

Block - Kahalgaon

Inspection Report for Flood Damage Work

Date:

1. Name of PII - EE, RWD, Kahalgaon

2. Name of Block/Road - Barahat to Bisanpur

A. For Road

1. Damage Location/Chainage 1000 to 1800, 2000 to 4200, 4500 to 4900
2. Damage Length 6150 to 6700 to 7300 to 7800 & 8240 to 9100
3. Nature of Damage 52/10 M
4. Details of Restoration works Road Damage due to heavy rain
 - i. Material being used in Restoration works: Brick Bats.
 - ii. Equipments/Tools being used in Restoration works:
 - iii. Procedure taken up in Restoration works:
 - iv. Restored Length 1144.2 M

B. For Bridge

1. Damage Location/Chainage
2. Damage Length
3. Nature of Damage
4. Details of Restoration works
 - i. Material being used in Restoration works:
 - ii. Equipments/Tools being used in Restoration works:
 - iii. Procedure taken up in Restoration works:
 - iv. Restored Length

C. Requirement of new CD/Bridge

- i. Name of Road
- ii. Location/Chainage
- iii. Type of CD work/Length required

- Upload one photograph of damaged portion if available
- Attach minimum two photographs (during restoration & after restoration) photographs should be Geotags and at least one photo be captured in selfie mode.

Signature of JE/AE/EE

Signature

(Name of Inspector)

EE, RWD

Banke-1

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कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रणाली कलकत्ता



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2020 - 21)

DETAILED ESTIMATE FOR F.D.R. RESTORATION WORK

DISTRICT :	Bhagalpur	BLOCK :	Khalgoun
NAME OF ROAD :	Barahat to Bisanpur		
Total Length of road	:	11.200	KM
total cost of FDR. part - a	:	1304818.00	
Add GST @ 12 %	:	156578.00	
Add labour cess @ 1%	:	13048.00	
Add S.F	:	80713.00	
Total cost of restoration work	:	1555157.00	15,55,150.00
SUBMITTED BY The Executive Engineer Works Division, Kahalgaon			

प्रतिवेदन

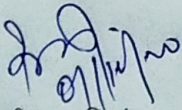
योजना का नाम— Barahat to Visanpur
प्रमंडल का नाम— ग्रामीण कार्य विभाग, कार्य प्रमंडल, कहलगँव
अंचल— भागलपुर
पथ की लम्बाई— 11.200 कि० मी०
क्षतिग्रस्त भाग की लम्बाई— 5210.000 मी०
प्राक्कलित राशि— 15.55150 लाख

प्रस्तुत प्राक्कलन वर्ष 2020 में आयी बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों की तत्काल मरम्मत कर यातायात पुनः बहाल करने हेतु तैयार किया गया है। प्राक्कलन का निर्माण अभियंता प्रमुख, ग्रामीण कार्य विभाग, पटना के पत्रांक-2521, दिनांक-05.08.2020 के अलोक में स्थल पर पुनर्स्थापन कार्य के उपरांत तैयार किया गया है।

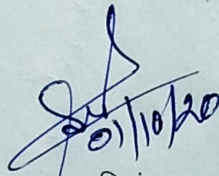
इस वर्ष 2020 में बाढ़/अतिवृष्टि के कारण जगह-जगह रोडकस्ट में कटाव/गढ़ा हुआ है। कटाव/गढ़ा के कारण पथ से आवागमन बाधित हो गया था। पथ पंचवर्षीय अनुरक्षण अवधि से बाहर है।

अतः आपातकालीन प्रकृति के कार्य को देखते हुए क्षतिग्रस्त पथांश में आवश्यकता एवं उपलब्धतानुसार ईंट के टुकड़े (Brick Bats)/ मिट्टी (E/W) /SandBag / Bamboo Pilling/ GSB इत्यादि के द्वारा पथ के पुनः स्थापन का प्रावधान किया गया है। प्राक्कलन में मदों का दर, तत्कालीन अनुसूचित दर विप्लेशन पर आधारित है। प्राक्कलन में Contractor Profit एवं Over Head Charge नहीं जुड़ा है। जबकि GST, Labour Cess एवं SF को जोड़ा गया है।

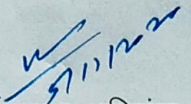
अतः प्राक्कलन का तकनीकी अनुमोदन दिये जाने की कार्रवाई की जा सकती है।



कनीय अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, कहलगँव



सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल, कहलगँव



कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, कहलगँव -

GENERAL ABSTRACT OF COST

Name of Road : Barahat to Bisanpur

District : Bhagalpur

Length : 11.200 KM

Block : Khalgoun

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Restoration work	:	1145.00 M	1,304,818.00
B	Add G.S.T @ 12 %	:		156,578.00
C	Add L.C. @ 1 %	:		13,048.00
C	Add S.F. @10% of (Material Qty x Basic Rate)	:		80,713.00
	Total Cost of Restoration work	:		1,555,157.00
			Say,	15,55,150.00

15,55,200.00

[Signature]
J. E.

[Signature]
A. E.

[Signature]
E. E.

Technically approved for Rs 15.55.200
(Rupees fifteen lac fifty five thousand two hundred only)

[Signature]
19/12/20
Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

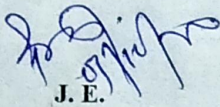
Name of Road: Barahat to Bisanpur

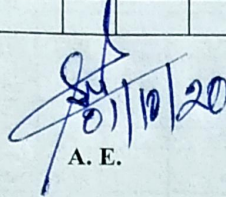
Block: Khalgoun

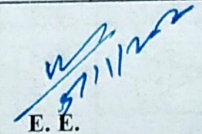
District: Bhagalpur

Length : 11.200 KM

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount (in Rs.)
1	4.5	Providing brick Bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light, barriers, danger signals, chowhidar, taxes, royalty and direction of E/I excluding carriage cost of bricks.								
		As per attached "Annexure - A"					759.29			
							759.29	cum	1718.47	1,304,818.00
							Total Cost of Flood Protective work =			1,304,818.00


J. E.


A. E.


E. E.

ANNEXURE - " A "

Brick Bats Measurement

Name of Road : Barahat to Bisampur

Length of Road : 11.200

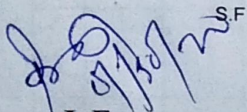
Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	1000-1100	1	2.50	2.12	2.00		2.06	0.30	0.25		0.28	1.44
2		2	2.60	3.40	3.50		3.45	0.30	0.25		0.28	5.02
3		1	3.10	3.50	3.40		3.45	0.20	0.30		0.25	2.67
4		3	2.30	2.10	2.20		2.15	0.25	0.30		0.28	4.15
5		1	3.20	2.40	2.60		2.50	0.30	0.25		0.28	2.24
6		2	1.80	3.50	3.40		3.45	0.25	0.30		0.28	3.48
7	1100-1200	1	2.30	2.10			2.10	0.30			0.30	1.45
8		2	12.50	3.10			3.10	0.30			0.30	23.25
9		2	4.40	2.50			2.50	0.25			0.25	5.50
10		1	5.50	2.70			2.70	0.30			0.30	4.46
11		3	3.10	2.20			2.20	0.20			0.20	4.09
12		1	7.50	2.30			2.30	0.30			0.30	5.18
13	1300-1400	1	2.40	2.00			2.00	0.25			0.25	1.20
14		2	3.00	2.50			2.50	0.25			0.25	3.75
15		3	5.00	3.10			3.10	0.30			0.30	13.95
16		2	3.10	2.20			2.20	0.30			0.30	4.09
17	1400-1500	1	2.30	2.50			2.50	0.30			0.30	1.73
18		2	2.60	1.70			1.70	0.30			0.30	2.65
19		2	2.50	3.40			3.40	0.20			0.20	3.40
20		1	2.10	2.50			2.50	0.20			0.20	1.05
21	1500-1600	2	8.00	0.90			0.90	0.20			0.20	2.88
22		2	4.50	0.80			0.80	0.30			0.30	2.16
23		2	2.40	1.10			1.10	0.15			0.15	0.79
24	1600-1700	2	13.00	2.40			2.40	0.15			0.15	9.36
25		1	27.00	3.10			3.10	0.30			0.30	25.11

26		1	40.00	3.20			3.20	0.25		0.25	32.00
27	1700-1800	2	3.40	2.60			2.60	0.30		0.30	5.30
28		1	4.30	2.20			2.20	0.20		0.20	1.89
29	2000-2100	2	5.00	2.40			2.40	0.30		0.30	7.20
30		4	2.30	1.50			1.50	0.15		0.15	2.07
31	2100-2200	1	1.80	1.60			1.60	0.15		0.15	0.43
32		2	2.30	2.60			2.60	0.30		0.30	3.59
33	2200-2300	1	3.20	2.40			2.40	0.25		0.25	1.92
34		2	2.30	2.60			2.60	0.30		0.30	3.59
35		4	2.10	2.40			2.40	0.30		0.30	6.05
36	2300-2400	3	40.00	2.50			2.50	0.35		0.35	105.00
37		2	10.00	2.10			2.10	0.30		0.30	12.60
38	2400-2500	1	25.00	3.15			3.15	0.35		0.35	27.56
39		2	10.20	2.10			2.10	0.30		0.30	12.85
40	2500-2600	2	2.40	1.15			1.15	0.15		0.15	0.83
41		1	2.10	2.50			2.50	0.15		0.15	0.79
42		2	2.60	1.30			1.30	0.20		0.20	1.35
43		2	11.25	2.40			2.40	0.20		0.20	10.80
44		1	2.30	2.40			2.40	0.20		0.20	1.10
45	2600-2700	3	12.10	2.20			2.20	0.20		0.20	15.97
46		2	2.20	3.10			3.10	0.25		0.25	3.41
47		1	4.50	2.60			2.60	0.15		0.15	1.76
48		1	2.30	2.70			2.70	0.20		0.20	1.24
49		1	3.20	2.40			2.40	0.25		0.25	1.92
50	2700-2800	1	2.70	3.10			3.10	0.30		0.30	2.51
51		1	2.60	2.50			2.50	0.25		0.25	1.63
52		1	14.70	2.90			2.90	0.30		0.30	12.79
53		2	2.40	2.30			2.30	0.20		0.20	2.21
54		1	12.70	2.60			2.60	0.30		0.30	9.91
55		1	1.55	2.20			2.20	0.25		0.25	0.85
56	2800-2900	1	2.40	2.60			2.60	0.25		0.25	1.56
57		1	9.60	2.70			2.70	0.30		0.30	7.78
58		1	15.00	3.20			3.20	0.30		0.30	14.40

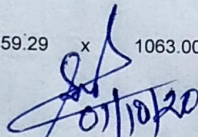
59		1	17.00	2.70			2.70	0.35			0.35	16.07
60		2	2.20	2.10			2.10	0.15			0.15	1.39
61	2900-3000	1	12.50	3.10			3.10	0.30			0.30	11.63
62		2	2.70	2.60			2.60	0.30			0.30	4.21
63		1	4.60	3.10			3.10	0.30			0.30	4.28
64		1	12.30	2.10			2.10	0.25			0.25	6.46
65		1	2.70	1.90			1.90	0.20			0.20	1.03
66		2	17.70	2.20			2.20	0.25			0.25	19.47
67	3000-3100	1	2.50	2.40			2.40	0.20			0.20	1.20
68		1	14.40	2.60			2.60	0.25			0.25	9.36
69		1	3.20	2.20			2.20	0.20			0.20	1.41
70		1	2.40	2.10			2.10	0.25			0.25	1.26
71		1	2.25	2.15			2.15	0.20			0.20	0.97
72		1	14.20	3.10			3.10	0.30			0.30	13.21
73	3100-3200	1	25.40	2.20			2.20	0.20			0.20	11.18
74		2	2.50	2.30			2.30	0.25			0.25	2.88
75		1	2.10	2.20			2.20	0.15			0.15	0.69
76		1	3.50	2.50			2.50	0.20			0.20	1.75
77		1	7.20	2.40			2.40	0.20			0.20	3.46
78		1	5.15	2.20			2.20	0.25			0.25	2.83
79	3300-3400	2	2.40	2.10			2.10	0.20			0.20	2.02
80		1	7.20	2.30			2.30	0.20			0.20	3.31
81		1	8.30	2.20			2.20	0.25			0.25	4.57
82		1	16.00	2.70			2.70	0.30			0.30	12.96
83	3400-3500	1	3.40	1.90			1.90	0.20			0.20	1.29
84		1	2.20	2.10			2.10	0.15			0.15	0.69
85		1	2.30	2.20			2.20	0.20			0.20	1.01
86		1	2.70	2.50			2.50	0.20			0.20	1.35
87	3500-3600	2	1.70	2.30			2.30	0.20			0.20	1.56
88		1	2.10	2.10			2.10	0.15			0.15	0.66
89		1	3.20	2.25			2.25	0.20			0.20	1.44
90	3600-3700	1	3.20	2.10			2.10	0.15			0.15	1.01
91		2	2.40	1.70			1.70	0.20			0.20	1.63

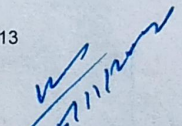
92	3800-3900	1	1.80	1.20								
93		1	2.40	2.20			1.20	0.20			0.20	0.43
94	3900-4000	1	3.20	2.40			2.20	0.20			0.20	1.06
95		1	7.20	2.40			2.40	0.15			0.15	1.15
96		1	6.30	2.10			2.40	0.30			0.30	5.18
97		1	2.20	2.10			2.10	0.20			0.20	2.65
98		2	2.40	2.30			2.10	0.15			0.15	0.69
99	4000-4100	1	2.30	2.20			2.30	0.20			0.20	2.21
100		1	2.10	2.30			2.20	0.20			0.20	1.01
101	4100-4200	1	2.10	2.30			2.30	0.20			0.20	0.97
102		1	3.70	1.40			1.40	0.25			0.25	1.30
103		1	2.60	2.30			2.30	0.20			0.20	1.20
104		1	1.70	2.00			2.00	0.10			0.10	0.34
105	4500-4600	1	17.20	2.70			2.70	0.30			0.30	13.93
106		1	7.20	1.50			1.50	0.25			0.25	2.70
107		2	4.10	2.40			2.40	0.25			0.25	4.92
108	4600-4700	1	2.50	2.20			2.20	0.25			0.25	1.38
109		1	12.40	2.30			2.30	0.30			0.30	8.56
110		1	2.30	2.20			2.20	0.15			0.15	0.76
111		1	8.70	2.40			2.40	0.25			0.25	5.22
112	4700-4800	1	6.40	2.30			2.30	0.20			0.20	2.94
113		1	2.20	2.50			2.50	0.20			0.20	1.10
114	4800-4900	1	9.40	2.35			2.35	0.30			0.30	6.63
115		1	14.20	2.30			2.30	0.25			0.25	8.17
116		1	6.40	2.90			2.90	0.25			0.25	4.64
117		1	2.20	2.30			2.30	0.30			0.30	1.52
118	6150-6300	1	2.40	2.50			2.50	0.20			0.20	1.20
119	6300-6400	1	2.30	2.40			2.40	2.00			2.00	11.04
120		1	2.50	2.10			2.10	0.20			0.20	1.05
121	6400-6500	1	20.50	2.90			2.90	0.25			0.25	14.86
122		1	9.25	2.70			2.70	0.30			0.30	7.49
123		1	2.50	2.40			2.40	0.25			0.25	1.50
124		1	1.60	1.20			1.20	0.15			0.15	0.29
125	6500-6600	1	15.50	2.50			2.50	0.25			0.25	9.69

125	6600-6700	1	12.10	2.70								
126		1	2.70	2.20			2.70	0.30			0.30	9.80
127	7300-7400	1	3.20	2.25			2.20	0.20			0.20	1.19
128		1	1.70	2.60			2.25	0.25			0.25	1.80
129	7500-7600	1	2.10	1.20			2.60	0.30			0.30	1.33
130		1	1.50	1.10			1.20	0.15			0.15	0.38
131	7600-7700	1	2.60	2.00			1.10	0.15			0.15	0.25
132	7700-7800	1	1.70	2.20			2.00	0.20			0.20	1.04
133	8340-8400	1	2.60	2.40			2.20	0.30			0.30	1.12
134	8400-8500	1	2.70	2.20			2.40	0.30			0.30	1.87
135		1	2.80	2.30			2.20	0.25			0.25	1.49
136	8500-8600	1	2.60	2.40			2.30	0.25			0.25	1.61
137	8600-8700	1	2.20	2.10			2.40	0.25			0.25	1.56
138		1	3.10	2.20			2.10	0.20			0.20	0.92
139	8700-8800	1	2.60	2.40			2.20	0.20			0.20	1.36
140		1	4.25	2.30			2.40	0.25			0.25	1.56
141	8800-8900	2	1.70	1.50			2.30	0.30			0.30	2.93
142		2	2.75	2.20			1.50	0.20			0.20	1.02
143	8900-9100	1	1.70	1.20			2.20	0.15			0.15	1.82
							1.20	0.15			0.15	0.31
											Total =	759.29


J. E.

= 759.29 x 1063.00 x 10% = RS. 80713


A. E.


E. E.

Rate Analysis for Carriage of Materials

Rate Analysis for Carriage of Materials.																						
Sl No	Item	Unit	Source	Carriage Cost & Lead in Km												Loading & Unloading Cost	Carriage Cost by Rail Head	Total` (By Road)				
				Pukka / Surface						Katcha												
1	Stone Metal Gr-III / GSB	Cum	Mirjachauki	8.00	x	16.32	x	86.00	Km	=	Rs 2250.20	8.00	x	25.47	x	0.00	Km	=	Rs 0.00	172.07	0	Rs. 2422.27
				4.99						4.99												
2	Brick/ Brick Bats	Cum	Local	3.60	x	16.32	x	7.00	Km	=	Rs 215.33	3.60	x	25.47	x	1.00	Km	=	Rs 48.01	172.07	0	Rs. 435.40
				1.91						1.91												
3	Local Sand	Cum	Local	3.60	x	16.32	x	2.00	Km	=	Rs 57.60	3.60	x	25.47	x	1.00	Km	=	Rs 44.95	172.07	0	Rs. 274.62
				2.04						2.04												
4	Earth	Cum	Local	8.00	x	16.32	x	0.00	Km	=	Rs 0.00	8.00	x	25.47	x	1.00	Km	=	Rs 33.96	172.07	0	Rs. 206.03
				6.00						6.00												
5	Hume Pipe (1000 mm)	M	Godda	8.00	x	16.32	x	40.00	Km	=	Rs 522.26	8.00	x	25.47	x	0.00	Km	=	Rs 0.00	164.19	0	Rs. 686.44
				10.00						10.00												
6	Hume Pipe (600 mm)	M	Godda	8.00	x	16.32	x	40.00	Km	=	Rs 208.90	8.00	x	25.47	x	0.00	Km	=	Rs 0.00	164.36	0	Rs. 373.26
				25.00						25.00												

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tractor	Per Ton. Km by Tipper
For Surface Road	16.32	
Unsurface Gravel Road	0.00	
Kachha Road	25.47	

[Signature]

J. E.

[Signature]

A. E.

[Signature]

E. E.