1.50+1.0)/2$	96.875
1	12	$(3.75+4.0)/2$	$(1.50+1.0)/2$	58.125
2	30	$(1.40+2.15)/2$	$(1.50+1.20)/2$	143.775
1	40	$(1.30+1.95)/2$	$(1.50+1.20)/2$	87.750
TOTAL				581.53

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SEIGNIORAGE FEE CALCULATION SHEET

Name of Road Baghambarpur to Semraghat
 District WEST CHAMPARAN
 Block MAJHAULIA
 Link No- S-0

Item dextcription	unit	Quantity of Consumin g Item	Materials Required/ Unit	Unit	Quantity/ Unit	Total Quantity Requeired	Rate	Amount	Seigniora ge Fee (RS)	Final Amount (RS)
Brick bats	Cum	1775.65	Brick bats	Cum	1.0	1775.648	1017.00	1805833.508	180583.4	180583.35
1000 MM Dia	RM	37.50	Sand at site	Cum	0.04	1.5	175.8	263.7	26.37	26.37
Total Amount of seginorage fee in construction (Rs)										180609.72

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RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL

Carriage Cost (Surfaced Road):

Carriage Cost (Un Surfaced Road):

Carriage Cost (Kacha Road):

With truck

Rs 6.79 Per Tonne Per Km

Rs 8.17 Per Tonne Per Km

Rs 16.45 Per Tonne Per Km

With tractor

Rs 17.25 Per Tonne Per Km

Rs 21.55 Per Tonne Per Km

Rs 26.95 Per Tonne Per Km

NAME OF ROAD : Baghabarpur to Semraghat
BLOCK : MAJHAULIA

DISTRICT WEST CHAMPARAN

S.NO.	Material	Railway Freight (Rs)	Lead Distance(Km)			Loading	Unloading	Unit	Carriage Cost Per Km			Total Carriage Cost	SOURCE
			Surface Road	Unsurfaced Road	Kaccha Road				Surface Road	Unsurfaced Road	Kaccha Road		
1	Aggregate for WBM Gr II & Gr I	1,987.88	20	0	0	109.85	66.46	Cum	236.69	0.00	0.00	2400.88	SHEKHPUR A
2	Crushed Stone for Concrete work	1,833.26	20	0	0	109.85	66.46	Cum	217.72	0.00	0.00	2227.29	SHEKHPUR A
3	Stone Chips (For PMC & Seal Coat)	1,833.26	20	0	0	109.85	66.46	Cum	217.72	0.00	0.00	2227.29	MIRJA CHOWKI
4	Moorum	1,439.39	20	0	0	66.46	41.61	Cum	181.07	0.00	0.00	1728.53	SHEKHPUR A
5	Cement		20	0	0	163.11	163.11	MT	135.80	0.00	0.00	462.02	Local
6	Coarse Sand		147	0	0	66.46	41.61	Cum	1600.21	0.00	0.00	1708.28	KOILWAR
7	Fine Sand(Local Sand)		2	0	1	66.46	41.61	Cum	21.77	0.00	26.37	156.21	Local
8	Steel Reinforcement		20	0	0	173.19	173.19	Tonne	135.80	0.00	0.00	482.18	Local
9	RCC Pipe NP3 (1000 mm dia)		45	0	0	29.56	24.30	RM	244.44	0.00	0.00	298.30	Local
10	RCC Pipe NP3 (600 mm dia)-		45	0	0	20.04	13.41	RM	97.78	0.00	0.00	131.23	Local
13	Jhama metal		7		1	210.41	210.41	1000 No.	483.00	0.00	107.80	1011.62	Local
13	Brick Bat		7		1	210.41	210.41	1000 No.	483.00	0.00	107.80	1011.62	Local
15	Stone Boulders	2,017.58	20			109.85	66.46	Cum	271.60	0.00	0.00	2465.49	SHEKHPUR A
16	Earth by tractor		8		1	182.39		Cum	220.80		43.12	446.31	450.77 Dumari
16	Earth by truck		10		1	66.46	41.61	Cum	72.43		21.93	202.43	Dumari

For
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