



बिहार सरकार

ग्रामीण कार्य विभाग

Rural Works Department, Govt. of Bihar

HEAD-FDR

STATE :- BIHAR

DETAILED PROJECT REPORT

DISTRICT :- Madhubani

CIRCLE :- Darbhanga

BLOCK :- Jhanjharpur

Estimate for Mortable of the Road from Jhanjharpur Thana Chowk to Sukhait under FDR at Block- Jhanjharpur in Madhubani District.

TOTAL COST FOR MOTORABLE Rs. 8.98706 lac.

5.19 lac

Submitted by:

Executive Engineer

RWD(W) Division, Jhanjharpur

तकनीकी प्रतिवेदन

पथ का नाम :- Thanjharpur thana chowk to Sukhait

प्राक्कलित राशि :- ₹ 5.19 lacs

प्रमण्डल का नाम:- झंझारपुर

अंचल का नाम :- दरभंगा

योजना का नाम :- F.D.R-2245

प्रस्तुत प्राक्कलन विभागीय स्तर से कराये गये कार्य के आलोक Thanjharpur
thana chowk to Sukhait पथ के लिए तैयार किया गया है, जो कि बाढ़ एवं अतिवृष्टि के कारण हुए कटाव/ जलजमाव/ Wave Cut के कारण क्षतिग्रस्त हो गया था जिसके कारण आवागमन बाधित हो गया था । फलतः ग्रामीणों को काफी कठिनाईयों का सामना करना पड़ रहा था ।

यह प्राक्कलन सचिव महोदय, ग्रामीण कार्य विभाग, पटना बिहार के पत्रांक- मु0अ0- 4 (मु0) विविध (कार्य)- 23 - 60/2020- 1937 पटना, दिनांक- 07.07.2021 के आदेश के आलोक में तैयार किया गया है ।

इस प्राक्कलन में क्षतिग्रस्त हुए पथांश को ईट के टुकड़े/मिट्टी/स्थानीय बालु से भरकर उसका संपीडन किये जाने का प्रावधान करते हुए कार्य संपादित किया जा चुका है ।

प्रस्तुत प्राक्कलन संपादित कार्य के समय लागू अनसूचित दर (संवेदक लाभांश छोड़कर) पर तैयार किया गया है । यह कार्य लोकहित एवं जनहित में अत्यावश्यक है । अतः इस प्राक्कलन की स्वीकृति अपेक्षित है ।

कनीय अभियंता

सहायक अभियंता

2556
कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, झंझारपुर

**Estimate for Motorability of road damaged by flood from Jhanjharpur Thana Chowk to Sukhait
For Year 2021**

Head :- FDR 2245

Length :- 1.891 km

SI No.	Item No.	Name of Item	Unit	Quantity As per Appendix - 1	Rate	Amount
1		Providing and filling brick bats in ditches/ damaged embankment including cost of brick bats and labour all complete job as per specification and direction of E/L.	Cum	219.154 378.90	2004.96	439395.00 759671.83

439395.00
 ₹ ~~7,59,671.83~~
 Add 12 % GST ₹ 52727.4
 91,160.62
 Add 1 % L.C ₹ 4393.95
 7,596.72
 Add S. Fee (378.90 x 1063.00) x 10 % ₹ 22616.69
 40,276.67
 219.154 1032
 Total ₹ ~~8,98,705.83~~ 519133
 Say ₹ 8,98,706.00
519133 = 00

Junior Engineer
R.W.D. Works Section,
Jhanjharpur

Assistant Engineer
R.W.D. Work sub Div.
Jhanjharpur

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

कार्यपालक अभियंता जयनगर के जॉचों उपरान्त (प्रक्रांक 210/23-05-22)
 Technically sanctioned for Rs 5,19,133 = 00 (Rupees five
 lacs nineteen thousand one hundred thirty three only)

Superintending Engineer
RWD Work Circle, Darbhanga

Abhinav
25/05/22

Name of Road :- Jhanjharpur Thana Chowk to Sukhait

Scheme :- MMGSY

Length :- 1.891 km

Block :- Jhanjharpur

Appendix - I

**Measurement for restoration of Embankment and shoulder with Brick Bat
(Measurement in mtr.)**

Chainage	Nos.		Length (In Mtr.)		Bldth (In Mtr.)		Thickness (In Mtr.)			Quantity	
ch 0	1	x	15.00	x	$(1.0+0.80)/2$	x	0.90		av.	1.35	cum
ch 0	1	x	15.00	x	$(1.0+0.80)/2$	x	0.90		av.	1.35	cum
ch 0	1	x	15.00	x	$(1.0+0.80)/2$	x	0.90		av.	1.35	cum
ch 0	2	x	1.00	x	1.10	x	1.10		av.	0.22	cum
ch 60	1	x	11.00	x	$(0.80+0.90+0.80)/3$	x	0.83		av.	0.91	cum
ch 210	1	x	6.00	x	1.30	x	1.30		av.	1.56	cum
ch 500	1	x	1.00	x	1.10	x	1.10		av.	0.22	cum
ch 510	1	x	28.00	x	$(1.0+0.90)/2$	x	0.95		av.	5.32	cum
ch 510	1	x	18.00	x	$(0.90+1.0+1.10)/3$	x	1.00		av.	3.60	cum
ch 600	1	x	2.00	x	$(0.80+0.70)/2$	x	0.75	0.30	av.	0.45	cum
ch 600	1	x	9.00	x	$(0.80+0.60+0.30)/3$	x	0.57	0.30	av.	1.53	cum
ch 670	1	x	1.50	x	$(0.30+0.20)/2$	x	0.25	0.30	av.	0.11	cum
ch 770	1	x	2.50	x	$(0.60+1.0+0.6)/3$	x	0.73	0.40	av.	0.73	cum
ch 830	1	x	0.90	x	1.20	x	1.20	0.50	av.	0.54	cum
ch 840	1	x	0.90	x	1.30	x	1.30	0.50	av.	0.59	cum
ch 900	1	x	15.00	x	$(0.60+0.30)/2$	x	0.45	0.40	av.	2.70	cum
ch 900	1	x	14.00	x	$(0.60+0.30)/2$	x	0.45	0.60	av.	3.78	cum
ch 900	1	x	3.00	x	3.20	x	3.20	0.40	av.	3.84	cum
ch 900	1	x	2.00	x	1.50	x	1.50	0.40	av.	1.20	cum
ch 980	1	x	7.00	x	0.90	x	0.90	0.40	av.	2.52	cum
ch 980	1	x	3.00	x	0.80	x	0.80	0.450	av.	1.08	cum
ch. 1025	1	x	12.00	x	$(2.00+1.00+3.75)/3$	x	2.25	1.00	av.	8.10	cum
ch. 1025	1	x	30.00	x	$(0.90+1.00+0.80+0.70)/4$	x	0.85	0.90	av.	7.65	cum
ch. 1025	1	x	2.00	x	1.80	x	1.80	0.85	av.	1.70	cum
ch. 1025	1	x	1.00	x	1.50	x	1.50	0.30	av.	0.45	cum
ch. 1110	1	x	10.00	x	$(0.80+0.70+0.60)/3$	x	0.70	0.75	av.	2.80	cum
ch. 1110	1	x	6.50	x	3.75	x	3.75	0.85	av.	9.25	cum
ch. 1110	2	x	4.50	x	0.50	x	0.50	0.75	av.	1.80	cum
ch. 1110	2	x	3.80	x	$(0.60+0.80+0.65)/3$	x	0.68	0.45	av.	2.34	cum
ch. 1150	1	x	12.00	x	$(3.75+4.20+3.75)/3$	x	3.90	0.65	av.	18.72	cum
ch. 1150	1	x	2.00	x	1.00	x	1.00	0.45	av.	0.90	cum
ch. 1150	1	x	5.00	x	$(3.75+4.00+3.75)/3$	x	3.83	1.40	av.	8.52	cum
ch. 1150	1	x	3.00	x	2.00	x	2.00	0.90	av.	5.40	cum
ch. 1150	1	x	6.00	x	$(0.6+0.50)/2$	x	0.55	0.30	av.	0.99	cum
ch. 1150	1	x	4.00	x	$(0.90+0.60+3.0)/3$	x	1.50	0.60	av.	3.60	cum
ch. 1150	1	x	2.00	x	1.00	x	1.00	0.60	av.	1.20	cum
ch. 1200	1	x	3.50	x	$(0.60+0.70+0.80)/3$	x	0.70	0.40	av.	0.98	cum
ch. 1230	1	x	7.00	x	1.00	x	1.00	0.65	av.	4.55	cum
ch. 1230	1	x	15.00	x	1.10	x	1.10	0.36	av.	5.94	cum
ch. 1230	1	x	4.00	x	1.30	x	1.30	0.45	av.	2.34	cum
ch. 1340	1	x	7.00	x	$(3.75+4.05+3.75)/3$	x	3.85	0.75	av.	12.12	cum
ch. 1340	1	x	2.00	x	0.40	x	0.40	0.40	av.	0.32	cum
ch. 1340	1	x	4.00	x	0.40	x	0.40	0.50	av.	0.80	cum
ch. 1410	1	x	10.00	x	$(0.60+3.0+3.0+1.30)/4$	x	1.98	0.45	av.	8.89	cum
ch. 1480	1	x	2.00	x	1.00	x	1.00	0.40	av.	0.80	cum
ch. 1480	1	x	3.75	x	$(2.0+1.50+1.20)/3$	x	1.57	0.65	av.	3.82	cum
ch. 1480	1	x	6.00	x	$(0.95+0.82)/2$	x	0.89	0.45	av.	2.39	cum

Inspection Report of Flood Damage Work

Name of PIUs :- RWD Works Division, Jhanjharpur

Name of Block :- Jhanjharpur

Name of Road :- Jhanjharpur Thana check to Sukhait

A. For Road

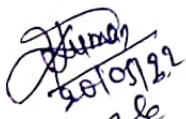
1. Damage Location Chainage :- 0, 60, 210, 500, 510, 600, 670 - - -
2. Damage Length :- 409.4
3. Nature of Damage :-
4. Details of Restoration Works
 - i. Materials being used in restoration works:-
 - ii. Equipment's/Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:- 219.154 m³

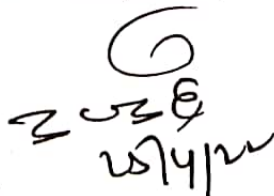
B. For Bridge

1. Damage Location Chainage :-
2. Damage Length :-
3. Nature of Damage :-
4. Details of Restoration Works
 - i. Materials being used in restoration works:-
 - ii. Equipment's/Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:-

C. Requirement Of New CD/ Bridges

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


Signature of JE/AE/EE


2026
25/4/22




Signature
(Name of Inspection)

Road :- Jhanjharpur Thana Chowk to Sukhalt

Length :- 1.891 km

Appendix - I

Block :- Jhanjharpur

Measurement for restoration of Embankment and shoulder with Brick Bat
(Measurement in mtr.)

ch. 1480	1	x	13.00	x	$(3.75+4.05+3.75)/3$	x	3.85	0.65 0.40	0.65 0.40	av.	=	32.53	cum
ch. 1480	2	x	11.00	x	$(0.60+0.70+0.80)/3$	x	0.70	0.25	0.25	av.	=	3.85	cum
ch. 1480	1	x	4.55	x	$(2.80+1.0+2.0)/3$	x	1.93	0.40	0.40	av.	=	3.52	cum
ch. 1480	1	x	7.00	x	$(1.55+1.30+1.60)/3$	x	1.48	0.40	0.40	av.	=	4.15	cum
ch. 1480	1	x	2.50	x	2.00	x	2.00	0.40	0.40	av.	=	2.00	cum
ch. 1480	1	x	7.00	x	$(3.75+5.20+3.75)/3$	x	4.23	1.00 0.40	0.85 0.40	av.	=	11.84	cum
ch. 1480	1	x	2.80	x	$(1.80+1.60)/2$	x	1.70	0.60	0.60	av.	=	2.86	cum
ch. 1480	1	x	4.30	x	3.85	x	3.85	0.60	0.60	av.	=	9.93	cum
ch. 1480	1	x	2.40	x	1.50	x	1.50	0.50 0.40	0.75 0.40	av.	=	1.34	cum
ch. 1480	1	x	5.00	x	1.20	x	1.20	0.80 0.40	0.80 0.40	av.	=	9.40	cum
ch. 1480	1	x	11.00	x	$(0.60+2.0+0.95)/3$	x	1.18	0.45	0.45	av.	=	5.86	cum
ch. 1480								Total qty.			=	378.90	cum

219.154 m

[Signature]

Junior Engineer
R.W.D. Works Section,
Jhanjharpur

Assistant Engineer
R.W.D. Work sub Div.
Jhanjharpur

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

[Signature]
20/03/22
T.E.

[Signature]