

Inspection Report of Flood Damage work

Name of PIUs:- RWD Works Division, Benipur

Name of Block/Road:- Benipur / Benipur - Nawada - Bazitpur - Manigachhi Road

A. For Road

1. Damage Location Chainage:- ch. 1.000 km to ch. 1.7000 km
2. Damage Length :- 700 m
3. Nature of Damage :- Road crust
4. Details of Restoration Works
 - i. Material being used in Restoration works:- Brack bats, HPC
 - ii. Equipment's /Tools being used in Restoration works:- tractor
 - iii. Procedure taken up in Restoration works:- manually filling
 - iv. Restored Length:- 1400 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. Equipment's /Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:-
- "work found satisfactory"

N/A

Signature of JE/AE/EE

Signature
(Name of Inspection)

तकनीकी प्रतिवेदन

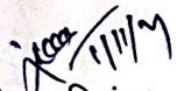
पथ का नाम	:- बेनीपुर-नवादा-वाजितपुर-मनिगाही पथ
पथ की लंबाई	:- 18.25 कि०मी०
प्राक्कलित राशि	:- Rs. 18,48,298-00
प्रमण्डल का नाम	:- बेनीपुर
अंचल का नाम	:- दरभंगा
योजना शीर्ष	:-
योजना वर्ष	:- 2021-22

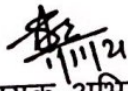
प्रस्तुत प्राक्कलन विभागीय पत्रांक-मु.अ.प-4-427542न/ दिनांक-22/10-2021 के आदेशानुसार पथ में कराये गये यातायात पुर्नस्थापना कार्य के निमित्त तैयार की गयी है।

यह प्राक्कलन बेनीपुर-नवादा-वाजितपुर-मनिगाही पथ कार्य के लिए तैयार की गई है। वर्ष 2021 में आयी प्रलयंकार बाढ़/अतिवृष्टि के कारण पथ कई जगहो पर क्षतिग्रस्त हो गया था। जिसके कारण आवागमन अवरुद्ध हो गई थी जिसमें अस्थाई यातायात पुर्नस्थापन कार्य किया गया है।

प्रस्तुत प्राक्कलन संपादित कार्य के समय लागू अनुसूचित दर पर, जो संवेदक लाभांश को छोड़कर था, उसे प्रावधान करते हुए तैयार किया गया है।

अतः किये गये कार्यों के भुगतान हेतु प्राक्कलन की प्रशासनिक स्वीकृति अपेक्षित है।


कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा बेनीपुर


सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल बेनीपुर


कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल बेनीपुर।

Abstract of cost.

Name of Road:-Benipur-Nawada - Bajitpur_Manigachhi Road in Manigachhi Benipur Block

Sl No	Particulars of Item	Quantity (In M ³)	Rate	Amount
1	Providing and laying Filling in ditches with brick bats including loading, unloading and light ramming all complete job. As per specification & Direction of E/I	768.34	2004.96	1540491
2	Providing and laying RCC NP3 type Hume Pipeall complete job as per specification and direction of E/I.	12.5	505.12 2000	6314.00 25000
Total =				1565491
Add 12% GST				187859
1% L.C				15655
S.Fee (768.34*1032*0.1)= 79293				79293
Grand Total=				1848298

15,54
15,46,805.00
1,85,612.00
15,468.00

Say Rupees 18,48,300.00 = 18,27,183.00

[Signature]
J.E
RWD,Benipur

[Signature]
A.E
RWD,Benipur

[Signature]
E.E
RWD,Benipur

Technically Sanctioned for Rs 1848300.00 (Rupees Eighteen Lacs Fourty Eight Thousand Three Hundred) only

Technically sanctioned for Rs 18,27,183.00 (Rupees eighteen Lacs twenty seven thousand one hundred eighty three) only

[Signature]
Superintending Engineer
RWD, Works Circle, Darbhanga
[Signature]

Flood Estimate

Name of Road:-Benipur-Nawada - Bajitpur_Manigachhi Road in Manigachhi Benipur Block

Item No.1	Providing and laying Filling in ditches with brick bats including loading, unloading and light ramming all complete job. As per specification & Direction of E/I				
S.No	Chainage (In M)	Length (In M)	Average Width (In M)	Average Height (In M)	Qty in M ³
	2nd km	0.50	(3+3.5)/2	(0.4+0.6)/2	0.81
		3.60	(2.70+2.9)/2	(0.6+0.8)/2	7.06
		2.30	(3.5+3.75)/2	(0.4+0.6)/2	4.17
		2.00	(1.3+1.7)/2	(0.3+0.5)/2	1.20
		(3+3.80)/2	(2.6+2.8)/2	(0.3+0.6)/2	4.13
		4.00	(2+2.5)/2	(0.25+0.35)/2	2.70
		2.50	(1.5+2)/2	(0.3+0.4)/2	1.53
		8.00	(2.5+3)/2	(0.25+0.45)/2	7.70
		2.00	(0.9+1.1)/2	(0.3+0.2)/2	0.50
		11.00	(2+2.5)/2	(0.3+0.4)/2	8.66
		3.50	(2.3+2.7)/2	(0.25+0.3)/2	2.41
		4.30	(3.3+3.7)/2	(0.2+0.3)/2	3.76
		5.00	(1.5+2)/2	(0.15+0.25)/2	1.75
		6.00	(3.3+3.7)/2	(0.2+0.3)/2	5.25
		4.00	(2+1.5)/2	(0.3+0.4)/2	2.45
		2.80	(1+1.5)/2	(0.2+0.3)/2	0.88
		3.50	(0.8+1.2)/2	(0.15+0.25)/2	0.70
		3.00	(1.8+2)/2	(0.15+0.25)/2	1.14
		6.00	(2.5+3)/2	(0.2+0.3)/2	4.13
		3.50	(1+1.5)/2	(0.3+0.4)/2	1.53
		2.50	(1.5+2)/2	(0.25+0.35)/2	1.31
		1.00	1.00	0.20	0.20
		2.00	(0.9+1.1)/2	(0.2+0.3)/2	0.50
		4.50	(2+3)/2	(0.2+0.35)/2	3.09
		3.00	(1+2)/2	(0.3+0.4)/2	1.58
		4.50	(2.8+3.2)/2	(0.25+0.35)/2	4.05
		6.00	(1+2)/2	(0.4+0.3)/2	3.15
		2.50	(0.9+1.1)/2	(0.2+0.3)/2	0.63
		16.00	(1.5+2.5+3)/3	(0.25+0.35)/2	11.20
		4.00	(1.8+2.2)/2	(0.15+0.2)	1.40
		6.00	(2.8+3.2)/2	(0.2+0.3)/2	4.50
		3.50	(1+1.5)/2	(0.2+0.35)/2	1.20
		2.80	(2.3+2.7)/2	(0.2+0.25)/2	1.57
		5.00	(1.5+2.5)/2	(0.2+0.3)/2	2.50
		3.20	(1+2)/2	(0.15+0.25)/2	0.96
		2.50	(1.5+2)/2	(0.25+0.3)/2	1.20
		4.00	(2+2.5)/2	(0.2+0.25)/2	2.03
		(3+2.5)/2	(3.5+4)/2	(0.25+0.35)/2	3.09
		4.00	(1.8+2.2)/2	(0.25+0.35)/2	2.40
		3.50	(0.8+1.2)/2	(0.2+0.4)/2	1.05
		6.50	(2.8+3.2)/2	(0.15+0.35)/2	4.88

S.No	Chainage (In M)	Length (In M)	Average Width (In M)	Average Height (In M)	Qty in M ³
		2.50	(1.9+2.1)/2	(0.2+0.3)/2	1.25
		3.00	(3.5+4)/2	(0.3+0.4)/2	3.94
		3.50	(1+1.5)/2	(0.3+0.25)/2	1.20
		4.00	(2.5+3)/2	(0.25+0.35)/2	3.30
		2.50	(3+4)/2	(0.2+0.35)/2	2.41
		7.50	(3+3.5)/2	(0.3+0.4)/2	8.53
		2.50	(1.4+1.6)/2	(0.15+0.2)/2	0.66
		6.00	(1+2)/2	(0.2+0.3)/2	2.25
		6.00	(1.5+2.5)/2	(0.2+0.25)/2	5.40
		5.75	(3.5+4)/2	(0.2+0.4)/2	6.47
		4.50	(1+2)/2	(0.25+0.3)/2	1.86
		3.00	(1+1.5)/2	(0.2+0.3)/2	0.94
		8.50	(3+2+1.5)/3	(0.2+0.4)/2	5.52
		3.50	(2+3)/2	(0.15+0.25)/2	1.75
		7.00	(2.5+2.6)/2	(0.2+0.3)/2	4.46
		19.00	(1.5+2.5+2)/3	(0.2+0.4+0.5)/3	13.93
		5.00	(1.4+1.6)/2	(0.2+0.3)/2	1.88
		4.00	(0.8+1.2)/2	(0.2+0.3)/2	1.00
		2.00	(0.9+1.1)/2	(0.4+0.5)/2	0.90
		6.00	(0.8+1.2)/2	(0.3+0.5)/2	2.40
		7.50	(2+2.5)/2	(0.2+0.4)/2	5.06
		1.00	1.00	0.20	0.20
		3.00	(1.4+1.6)/2	(0.15+0.25)/2	0.90
		4.20	(0.85+1.15)/2	(0.15+0.25)/2	0.84
		6.50	(2.3+2.7)/2	(0.15+0.25)/2	3.25
		3.00	(3.5+4)/2	(0.2+0.35)/2	3.09
		4.30	(1+1.5)/2	(0.3+0.4)/2	1.88
		4.50	(3.6+4.4)/2	(0.3+0.4)/2	5.91
		2.00	(0.9+1.1)/2	(0.15+0.25)/2	0.40
		4.00	(3.5+4)/2	(0.3+0.4)/2	5.25
		4.00	(3+2.5)/2	(0.2+0.4)/2	3.30
		4.00	(1.8+2.2)/2	(0.15+0.2)/2	1.40
		2.50	(1.9+2.1)/2	(0.15+0.25)/2	1.00
	5th km	3.20	(2+2.2)/2	(0.15+0.2)/2	1.18
		6.00	(1.8+2)/2	(0.1+0.2)/2	1.71
		1.50	(1.9+2)/2	(0.15+0.25)/2	0.59
		3.70	(1.8+2)/2	(0.1+0.2)/2	1.05
		4.00	(3.5+3.75)/2	(0.15+0.2)/2	2.54
		2*1	(0.9+1)/2	(0.15+0.2)/2	0.33
		3.00	(1+1.1)/2	(0.2+0.25)/2	0.71
		6.50	(2.8+3)/2	(0.15+0.15)/2	2.36
		11.00	(1.5+2)/2	(0.15+0.2)/2	3.37
		7.00	(1.3+1.5)/2	(0.15+0.25)/2	1.98
		5.50	(1.7+2)/2	(0.1+0.2)/2	1.53
		3.00	(1.4+1.5)/2	(0.15+0.2)/2	0.76
		2.50	(1.3+1.5)/2	(0.15+0.25)/2	0.70
		4.50	(1.4+1.5)/2	(0.15+0.2)/2	1.14
		24.00	(2.5+3.5+3)/3	(0.15+0.25)/2	16.00

S.No	Chainage (In M)	Length (In M)	Average Width (In M)	Average Height (In M)	Qty in M ³
		1.00	(1.3+1.5)/2	(0.2+0.25)/2	0.32
		14.00	(1.5+2)/2	(0.15+0.25)/2	4.90
		5.00	(1+1.5)/2	(0.1+0.2)/2	0.94
		5.50	(1+2+2.5)/3	(0.2+0.25)/2	2.27
		4.00	(3.5+4)/2	(0.1+0.2)/2	2.25
		1.00	(0.9+1)/2	(0.1+0.2)/2	0.14
		1.00	(0.8+1)/2	(0.1+0.15)/2	0.11
		10.00	(1+1.5+2)/3	(0.15+0.25)/2	2.63
		12.00	(1.8+2)/2	(0.15+0.25)/2	4.56
		3.00	(1.3+1.5)/2	(0.1+0.2)/2	0.63
	6th km	12.50	(1.4+1.5)/2	(0.15+0.2)/2	3.17
		2.00	(1.8+2)/2	(0.15+0.25)/2	0.76
		3.00	(0.9+1)/2	(0.1+0.2)/2	0.43
		2.50	(0.8+1)/2	(0.15+0.25)/2	1.13
		16.50	(2.1+2.5)/2	(0.15+0.2)/2	6.64
		14.00	(1.3+1.5)/2	(0.1+0.2)/2	2.94
		13.50	(2+2.5)/2	(0.2+0.25)/2	6.83
		13.50	(1.3+1.5)/2	(0.15+0.25)/2	3.78
		2*1	(0.8+1)/2	(0.15+0.2)/2	0.32
		7.50	(0.9+1)/2	(0.2+0.4)/2	2.14
		3*1	(0.8+1)/2	(0.2+0.3)/2	0.68
		4.50	(2.1+2.5)/	(0.15+0.2)/2	1.81
		4.00	(1+1.25)/2	(0.1+0.2)/2	0.67
		9.50	(2+2.5)/2	(0.2+0.25)/2	4.81
		6.00	(1.5+2)/2	(0.15+0.25)/2	2.10
		5.00	(1+1.5)/2	(0.2+0.3)/2	1.56
		2.00	(1.4+1.5)/2	(0.15+0.25)/2	0.58
		4.00	(1+1.5)/2	(0.1+0.2)/2	0.75
		26.50	(1.5+2+2.5)/3	(0.15+0.2)/2	9.28
		2*2.5	(1.4+1.5)/2	(0.2+0.25)/2	1.13
		10*1	(1.3+1.5)/2	(0.15+0.25)/2	2.80
		2.00	(1.2+1.5)/2	(0.2+0.3)/2	0.68
		16.00	(1+1.5+2)/3	(0.15+0.25)/2	4.80
		9.00	(1+1.5)/2	(0.2+0.25)/2	2.53
		3*1	(0.9+1)/2	(0.15+0.25)/2	0.57
		24.50	(1.5+2)/2	(0.15+0.25)/2	8.58
		24.50	(2+2.5)/2	(0.2+0.3)/2	13.78
		9.80	(1+1.5)/2	(0.2+0.25)/2	2.76
	7th km	1.50	(0.9+1)/2	(0.2+0.25)/2	0.32
		6.00	(1.8+2)/2	(0.15+0.25)/2	2.28
		6.00	(1+1.5)/2	(0.2+0.3)/2	1.88
		4.00	(2+1.5)/2	(0.25+0.3)/2	1.93
		5.80	(3.5+3.75)/2	(0.4+0.6)/2	10.51
		2.50	(0.8+1)/2	(0.2+0.4)/2	0.68
		3.75	(3.5+3.75)/2	(0.2+0.3)/2	3.40
		7.00	(3.5+4)/2	(0.2+0.25)/2	5.90
		8.00	(1+1.5)/2	(0.15+0.25)/2	2.00
		5.50	(1.5+2)/2	(0.15+0.2)/2	1.68

S.No	Chainage (In M)	Length (In M)	Average Width (In M)	Average Height (In M)	Qty in M ³
		4.50	(3.5+3.75)/2	(0.15+0.25)/2	3.26
		2*1	(0.8+1)/2	(0.2+0.4)/2	0.54
		10.50	(1.5+2)/2	(0.2+0.3)/2	4.59
		1.00	(0.8+1)/2	(0.15+0.2)/2	0.16
		5.50	(1.5+2)/2	(0.2+0.3)/2	2.41
		6.50	(1.5+2)/2	(0.15+0.25)/2	2.28
		5.50	(1.4+1.5)/2	(0.2+0.25)/2	1.79
		9.00	(3.25+3.75)/2	(0.2+0.3)/2	7.88
		6.50	(1+2)/2	(0.15+0.25)/2	1.95
		4.50	(2+2.5)/2	(0.2+0.3)/2	2.53
		6.00	(3.5+3.75)/2	(0.2+0.25)/2	4.89
		5.50	(2.8+3)/2	(0.15+0.25)/2	3.19
		5.75	(4+3.5)/2	(0.2+0.25)/2	4.85
		3.50	(1.4+1.5)/2	(0.4+0.6)/2	2.54
		2*1.5	(1+1.1)/2	(0.2+0.3)/2	0.79
		13.50	(1.3+1.5)/2	(0.15+0.2)/2	3.31
		1.00	(0.8+1)/2	(0.2+0.25)/2	0.20
		3.50	(1.5+2)/2	(0.2+0.3)/2	1.53
		5.50	(3.5+3.75)/2	(0.2+0.25)/2	4.49
		6.50	(2.5+3)/2	(0.2+0.3)/2	4.47
		1.00	(0.8+1)/2	(0.15+0.2)/2	0.16
		4.00	(0.8+1)/2	(0.15+0.25)/2	0.72
		3.00	(1.3+1.5)/2	(0.2+0.3)/2	1.05
		3.00	(1+1.5)/2	(0.15+0.25)/2	0.75
		2.50	(0.8+1)/2	(0.2+0.25)/2	0.51
		5.00	(3.5+3.75)/2	(0.25+0.35)/2	5.44
		3.00	(0.8+1)/2	(0.2+0.3)/2	0.68
		3.00	(3.25+3.75)/2	(0.2+0.25)/2	2.45
		2*3	(0.8+1)/2	(0.2+0.3)/2	1.35
		1.00	(0.8+1)/2	(0.2+0.25)/2	0.20
		5.80	(1.3+1.5)/2	(0.2+0.3)/2	2.03
		2.00	(1.4+1.5)/2	(0.25+0.35)/2	0.87
		8.00	(1.3+1.5)/2	(0.2+0.3)/2	2.80
		2.50	(0.9+1)/2	(0.15+0.25)/2	0.47
		2.50	(3.5+4)/2	(0.2+0.3)/2	2.34
		4.00	(3.5+4)/2	(0.25+0.3)/2	4.13
		2.00	(0.8+1)/2	(0.2+0.3)/2	0.70
		5.00	(3.5+4)/2	(0.2+0.3)/2	4.69
		5.00	(0.8+1)/2	(0.25+0.3)/2	1.24
		2.50	(0.9+1)/2	(0.2+0.3)/2	0.59
		2.00	(0.8+1)/2	(0.15+0.25)/2	0.36
		4.00	(3.25+3.75)/2	(0.2+0.35)/2	3.85
		2.80	(3.5+4)/2	(0.25+0.35)/2	3.15
		1.00	(1.5+2)/2	(0.2+0.3)/2	0.44
		2.00	(0.8+1)/2	(0.15+0.25)/2	0.36
		6.50	(2.8+3)/2	(0.15+0.3)/2	4.24
		7.50	(1+1.5)/2	(0.2+0.3)/3	2.34
		4.20	(3+3.5)/2	(0.4+0.6)/2	6.83

S.No	Chainage (In M)	Length (In M)	Average Width (In M)	Average Height (In M)	Qty in M ³	
	17th km	3.00	(1+2.5)/2	(0.1+0.15)/2	0.66	
		1.50	(0.9+1)/2	(0.15+0.2)/2	0.25	
		2.50	(1+1.1)/2	(0.15+0.25)/2	0.53	
		3.50	(0.8+1)/2	(0.2+0.25)/2	0.71	
		3.00	(1+1.5)/2	(0.15+0.25)/2	0.75	
		6.00	(0.8+1)/2	(0.8+0.2)/2	0.81	
		5.00	(1.5+2)/2	(0.25+0.45)/2	3.06	
		2.00	(3+3.5)/2	(0.35+0.45)/2	2.60	
		4.50	(1+2)/2	(0.4+0.6)/2	3.38	
		1.50	(0.8+1)/2	(0.15+0.2)/2	0.24	
		3.00	(1.4+1.5)/2	(0.1+0.2)/2	0.65	
		6.00	(1.3+1.5)/2	(0.15+0.2)/2	1.47	
		2.80	(0.7+1)/2	(0.15+0.25)/2	0.48	
		1.00	(0.8+1)/2	(0.15+0.2)/2	0.16	
		9.00	(0.5+1+2)/3	(0.35+0.45)/2	4.20	
		4.00	(1+2)/2	(0.15+0.2)/2	1.05	
		4.50	(1.5+2)/2	(0.3+0.5)/2	3.15	
		2.50	(0.8+1)/2	(0.1+0.2)/2	0.34	
		5.00	(1.5+2)/2	(0.25+0.4)/2	2.84	
		2.00	(1.8+2)/2	(0.15+0.2)/2	0.66	
		2.00	(2.3+2.5)/2	(0.1+0.2)/2	0.72	
		8.00	(1+1.5)/2	(0.25+0.4)/2	3.25	
		3.50	(1+1.2)/2	(0.1+0.15)/2	0.48	
		1.00	(0.8+1)/2	(0.2+0.25)/2	0.20	
		3.00	(0.8+1)/2	(0.15+0.25)/2	0.54	
		18th km	7.00	(2+3.3)/2	(1+1.5+2)/3	55.65
			2.70	(4+5)/2	(1.6+1.1+1.9)/3	18.63
			Part-B			
Grand total Part A(660.88)+ Part B=(107.46)				Total =	768.34	

Item No.2	Providing and laying RCC NP3 type Hume Pipeall complete job as per specification and direction of E/I.				
	300mm dia H.P	2*2.5			5
	300mm dia H.P	3*2.5			7.5
					12.5

J.E
J.E
RWD, Benipur

A.E
A.E
RWD, Benipur

E.E
E.E
RWD, Benipur

Checked and verified

13-12-2021
13-12-2021
Az

3-12-2021
3-12-2021
CC