



बिहार सरकार
ग्रामीण कार्य विभाग
Rural Works Department, Govt. of Bihar

(102)

HEAD-FDR

STATE :- BIHAR

DETAILED PROJECT REPORT

DISTRICT :- Madhubani

CIRCLE :- Darbhanga

BLOCK :- Jhanjharpur

Estimate for Mortable of the Road from Repair of road from
N.H.-57 Old Bindewar Asthan to Kothiya S.H.-52 FDR at
Block- **Jhanjharpur** in Madhubani District.

TOTAL COST FOR MOTORABLE Rs. ~~10.08037~~ lac. 3.5251

Submitted by:

Executive Engineer

RWD(W) Division, Jhanjharpur

तकनीकी प्रतिवेदन

पथ का नाम :- NH 57 to old Bidalhwar Asthan to Kothiyas NH 52

प्राक्कलित राशि :- 1008037.00
3.52251 लाख

प्रमण्डल का नाम:- झांझारपुर

अंचल का नाम :- दरभंगा

योजना का नाम :- F.D.R-2245

प्रस्तुत प्राक्कलन विभागीय स्तर से कराये गये कार्य के आलोक NH 57 to old Bidalhwar Asthan to Kothiyas NH 52 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।

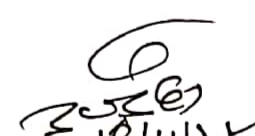
यह प्राक्कलन सचिव महोदय, ग्रामीण कार्य विभाग, पटना बिहार के पत्रांक- मु0अ0- 4 (मु0) विविध (कार्य)- 23 - 60/2020- 1937 पटना, दिनांक- 07.07.2021 के आदेश के आलोक में तैयार किया गया है।

इस प्राक्कलन में क्षतिग्रस्त हुए पथांश को ईंट के टुकड़े/मिट्टी/स्थानीय बालु से भरकर उसका संपीड़न 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


कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, झांझारपुर

Inspection Report of Flood Damage Work

Name of PIUs :- RWD Works Division, Jhanjharpur

Name of Block :- Jhanjharpur

Name of Road :- NH 57 to old Bideshwar Asthan to Kothiya SH 52

A. For Road

1. Damage Location Chainage :- 0 - 400 m

2. Damage Length :- 239.10 m

3. Nature of Damage :-

4. Details of Restoration Works

i. Materials being used in restoration works:- Bitak-bals

ii. Equipment's/Tools being used in Restoration works:- Tootok-Tolly

iii. Procedure taken up in Restoration works:- 148.754 m

iv. Restored Length:- 239.10 m

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:-

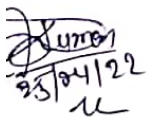
C. Requirement Of New CD/ Bridges

i. Name of Road:-

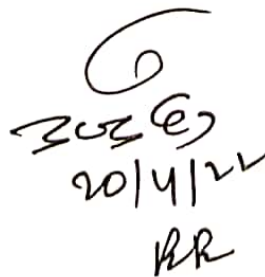
ii. Location/ Chainage:-

iii. Type of CD Work/ Length required:-

"S"


23/04/22
u

Signature of JE/AE/EE


20/4/22
RR


25/4/22
Signature
(Name of Inspection)

Rate for Motorability of road damaged by flood from Repair of road from N.H.-57 Old Bindewar
Asthan to Kothiya S.H.-52 For Year 2021

FDR 2245

Length :- 7.390 km

Item No.	Name of Item	Unit	Quantity As per Appendix - 1	Rate	Amount
	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	424.99 148.734	2004.96	298145.57 852088.79

₹ ~~8,52,088.79~~
298145.57
Add 12 % GST ₹ ~~4,02,250.65~~
35777.59
Add 1 % L.C ₹ ~~8,520.89~~
148.704 1032 2981.46
Add S. Fee (182.44 x 1063.00) x 10 % ₹ ~~45,176.48~~
15346.25
Total ₹ ~~10,08,036.81~~
352250.87
Say ₹ ~~10,08,037.00~~
352251=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 समितीको आठ काठ वि, जयनगर के द्वारा औचित्य
पत्रांक 671/140 दि 29/04/22 के आधार पर।

Technically Sanctioned Rs 352251=00 (Rupees Three lakhs
Fifty two thousand Two hundred Fifty one only.

Superintending Engineer
RWD Work Circle, Darbhanga

Abhinav
05/05/22

Name of Road :- NH-57 Old Bideswar Asthan to Kothiya SH52

MR

Length :- 7.390 km

Block :- Jhanjharpur

Appendix - I

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

chainage	Nos.		Length (in Mtr.)		Bidth (in Mtr.)		Thickness (in Mtr.)		Quantity	
	1	x	8.00	x	0.50	x	0.15 0.50	av. =	0.60 2.00	cum
	1	x	0.50	x	0.40	x	0.15 0.40	av. =	0.03 0.08	cum
	1	x	1.00	x	2.10	x	$\frac{0.3+0.15}{2}$ 2.10	av. =	0.473 4.41	cum
	1	x	0.50	x	1.50	x	0.15 1.50	av. =	0.112 1.13	cum
	1	x	6.00	x	2.10	x	0.33	av. =	4.20	cum
	1	x	0.70	x	0.60	x	0.15 0.60	av. =	0.063 0.25	cum
	1	x	0.40	x	0.50	x	0.15 0.40	av. =	0.03 0.08	cum
	1	x	10.00	x	2.20	x	$\frac{0.3+0.15}{2}$ 0.60	av. =	4.95 13.20	cum
	1	x	0.60	x	1.40	x	0.30	av. =	0.25	cum
	1	x	6.00	x	2.10	x	0.25	av. =	3.15	cum
	1	x	0.50	x	0.50	x	0.30	av. =	0.08	cum
	1	x	6.30	x	2.10	x	0.15 0.40	av. =	1.98 5.29	cum
	1	x	10.90	x	3.75	x	0.15 0.80	av. =	6.13 32.70	cum
	1	x	11.00	x	2.80	x	0.20 1.10	av. =	6.16 33.88	cum
	1	x	1.40	x	1.60	x	0.30	av. =	0.67	cum
	2	x	7.40	x	2.20	x	0.28 0.141	av. =	2.305 4.61	cum
	2	x	16.00	x	2.60	x	$\frac{0.45+0.3}{2}$ 0.90	av. =	15.60 74.88	cum
	2	x	10.80	x	2.10	x	0.30 0.85	av. =	6.804 29.28	cum
	1	x	6.00	x	1.40	x	0.40	av. =	3.36	cum
	1	x	1.00	x	1.10	x	0.30	av. =	0.33	cum
	1	x	5.40	x	1.10	x	0.40	av. =	2.38	cum
	1	x	10.10	x	3.80	x	0.45 0.90	av. =	19.92 34.54	cum
	1	x	1.10	x	1.20	x	0.20 0.40	av. =	0.224 0.53	cum
h. 0 to 400 M	1	x	2.50	x	0.40	x	0.15 0.60	av. =	0.15 0.60	cum
	1	x	12.00	x	2.10	x	0.30 0.90	av. =	7.56 22.68	cum
	1	x	4.80	x	2.20	x	0.38	av. =	4.05	cum
	1	x	0.80	x	0.90	x	0.20 0.40	av. =	0.144 0.29	cum
	1	x	5.30	x	2.90	x	0.23	av. =	3.59	cum
	1	x	4.00	x	1.40	x	0.33	av. =	1.87	cum
	1	x	0.50	x	1.30	x	0.30	av. =	0.20	cum
	1	x	0.50	x	1.00	x	0.30	av. =	0.15	cum

Name of Road :- NH-57 Old Bideshwar Asthan to Kothiya SH52

MR

Length :- 7.390 km

Block :- Jhanjharpur

Appendix - I

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

1	x	0.50	x	1.30	x	0.40	av.	=	0.26	cum
1	x	1.50	x	2.30	x	0.42	av.	=	1.44	cum
1	x	26.50	x	3.80	x	0.30 0.90	av.	=	30.21 90.63	cum
1	x	6.00	x	1.50	x	0.25	av.	=	2.25	cum
1	x	1.00	x	0.50	x	0.15 0.40	av.	=	0.875 0.20	cum
1	x	9.00	x	2.50	x	0.20 0.60	av.	=	11.5 33.50	cum
1	x	1.10	x	0.90	x	0.15 0.50	av.	=	0.149 0.50	cum
1	x	2.50	x	2.40	x	0.15 0.50	av.	=	0.149 3.00	cum
1	x	5.50	x	3.50	x	0.25 0.50	av.	=	4.81 9.63	cum
1	x	14.00	x	1.30	x	0.20 0.40	av.	=	3.64 7.28	cum
1	x	1.00	x	0.90	x	0.15 0.40	av.	=	0.135 0.36	cum
1	x	0.90	x	0.80	x	0.20 0.50	av.	=	0.149 0.36	cum
1	x	5.00	x	1.10	x	0.075 0.40	av.	=	0.41 2.20	cum
1	x	5.50	x	0.80	x	0.20 0.80	av.	=	0.49 3.52	cum
1	x	5.00	x	2.80	x	0.30 0.90	av.	=	4.20 14.00	cum
1	x	2.10	x	0.75	x	0.15 0.75	av.	=	0.236 1.18	cum
Total qty.								=	424.99	cum

148.704 m

28/06/22

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

28/04/22

20/4/22