

27/01/22

**अधीक्षण अभियन्ता का कार्यालय**  
**ग्रामीण कार्य विभाग, कार्य अंचल, भागलपुर।**

E-mail ID- [se.bhagalpur.rwd@gmail.com](mailto:se.bhagalpur.rwd@gmail.com)

Mobile No. 8986915214

पत्रांक 23 27/01/भागलपुर

दिनांक 27-12-2021

प्रेषक,

अधीक्षण अभियन्ता,  
ग्रामीण कार्य विभाग  
कार्य अंचल, भागलपुर।

सेवा में,

नोडल पदाधिकारी,  
FDR  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

विषय :-

बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों की आपातकालीन मरम्मति कार्य (मोटरबुल) के प्राक्कलन का प्रशासनिक अनुमोदन हेतु समर्पित करने के संबंध में।

प्रसंग :-

कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, भागलपुर का पत्रांक 1793 (अनु०) दिनांक 13.12.2021

महाशय,

उपर्युक्त विषयक 2021 में आये भीषण बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों में आपातकालीन मरम्मति कार्य का प्राक्कलन कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, भागलपुर से प्राप्त हुआ है, जिसे तकनीकी स्वीकृतियोंपरांत प्रशासनिक अनुमोदन हेतु समर्पित किया जाता है, जो निम्न हैं-

प्रखण्ड	पथ का नाम	म 2s Actual	पथ की लम्बाई (कि०मी०में)	तकनीकी स्वीकृति की राशि (लाख में)
Nathnagar	NH-80 To Bhuwalpur	114	1.570	2.286
Nathnagar	REO Road Haridaspur To Didarpur	113	4.000	1.499
Nathnagar	REO Road To Raghobpur	112	5.166	6.133
Nathnagar	L036 To Ganga Prasad	111	4.710	2.125
5	Nathnagar	RWD Road Makandpur More /to Bharat Rasalpur	1.909	1.904
6	Nathnagar	NH-80 Near champanala To Raghobpur	3.900	4.593

अनु०-यथोक्त

विश्वासमाजन

अधीक्षण अभियन्ता

ग्रामीण कार्य विभाग

कार्य अंचल, भागलपुर

27/01/22



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2021 - 22)

### DETAILED ESTIMATE For F.D.R. Motrable Work

DISTRICT :	BHAGALPUR	BLOCK :	NATHNAGAR	
NAME OF ROAD :	NH80 near Champanala to Raghapur			
Total Length of road	:	3.900 Km		
Total cost of Motorable work	:	3.96	Lacs	
GST @12%	:	0.47	Lacs	
Labour Cess @ 1%	:	0.04	Lacs	
Seigniorage Fee @10%	:	0.12	Lacs	
Total Cost	:	4.59	Lacs	

SUBMITTED BY  
The Executive Engineer  
RWD, Works Division, Bhagalpur

## Inspection Report For Flood Damage Work

Date:- 5/12/2021

1. Name of PIU's - Executive Engineer R.W.D Bhagalpur  
2. Name of Block/ Road Nalhinagar/ NH80 - near Champenallah & Raghurpur

### A. For Road

1. Damage Location/Chainage 0 to 2 km  
2. Damage length 0 to 2 km  
3. Nature of Damage - Grade 3 & 13T  
4. Detail of Restoration Works

- (i) Material being used in Restoration Works: GSB  
(ii) Equipment's/ Tools Being used in Restoration Works: Roller tractor & Manned power.  
(iii) Procedure Taken up in Restoration Works: Manned power.  
(iv) Restored Length: 403.50 m.

### B. For Bridge

1. Damage Location/Chainage  
2. Damage length  
3. Nature of Damage  
4. Detail 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:

### C. Requirement Of New CD/Bridges

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

### Notes:-

- Upload one Photograph of damaged portion if available
- Attach minimum Two Photograph (during restoration & after restoration) Photographs should be Geotags and at Least one Photo be captured in selfie mode.

Signature of JE/AE/EE

5/12/21

Signature  
(Name of Inspector)  
RAMSIRSI P P P S M

## प्रतिवेदन

योजना का नाम - " NH80 near Champanala to Raghapur " पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।

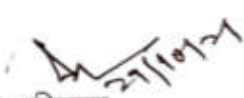
पथ की लम्बाई - 3.900 कि०मी०

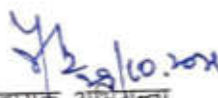
प्राक्कलित राशि - रु० 4.59268 लाख


वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सर्बौर एवं सन्हाँला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड़बे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल युद्धस्तर पर इन पथों को Brick-Bats/ Sand Bag, Bamboo Piling एवं GSB के द्वारा मोटरेबुल कार्य कराया गया है। मोटरेबुल कार्य के बाद सभी पथों में आवागमन चालू हो चुका है।

कराये गये कार्य का प्राक्कलन ग्रामीण कार्य विभाग, कार्य अंचल भागलपुर के पत्रांक \_\_\_\_\_ दिनांक \_\_\_\_\_ के द्वारा स्वीकृत दर पर तैयार किया गया है तथा इस कार्य का विवरण विभागीय MIS पर FDR Module में प्रविष्ट किया गया है।

कार्य के उपरान्त इसकी तकनीकी अनुमोदन सह तकनीकी स्वीकृति अपेक्षित है।

  
कनीय अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य प्रशाखा, नाथनगर

  
सहायक अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य अवर प्रमण्डल नाथनगर

  
कार्यपालक अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल भागलपुर

### GENERAL ABSTRACT OF COST

Name of Road : NH80 near Champanala to Raghapur

District : BHAGALPUR

Length of Road : 3.900 Km

Block : NATHNAGAR

SL No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	3.90	<del>395624</del> 3,95,630.00
B	GST @12%	:		<del>47475</del> 4,47,500
C	Labour Cess @ 1%	:		<del>3956</del> 3,956.30
D	Seigniorage Fee @10%	:		<del>12286</del> 12,286.04
	Total Cost of Restoration work	:		<del>459261</del> 4,59,267.94
			Say	<del>4,59,268.00</del>

4,59,300 = w

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A. E.  
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E. E.  
29/10/21

Technically Sanctioned for Rs 4,59,300.00 (Rupees four lac fifty nine thousand three hundred) only.

Superintending Engineer  
Rural Works Department  
Works Circle, Bhagalpur  
29/10/21



# ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: NH80 near Champaala to Raghapur

Block: NATHINAGAR

District: BHAGALPUR Length: 8.320 KM

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/O (M)	Qty.	Unit	Rates (in Rs.)	Amount (in Rs.)
1	4.0	Granular Sub-base with Well Graded Material (Table 400.1) ( By mix in place method ) For Grading II Material Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.								
		As per attached "Annexure - B"					160.30			
							160.30	cum	2236.82	3,90,630.00
Total Cost of Flood Protective work =										3,95,630.00

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A. E. 29/10.2021

E. E. 29/10/21

NH80 near Champanala to Raghapur

GSB Grading II

Annexure- B

Chainage	No.	Length (in m)	Width (in m)	Depth (in m)	Qty (in Cum)	Remarks
Between 0 to 2.00 Km	1 x	95.00	x 3.00	x 0.15	= 42.75	Pot Patch
	1 x	6.00	x 3.75	x 0.15	= 3.38	Pot Patch
	1 x	25.00	x 2.80	x 0.10	= 7.00	Pot Patch
	1 x	2.00	x 2.00	x 0.15	= 0.60	Pot Patch
	1 x	7.00	x 3.75	x 0.15	= 3.94	Pot Patch
	1 x	15.00	x 3.00	x 0.15	= 6.75	Pot Patch
	1 x	5.00	x 2.00	x 0.15	= 1.50	Pot Patch
	1 x	30.00	x 2.00	x 0.15	= 9.00	Pot Patch
	1 x	30.00	x 2.00	x 0.15	= 9.00	Pot Patch
	7 x	1.50	x 2.00	x 0.15	= 3.15	Pot Patch
	1 x	11.00	x 3.00	x 0.15	= 4.95	Pot Patch
	3 x	1.00	x 1.00	x 0.15	= 0.45	Pot Patch
	1 x	12.00	x 2.80	x 0.15	= 5.04	Pot Patch
	1 x	90.00	x 2.50	x 0.15	= 33.75	Pot Patch
	2 x	15.00	x 2.50	x 0.10	= 7.50	Pot Patch
	1 x	10.00	x 2.75	x 0.10	= 2.75	Pot Patch
	1 x	5.00	x 2.00	x 0.10	= 1.00	Pot Patch
	1 x	20.00	x 3.00	x 0.10	= 6.00	Pot Patch
	10 x	1.00	x 1.00	x 0.10	= 1.00	Pot Patch
	3 x	5.00	x 2.00	x 0.15	= 4.50	Pot Patch
	2 x	10.00	x 3.00	x 0.15	= 9.00	Pot Patch
	2 x	7.00	x 3.00	x 0.15	= 6.30	Pot Patch
Total					= 169.30 cum	

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## RWD, works Division, Bhagalpur

Name of Road : NH10 near Champanala to Raghobpur

Block : NATHNACAR

1	Stone Metal Gr-II/Via Road	Cum	Mirza Cheeki	0.00 4.59	0.00 x 7.47 x 0.3 Km = Rs 1000.63	0.00 4.59	0.00 x 18.09 x 0 Km = Rs 0.00	193.62	1274.25	0.00	1274.25	1274.25
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Cheeki	0.00 4.99	0.00 x 7.47 x 0.3 Km = Rs 994.00	0.00 4.99	0.00 x 18.09 x 0 Km = Rs 0.00	193.62	1187.62	0.00	1187.62	1187.62
3	Stone Aggregate / Chips Via Road	Cum	Mirza Cheeki	0.00 4.99	0.00 x 7.47 x 0.3 Km = Rs 994.00	0.00 4.99	0.00 x 18.09 x 0 Km = Rs 0.00	193.62	1187.62	0.00	1187.62	1187.62
4	Stone Boulder /Via Road	Cum	Mirza Cheeki	0.00 4.00	0.00 x 7.47 x 0.3 Km = Rs 1033.35	0.00 4.00	0.00 x 18.09 x 0 Km = Rs 0.00	193.62	1226.97	0.00	1226.97	1226.97
5	Coarse Sand/Via Road	Cum	Hanmara	0.00 4.99	0.00 x 7.47 x 36 Km = Rs 431.13	0.00 4.99	0.00 x 18.09 x 0 Km = Rs 0.00	104.88	536.01	0.00	536.01	536.01
	Mooram/Via Road	Cum	Mirza Cheeki	0.00 6.00	0.00 x 7.47 x 0.3 Km = Rs 826.68	0.00 6.00	0.00 x 18.09 x 0 Km = Rs 0.00	104.88	931.56	0.00	931.56	931.56
	Bitumen Barasuni/ Via Road	MT	Barasuni	0.00 0.00	0.00 x 7.47 x 125 Km = Rs 933.75	0.00 0.00	0.00 x 18.09 x 0 Km = Rs 0.00	365.00	1298.75	0.00	1298.75	1298.75
	Bitumen Emulsion /Via Road	MT	Farukha	0.00 0.00	0.00 x 7.47 x 212 Km = Rs 1583.64	0.00 0.00	0.00 x 18.09 x 0 Km = Rs 0.00	365.00	1948.64	0.00	1948.64	1948.64
9	Local Sand	Cum	Local	0.00 4.99	0.00 x 7.47 x 2 Km = Rs 23.95	0.00 4.99	0.00 x 18.09 x 1 Km = Rs 29.00	104.88	157.83	0.00	157.83	157.83
10	Brick	1000 Nos	Local	0.00 2.00	0.00 x 7.47 x 7 Km = Rs 209.16	0.00 2.00	0.00 x 18.09 x 1 Km = Rs 72.36	441.62	723.14	0.00	723.14	723.14
11	Cement	MT	Local	0.00 0.00	0.00 x 7.47 x 7 Km = Rs 52.29	0.00 0.00	0.00 x 18.09 x 0 Km = Rs 0.00	317.64	369.93	0.00	369.93	369.93
12	Steel	MT	Local	0.00 0.00	0.00 x 7.47 x 7 Km = Rs 52.29	0.00 0.00	0.00 x 18.09 x 0 Km = Rs 0.00	337.70	389.99	0.00	389.99	389.99
13	Hume Pipe (1000 mm )	M	Godda	0.00 10.00	0.00 x 7.47 x 68 Km = Rs 406.37	0.00 10.00	0.00 x 18.09 x 0 Km = Rs 0.00	75.69	482.06	0.00	482.06	482.06
14	Hume Pipe (600 mm )	M	Godda	0.00 25.00	0.00 x 7.47 x 68 Km = Rs 162.55	0.00 25.00	0.00 x 18.09 x 0 Km = Rs 0.00	32.44	194.99	0.00	194.99	194.99
15	Hume Pipe (300 mm )	M	Godda	0.00 60.00	0.00 x 7.47 x 68.00 Km = Rs 67.73	0.00 60.00	0.00 x 19.82 x 0 Km = Rs 0.00	32.44	100.17	0.00	100.17	100.17
16	Bamboo	Nos	Kursel	0.00 0.00	0.00 x 7.47 x 42 Km = Rs 313.74	0.00 0.00	0.00 x 19.82 x 0 Km = Rs 0.00	317.64	369.93	0.00	369.93	369.93
17	Brick bats	Cum	Local	0.00 2.00	0.00 x 7.47 x 7 Km = Rs 209.16	0.00 2.00	0.00 x 18.09 x 1 Km = Rs 72.36	193.62	1274.25	0.00	1274.25	1274.25
18	Kiln Rubbish	Cum	Local	0.00 2.00	0.00 x 7.47 x 7 Km = Rs 209.16	0.00 2.00	0.00 x 18.09 x 1 Km = Rs 72.36	104.88	157.83	0.00	157.83	157.83

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**Final Rate for FDR 2021-22**  
**R.W.D. Works Division Bhalgaon**

I. Material									
Sl. No.	Material	Unit	Basic Rate	Carriage	SF 10%	Overhead & CP 15%	Total	GST 12% & LC 1%	Grand total
1	Empty Cement Bags	Each	2.92	0.30	0.00	0.48	3.70	0.48	4.18
2	Bamboos								
	(i) 75 mm Dia 6m to 8m long	Each	141.5	2.26	0.00	21.56	165.32	21.49	186.81
	(ii) 100 mm Dia 6m to 8m long	Each	151.5	2.26	0.00	23.06	176.82	22.99	199.80
3	Brickbats	Cum	1051	475.14	105.10	244.69	1875.93	243.87	2119.80
4	Local Sand	Cum	141.85	157.80	14.19	47.08	360.91	46.92	407.83
5	Kiln Rubbish	Cum	1648	386.40	164.80	329.88	2529.08	328.78	2857.86
6	Hume Pipe (NP3)								
	600mm Dia	Meter	1582.72	194.99	0.00	266.66	2044.37	265.77	2310.13
7	Hume Pipe (NP3)								
	1000mm Dia	Meter	2744.5	482.10	0.00	483.99	3710.59	482.38	4192.97
8	Brickbats	Cum	355.68	1226.97	35.57	237.40	1855.62	241.23	2096.85
9	Granular Sub-base Material (Grading-II)								
	(i) 20.50 mm to 9.50 mm	Cum	604.91	1274.25	60.49	281.87	2221.53	288.80	2510.32
	(ii) 9.50 mm to 4.75 mm	Cum	582.8	1274.25	58.28	278.56	2193.89	285.21	2479.09
	(iii) 4.75 mm below	Cum	514.58	1274.25	51.46	268.32	2108.61	274.12	2382.73
10	Stone Metal Aggregates Gr-II	Cum	480.64	1274.25	48.06	263.23	2066.19	268.60	2334.79
11	Stone Metal Aggregates Gr-III	Cum	511.44	1187.62	51.14	254.86	2005.06	260.66	2265.72
12	Screening Material Type-B	Cum	397.73	931.56	39.77	199.39	1568.46	203.90	1772.36

II. LABOUR							
	Type	Unit	Basic Rate	Overhead & CP 15%	Total	GST 12%	Grand total
1	Unskilled Labour	Per Day	292	43.80	335.80	43.65	379.45
2	Semi Skilled Labour	Per Day	304	45.60	349.60	45.45	395.05
3	Skilled labour	Per Day	370	55.50	425.50	55.32	480.82
4	Mason	Per Day	351	52.65	403.65	52.47	456.12
5	Head mason	Per Day	394	59.10	453.10	58.90	512.00
6	Bhisti	Per Day	292	43.80	335.80	43.65	379.45
7	Carpenter	Per Day	351	52.65	403.65	52.47	456.12
8	Head Carpenter	Per Day	394	59.10	453.10	58.90	512.00
9	Night Guard	Per Day	485	72.75	557.75	72.51	630.26
10	Electrician	Per Day	375	55.95	428.95	55.76	484.71


III. TOOLS, PLANTS & MACHINERIES WITH DRIVER & FUEL									
Sl.	Description of Machine	Unit	Output of	Output	Basic	Overhead	Total	GST	Grand total
1	Front End Loader 1.0 cum bucket capacity (JCB)	Per Hour	Cum/hour	60/25	1403.00	210.45	1613.45	209.75	1823.20
2	8-10 Ton Smooth Wheeled Roller	Per Hour	Cum/hour	70/25	803.00	120.45	923.45	120.05	1043.50
3	Tractor with Trolley	Ton Trip	Cum/hour	3 to 5 Ton	549.00	82.35	631.35	82.08	713.43
4	Tipper	Ton Trip	Cum/hour	5/5	1183.00	177.45	1360.45	176.86	1537.31
5	Tractor with Tipper	Ton/ Trip	Cum/hour	3 to 5 Ton	1732.00	259.80	1991.80	258.93	2250.73
6	Generator Set	Per Hour	Cum/hour	5	300.00	45.00	345.00	44.85	389.85


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SDB Sl. No.	DESCRIPTION	Unit	QTY	Rate	Amount in Rs
4.5	Providing and Laying of Brick Bats				
	Placing tractor at loading point loading with front end loader dumping, turning for return trip exloding time for haulage and return trip				
	Unit = cum				
	Taking output = 2.832 cum				
a)	Labour				
	Mazdoor (Unskilled)	day	2.170	292.00	633.64
b)	Materials				
	Brick Bats	cum	2.830	1,051.00	2974.33
c)	Carriage				
		cum	2.830	475.14	1344.65
	Cost for 2.832 cum = a+b+c				4952.62
	Rate per cum = (a+b+c+d)/2.83	cum			1750.04
	TOTAL Rate per cum	Cum			1750.04

  
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SDB Sl. No.	DESCRIPTION	Unit	QTY	Rate	Amount in Rs
4.1	Granular Sub-base with Well Graded Material (Table 400.1)				
	( By mix in place method ) For Grading II Material				
	Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401				
(ii)	For Grading II Material				
	Unit = cum				
	Taking output = 300 cum				
a)	Labour				
	Mate	day	0.40	304.00	121.60
	Mazdoor (Skilled)	day	2.00	370.00	740.00
	Mazdoor (Unskilled)	day	8.00	292.00	2336.00
b)	Machinery				
	Tractor mounted grader arrangement for grading @ 100 cum per	hour	12.00	573.20	6878.40
	Three wheel 80-100 kN static roller @ 10 cum per hour	hour	12.00	803.00	9636.00
	Tractor with Rotavator 25 cum per hour	hour	12.00	573.20	6878.40
	Water tanker 6 kl capacity	hour	5.00	184.00	920.00
c)	Material				
	Well graded granular sub-base material as per Table 400.1				
	26.5 mm to 9.5 mm @ 35 per cent	cum	134.40	604.91	81299.90
	9.5 mm to 2.36 mm @ 25 per cent	cum	96.00	582.80	55948.80
	2.36 mm below @ 40 per cent - Local Sand	cum	153.60	514.58	79039.49
	Water	kl	30.00	40.00	1200.00
	Cost of GSB for 300 cum				244998.59
	A) Cost of GSB without carriage per cum	cum			816.66
e)	CARRIAGE				
	Carriage for GSB material	Cum	0.768	1187.62	912.10
	Carriage for material below 2.36 mm (Local Sand)	Cum	0.512	1187.62	608.06
	Rate Per Cum				2336.82

29/10/21  
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# Material Statement and S.F Calculation

## NH80 near Champanala to Raghapur

Sl. No.	Description of Work	material Details	unit	Per Unit Qty	Consumed Qty	Rate of material	Total Rate	Total amount	10% S.F amount
1	Granular Sub base (GSB)	53mm to 9.5 mm	Cum	134.40		604.91	81299.90		
		9.5 mm to 2.36	Cum	96.00		582.80	55948.80		
		coarse sand	Cum	153.60		514.58	79039.49		
		Cost of 300 Cum =A					216288.19		
		Rate per Cum =(A/300)			169.30		720.96	122060.44	12206.04
								Total Rs.	12206.04

By                       
Date 29/10/2021  
G.I.C.

                      
29/10/2021  
G.I.C.

                      
29/10/21

Name of work -1

Situation of work -

Agency by which work is executed -

Date of measurement.

No. and date of agreement

(These four lines should be repeated and the commencement of the measurement relating to each work.)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
C.H. - 3054					
N/W - Repair of Road from					
NH-80 Near Champnada					
to Raghopur					
Agency -					
Supplies -					
Date of Measurement -					

① Construction of G.S.B. plv  
by grading-II

$$3 \times 30.0 \times 3.0 \times 0.15 = 40.50 \text{ M}^3$$

$$1 \times 5.0 \times 3.0 \times 0.15 = 2.25 \text{ "}$$

$$1 \times 6.0 \times 3.75 \times 0.15 = 3.38 \text{ "}$$

$$1 \times 25.0 \times 2.80 \times 0.10 = 7.00 \text{ "}$$

$$1 \times 2.0 \times 2.0 \times 0.15 = 0.60 \text{ "}$$

$$1 \times 7.0 \times 3.75 \times 0.15 = 3.94 \text{ "}$$

$$1 \times 15.0 \times 3.00 \times 0.15 = 6.75 \text{ "}$$

$$1 \times 5.0 \times 2.0 \times 0.15 = 1.50 \text{ "}$$

$$1 \times 30.0 \times 2.0 \times 0.15 = 9.00 \text{ "}$$

$$1 \times 30.0 \times 2.0 \times 0.15 = 9.00 \text{ "}$$

$$7 \times 1.50 \times 2.0 \times 0.15 = 3.15 \text{ "}$$

(Continuation)

$$\text{Total} = 87.07 \text{ M}^3$$



Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
					B.F. Quantity = 87.57 m <sup>3</sup>
1	11.0	2.0	0.15		= 4.95 ..
3	1.0	1.0	0.15		= 0.45 ..
1	12.0	2.80	0.15		= 5.04 ..
3	30.0	2.50	0.15		= 33.75 ..
2	15.0	2.50	0.10		= 7.50 ..
1	10.0	2.75	0.10		= 2.75 ..
1	5.0	2.0	0.10		= 1.00 ..
1	20.0	3.0	0.10		= 6.00 ..
2	1.0	1.0	0.10		= 1.00 ..
3	5.0	2.0	0.15		= 4.50 ..
2	10.0	2.0	0.15		= 9.00 ..

$$2 \times 7.00 \times 3.00 \times 0.15 = 6.30 ..$$

169.30 m<sup>3</sup>

Signature  
22/09/2021

J.E.

2.31  
3/9/2021

(Continuation)

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	

Abstract of Cost

① Const. of U.S.R. p/v by  
grading- $\bar{U}$  etc

169.30 m<sup>3</sup> vide TMS P-2

@ Rs. 2236.82/m<sup>3</sup> — Rs. 395624/-

Rs. 395624.00

Add (12% GST + 1% Labour  
cost) = 13% — Rs. 51421.00

Rs. 447055.00

Seigniorage fee @ 10% —

② U.S.R. Grading- $\bar{U}$  169.30 m<sup>3</sup>

@ Rs. 720.96/m<sup>3</sup> x 10% = Rs. 12206/-

Rs. 459261.00

Y/H  
15/12/24  
9.7.7.  
J.E.

Material statement

(1) Metal — 120.00 m<sup>3</sup>

(2) Local sand — 86.68 m<sup>3</sup>

Y/H  
15/12/24  
9.7.7.  
J.E.

(Continuation)

रिपोर्ट

SL. No	Name Of District	Name of Work Division	Road Name	Head/ Scheme	Road Status (Complete/ Ongoing)	Whether is in Maintenance Period(Y/N)	Length Of The Road (KM)	Length Of Damaged Part Due To Flood	Amount Of Restoration	Remarks
1	2	3	4	5	6	7	8	9	10	11
1			NH-80 To Bhawalpur		Complete	No	1.57	300M	2.29 Lacs	
2			REO Road Haridaspur To Dildarpur		Complete	Yes	4	300M	1.5 Lacs	
3			REO Road To Raghupur		Complete	No	5.166	143M	6.3 Lacs	
4	Bhagalpur	Bhagalpur	L036 To Ganga Prasad	FDR	Complete	No	4.71	57M	2.12 Lacs	
5			RWD Road Makaulpur More To Bharat Resulpur		Complete	No	1.909	30M	1.90 Lacs	
6			NH-80 Near Champasula To Raghupur		Ongoing	Yes	3.9	403.5M	4.59 Lacs	

J.E  
RWD (Works) Division  
Bhagalpur  
Sub Division Nathnagar

10-11-2021  
RWD (Works) Division  
Bhagalpur  
Sub Division Nathnagar

Executive Engineer  
RWD (Works) Division  
Bhagalpur

# Rural Works Department, Works Division, Bhagalpur

## Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghapur

Length (Km) : 3.900



29/10/21  
J.C.

29/10.2021  
4.3.

29/10/21



# Rural Works Department, Works Division, Bhagalpur

## Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghapur

Length (Km) : 3.900



Latitude: 25.243998  
Longitude: 86.914233  
Elevation: 51.31±3 m  
Accuracy: 3.8 m  
Time: 11-02-2021 14:18



Latitude: 25.243355  
Longitude: 86.918524  
Elevation: 42.06±5 m  
Accuracy: 7.1 m  
Time: 11-02-2021 14:20

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29/10/21



# Rural Works Department, Works Division, Bhagalpur

## Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghapur

Length (Km) : 3.900



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29/10/21

# Rural Works Department, Works Division, Bhagalpur

## Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghapur

Length (Km) : 3.900



29/10/21  
I.E.

21/11/21



# Rural Works Department, Works Division, Bhagalpur

## Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghobpur

Length (Km) : 3.900



29/10/24  
J.E.

2/11/24

# Rural Works Department, Works Division, Bhagalpur

## Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghopur

Length (Km) : 3.900



29/10/22  
J.E.

**Rural Works Department, Works Division, Bhagalpur**

**Photographs of Flood affected Road**

**Name of Road : NH80 near Champanala to Raghapur**

**Length (Km) : 3.900**



29/10/21  
J.E.

29/10/21