



ग्रामीण कार्य विभाग



(बिहार सरकार)

क्षतिग्रस्त पथ का नाम

Khopa Chowk NH-57 to Saini
Maini

(Estimated Cost:-^{6,57,180 L.}~~12.61939~~ Lakh)

ग्रामीण कार्य विभाग,
कार्य प्रमंडल- फुलपरास।

प्रखंड- फुलपरास

Inspection Report for Flood Damaged Work in the year 2021-22

Date of Inspection :- 28.4.22 Name Of PIU:-RWD, Works Division, Benipatti
Name of Block :- Phalparas
Name of Road :- Khopa Chowk NH 57 to Sauri Maini
For Road :-

1. Damage Location/ Chainage :- 100 - 9788 mtr
2. Damage Length :- 304 mtr
3. Nature of Damage :- pats due to Rain.

4. Details of Restoration Works :-

- i. Material being used in Restoration Works :- Brick bats.
- ii. Equipment's/ Tools being used in Restoration Works :- Tractor
- iii. Procedure taken up in Restoration Works :- Brick bat filling.
- iv. Restored Length 304 mtr, Restored Qty - 115.21 M³

Remarks :- Satisfactory

Signature of JE/AE

28.4.22
JE

28.4.22
AE

Signature of E.E

28.4.22

Detailed estimate For restoration of road From Khopa Chowk
NH 57 to Saini Maini Under FDR 2021.

Abstract Of Cost.

1. Restoration of Road embankment using Brick Bats.....etc....

290.97 m^3
~~558.73~~ $\text{m}^3 @ \text{Rs. } 1907.42/\text{m}^3 = \text{Rs. } \underline{10,65,733.00}$ ^{5,55,000.00}
 Add GST 12% = Rs. ~~1,27,888.00~~ ^{66,600.00}
 Add LC 1% = Rs. ~~10,657.00~~ ^{55,500.00}
 $S. \text{ Fee } 558.73 @ 1032/\text{m}^3 \times 10\% = \text{Rs. } \underline{57,661.00}$ ^{30,028.00}
 Total = Rs. ~~12,61,939.00~~
 $\underline{6,57,180.00}$

JE
 12.11.21

JE
 21.11.21

331
 21/11/21

आ.न.पालम अभियंता, रा.क. वि. वि. कार्यालय, पटना-855 (आ.गु) दिनांक-29/04/2022 को जारी पत्र -
 Technically Sanctioned for Rs - 6,57,180.00 (Rupees
 Six lacs Fifty Seven thousand One hundred Eighty only

Superintending Engineer
RWD Work Circle, Darbhanga
Abhiman
05/05/22

①

Detailed Estimate For Restoration of Road from Khopa Chowk NH 5
to Saini Maini

FDR 2021-2022

Chainage	NOs	Length	Breath	Depth	Quantity	
Ch- 100 - 103 M	1	3.0m	1.25	$\frac{0.1 \times 0.75}{0.250 + 0.300}$	1.0342	0.33 M
" 105 - 108 M	1	3.0m	1.10	$\frac{0.1 \times 0.2}{0.200 + 0.300}$	0.834	0.50
" 150 - 153 M	1	3.0m	1.10	$\frac{0.075 \times 0.1}{0.200 + 0.300}$	0.834	0.29
" 200 - 208 M	1	8.0m	1.00	$\frac{0.1 \times 0.15}{0.200 + 0.300}$	2.004	1.00
" 250 - 258 M	1	8.0m	1.20	$\frac{0.200 + 0.300}{2}$	2.40	
" 350 - 354 M	1	4.0m	1.10	$\frac{0.150 + 0.250}{2}$	0.88	0.55
"	1	3.0m	1.00	$\frac{0.200 + 0.300}{2}$	0.75	
" 400 - 404 M	1	4.0m	1.50	$\frac{0.1 \times 0.2}{0.200 + 0.350}$	1.50	0.90
" 450 - 456 M	1	6.0m	1.00	$\frac{0.1 \times 0.2}{0.200 + 0.300}$	1.50	0.53
" 550 - 555 M	2	5.0m	1.00	$\frac{0.1 \times 0.15}{0.150 + 0.250}$	2.00	1.25
" 590 - 592 M	1	2.0m	3.80 2.8	$\frac{0.1 \times 0.2}{0.300 + 0.400}$	2.66	0.84
" 620 - 622 M	1	2.0m	3.75 3.0	$\frac{0.1 \times 0.15}{0.300 + 0.400}$	2.63	0.75
" 660 - 664 M	1	4.0m	1.20	$\frac{0.15 \times 0.05}{0.200 + 0.300}$	1.20	0.54
" 670 - 676 M	2	6.0m	0.700	$\frac{0.1 \times 0.25}{0.200 + 0.300}$	2.10	1.47
" 710 - 745 M	1	35.0m	$\frac{3.00 + 1.40}{2}$	$\frac{0.103 \times 0.52}{0.300 + 0.600 + 0.300}$	58.80	25.20
" 840 - 845 M.	1	5.0m	1.10	$\frac{0.1 \times 0.15}{0.200 + 0.300}$	1.38	0.69
" 900 - 903 M	1	3.0m	1.20	$\frac{0.1 \times 0.2}{0.200 + 0.300}$	0.90	0.54
" 910 - 912 M	1	3.0m	1.20	$\frac{0.200 + 0.300}{2}$	0.90	
" 930 - 935 M	1	5.0m	1.10	$\frac{0.1 \times 0.2}{0.200 + 0.300}$	1.38	0.83
" 1000 - 1004 M	1	4.0m	1.00	$\frac{0.1 \times 0.2}{0.200 + 0.300}$	1.00	0.60
" 1010 - 1012 M	1	2.0m	$\frac{3.5}{4.00}$	$\frac{0.1 \times 0.2}{0.300 + 0.400}$	2.80	1.05
" 1100 - 1103 M	1	3.0m	1.10	$\frac{0.200 + 0.300}{2}$	0.83	
" 1103 - 1116 M.	1	13.0m	1.20	$\frac{0.1 \times 0.15}{0.200 + 0.300}$	3.90	1.95

94-20113 39.81

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Bunipathi

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Detailed Estimate For Restoration of Road from Khopa chawk NH 57 to Saini Maini

FDR 2021-2022 B.F. 37.81

Chainage	NOs	Length	Breath	Depth	Quantity	
Ch. 1310 - 1313 M	1	3.0	4.00 ^{3.5} 3.5	$\frac{0.15 \times 0.20 \times 0.10}{0.250 + 0.350 + 0.100}$	3.40 m ³	1.58
" 1400 - 1406 M	2	6.0	1.10	$\frac{0.15 \times 0.2 \times 0.2}{0.250 + 0.350}$	3.63	2.31
" 1480 - 1484 M	1	4.00	1.25	$\frac{0.1 \times 0.2 \times 0.2}{0.200 + 0.300}$	1.38	0.75
" 1770 - 1774 M	2	2.00	3.0 4.00	$\frac{0.15 \times 0.200}{0.15 + 0.2}$	4.20	2.10
" 1900 - 1907 M	1	7.00	1.10	$\frac{0.15 \times 0.250 \times 0.250}{2}$	2.31	1.35
" 2600 - 2602 M	1	2.00	4.00 3.00	$\frac{0.300}{0.1 \times 0.1 \times 0.10}$	2.40	0.60
" 2800 - 2802 M	1	2.0	3.10 4.00	$\frac{0.300 + 0.400 + 0.300}{0.1 \times 0.1 \times 0.1}$	2.67	0.72
" 2920 - 2928 M	1	8.0	$\frac{1.20}{2.00}$	$\frac{0.1 \times 0.2 \times 0.15}{0.200 + 0.300}$	2.40	1.20
" 3000 - 3010 M	1	10.0	1.10	$\frac{0.1 \times 0.2 \times 0.095}{0.250 + 0.300}$	3.03	0.96
" 3060 - 3070 M	2	4.00	$\frac{3.15}{1.10}$	$\frac{0.175 \times 0.2 \times 0.1}{0.300 + 0.400 + 0.300}$	2.61	
" 3075 - 3100 M	1	25.0	$\frac{3.15 \times 4.00}{4.00 + 4.00}$	$\frac{0.15 \times 0.3 \times 0.2}{0.200 + 0.300}$	37.58	19.38
" 3160 - 3168 M	2	4.00	1.00	$\frac{0.1 \times 0.15}{0.200 + 0.300}$	2.00	1.00
" 3172 - 3180 M	1	10.00	4.00 3.5	$\frac{0.1 \times 0.2 \times 0.15}{0.300 + 0.400 + 0.300}$	13.33	4.08
" 3190 - 3194 M	2	4.00	1.00	$\frac{0.1 \times 0.3 \times 0.2}{0.200 + 0.300}$	2.00	1.20
" 3220 - 3222 M	1	2.00	4.00 3.0	$\frac{0.15 \times 0.2 \times 0.20}{0.300 + 0.400}$	2.80	1.05
" 3230 - 3270 M	1	40.0	1.10	$\frac{0.1 \times 0.2 \times 0.2}{0.200 + 0.300}$	11.00	6.60
R.H.S.	1	7.00	1.00	$\frac{0.1 \times 0.15}{0.200 + 0.300}$	1.75	0.88
"	2	3.00	1.00	$\frac{0.1 \times 0.2 \times 0.2}{0.200 + 0.300}$	1.50	0.90
" 3310 - 3320 M	1	10.0	1.10	$\frac{0.075 \times 0.2 \times 0.2}{0.200 + 0.300}$	2.75	1.50
" 3400 - 3408 M	1	8.0	1.50	$\frac{0.075 \times 0.2 \times 0.1}{0.200 + 0.300}$	3.00	1.05
" 3600 - 3603 M	2	3.00	1.10	$\frac{0.075 \times 0.2 \times 0.1}{0.200 + 0.300}$	1.32	0.83
" 3620 - 3623 M	1	3.00	3.50 4.00	$\frac{0.1 \times 0.1}{0.300}$	3.60	1.05
" 3800 - 3810 M	1	10.0	2.0 3.4	$\frac{0.02 \times 0.250 \times 0.3}{0.300 + 0.400 + 0.300}$	13.67	8.00

219.13 m³

98.92

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EE Banipath

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Detailed Estimate For Restoration of Road from Khopa Chowk NH 5
to Saini Main FDR 2021-2022 BC

Chainage	NOs	Length	Breath	Depth	Quantity
Ch. 4340 - 4345M	1	5.0	1.10	$\frac{0.1 \times 0.2}{0.200 + 0.300} \times 2$	1.38M ³
" 4400 - 4403M	1	3.0	1.10	$\frac{0.1 \times 0.2}{0.200 + 0.300} \times 2$	0.83
" 4410 - 4412M	1	2.0	1.10	$\frac{0.1 \times 0.2}{0.200 + 0.300} \times 2$	0.55
" 4520 - 4530M	2	10.0	1.00	$\frac{0.15 \times 0.1}{0.200 + 0.300} \times 2$	5.00
" 4610 - 4615M	1	5.0	3.80 3.6	$\frac{0.1 \times 2 \times 0.1}{0.200 + 0.300} \times 2$	6.33
" 4620 - 4632M	1	12.0	1.20	$\frac{0.1 \times 3 \times 0.2}{0.200 + 0.300} \times 2$	3.60
" 4660 - 4662M	1	2.0	2.50 + 1.50 + 3	$\frac{0.15 \times 2 \times 0.1}{0.200 + 0.300} \times 2$	32.34
" 4670 - 4700M	1	30.0	3.80 + 4.20	$\frac{0.1 \times 3 \times 0.2}{0.200 + 0.300} \times 2$	42.00
" 4715 - 4718M	2	3.00	1.20	$\frac{0.1 \times 3 \times 0.2}{0.200 + 0.300} \times 2$	1.80
" 4800 - 4803M	2	3.00	1.20	$\frac{0.1 \times 2 \times 0.15}{0.200 + 0.300} \times 2$	1.38
" 4825 - 4835M	1	10.0	3.5	$\frac{0.1 \times 2 \times 0.15}{0.200 + 0.300} \times 2$	13.33
" 4860 - 4870M	1	30.0	1.10	$\frac{0.1 \times 3 \times 0.2}{0.200 + 0.300} \times 2$	8.25
" 4980 - 4983M	1	3.00	3.80	$\frac{0.15 \times 2 \times 0.15}{0.200 + 0.300} \times 2$	3.80
" 5000 - 5020M	1	20.0	1.20	$\frac{0.1 \times 3 \times 0.2}{0.200 + 0.300} \times 2$	6.00
" 5030 - 5040M	1	10.0	1.10	$\frac{0.1 \times 2 \times 0.15}{0.200 + 0.300} \times 2$	2.48
" 5130 - 5132M	1	2.0	1.50	$\frac{0.15 \times 2 \times 0.2}{0.200 + 0.300} \times 2$	0.75
" 5220 - 5225M	1	5.0	4.0 + 4.20	$\frac{0.1 \times 2 \times 0.15}{0.200 + 0.300} \times 2$	7.18
" 5290 - 5293M	2	3.00	1.00	$\frac{0.15 \times 2}{0.200 + 0.300} \times 2$	1.35
" 5300 - 5320M	1	20.0	1.40	$\frac{0.150 + 0.300}{2}$	6.30
" 5320 - 5328M	2	8.0	1.00	$\frac{0.150 + 0.250}{2}$	3.20
" 5400 - 5402M	2	2.0	1.10	$\frac{0.150 + 0.250}{2}$	0.88
" 5420 - 5423M	1	3.0	3.0	$\frac{0.1 \times 2 \times 0.2}{0.200 + 0.300} \times 2$	2.25

370.11M³ 175.76

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Detailed Estimate For Restoration of Road from Khopa Chowk NH 57
to Saini Maini FDR 2021-2022

Chainage	NOs	Length	Breath	Depth	Quantity
CA. 5500 - 5504 M	1	4.0 m	1.20	$\frac{0.250 + 0.350}{2}$	1.32
R.H.S	1	2.0 m	1.20	$\frac{0.250 + 0.350}{2}$	0.54
5530 - 5560 M	1	10.0	$\frac{3.80 + 4.20}{2}$	$\frac{0.250 + 0.350}{3}$	8.12
5600 - 5602 M	2	2.00	1.10	$\frac{0.150 + 0.250}{2}$	0.28
5620 - 5630 M	1	10.00	1.20	$\frac{0.200 + 0.300}{2}$	1.80
5750 - 5755 M	1	5.00	$\frac{3.80 + 4.00}{2}$	$\frac{0.300 + 0.400}{2}$	4.85
5755 - 5758 M	1	3.00	1.20	$\frac{0.150 + 0.250}{2}$	0.63
6020 - 6023 M	1	3.00	1.10	$\frac{0.200 + 0.300}{2}$	0.495
6030 - 6040 M	1	10.00	1.20	$\frac{0.250 + 0.350}{2}$	2.10
6210 - 6212 M	1	2.00	1.20	$\frac{0.150 + 0.250}{2}$	0.66
6300 - 6305 M	1	5.00	$\frac{3.60 + 4.00}{2}$	$\frac{0.350 + 0.400 + 0.300}{2}$	6.38
6320 - 6323 M	1	3.00	1.20	$\frac{0.250 + 0.350}{2}$	0.63
6480 - 6483 M	1	3.00	1.10	$\frac{0.200 + 0.300}{2}$	0.66
6500 - 6506 M	1	6.00	1.10	$\frac{0.150 + 0.250}{2}$	1.155
6600 - 6605 M	1	5.00	$\frac{3.80 + 4.20}{2}$	$\frac{0.300 + 0.400 + 0.300}{3}$	5.10
6900 - 6913 M	1	13.0	1.20	$\frac{0.200 + 0.300}{2}$	3.90
6940 - 6942 M	2	2.00	1.10	$\frac{0.150 + 0.250}{2}$	0.88
6948 - 6950 M	2	2.00	1.20	$\frac{0.150 + 0.250}{2}$	0.72
7100 - 7105 M	1	5.00	1.20	$\frac{0.150 + 0.300}{2}$	0.05
R.H.S.	1	2.00	1.00	$\frac{0.200 + 0.300}{2}$	0.50
7170 - 7182 M	1	12.00	1.20	$\frac{0.150 + 0.300}{2}$	3.25
7200 - 7203 M	1	3.00	1.20	$\frac{0.150 + 0.300}{2}$	0.63

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Detailed Estimate For Restoration of Road from Khopa Chowk NH 57
to Seini Maini FDR 2021-2022

Chainage	NOs	Length	Breath	Depth	Quantity
Ch- 7350 - 7398M	2	$\frac{25.5}{25.0}$ 25.0	$\frac{3.80 + 4.20}{2}$ 3.75	$\frac{0.200 + 0.500 + 0.250}{3}$ 0.15	$\frac{63.2170}{33.37}$ 2.695
" 7700 - 7707M	2	7.0	1.10	$\frac{0.15 + 0.30}{2}$ 0.225	3.85
" 7758 - 7760M	2	2.0	1.10	$\frac{0.1 + 0.2}{2}$ 0.15	1.10 0.66
" 7800 - 7830M	1	30m	1.25	$\frac{0.1 + 0.2}{2}$ 0.15	2.38 5.625
" 8000 - 8008M	1	8.0	$\frac{1.30 + 1.90}{2}$ 1.60	$\frac{0.2 + 0.4}{2}$ 0.3	5.78 3.84
" R.H.S	1	7.0	$\frac{1.20 + 1.30}{2}$ 1.25	$\frac{0.2 + 0.5}{2}$ 0.35	3.38 3.675
" 8100 - 8105M	1	5.0	$\frac{1.20 + 1.80}{2}$ 1.50	$\frac{0.2 + 0.4}{2}$ 0.3	3.75 2.25
" 8500 - 8504M	1	4.0	$\frac{1.10 + 1.60}{2}$ 1.35	$\frac{0.2 + 0.4}{2}$ 0.3	2.70 1.89
" 8550 - 8553M	1	3.0	1.10	$\frac{0.1 + 0.2}{2}$ 0.15	2.83 0.495
" 8790 - 8793M	1	3.0	$\frac{1.10 + 1.60}{2}$ 1.35	$\frac{0.2 + 0.3}{2}$ 0.25	2.23 1.01
" 8830 - 8835M	1	5.0	1.50	$\frac{0.200 + 0.300}{2}$ 0.25	1.50
" 9225 - 9230M	1	5.0	1.20	$\frac{0.250 + 0.350}{2}$ 0.3	1.80 1.20
" R.H.S	2	2.0	1.00	$\frac{0.200 + 0.300}{2}$ 0.25	1.00
" 9400 - 9402M	2	2.0	1.10	$\frac{0.150 + 0.250}{2}$ 0.2	0.88
" 9440 - 9450M	1	10.0	1.50	$\frac{0.150 + 0.350}{2}$ 0.25	3.75
" 9600 - 9603M	1	3.00	1.20	$\frac{0.250 + 0.300}{2}$ 0.275	2.97 0.81
" 9630 - 9650M	1	20.0	$\frac{1.10 + 1.40}{2}$ 1.25	$\frac{0.200 + 0.400}{2}$ 0.3	2.50 6.25
" 9700 - 9710M	1	10.0	$\frac{1.50 + 1.80}{2}$ 1.65	$\frac{0.200 + 0.500}{2}$ 0.35	6.60
" R.H.S	1	5.0	1.50	$\frac{0.200 + 0.300}{2}$ 0.25	1.88
" 9780 - 9783M	1	3.0	$\frac{3.80 + 4.20}{2}$ 4.0	$\frac{0.250 + 0.500 + 0.300}{3}$ 0.35	4.20
" 9785 - 9788M	1	3.0	1.50	$\frac{0.200 + 0.300}{2}$ 0.25	4.5 1.01
					175.76
					+ 115.21M
					290.97
					58.93
					Total -

Ldoo
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JR

350
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KIR

29.04.22
EE Banipathi

B.F

Verified & found correct.

Damaged length - 304.00 M.

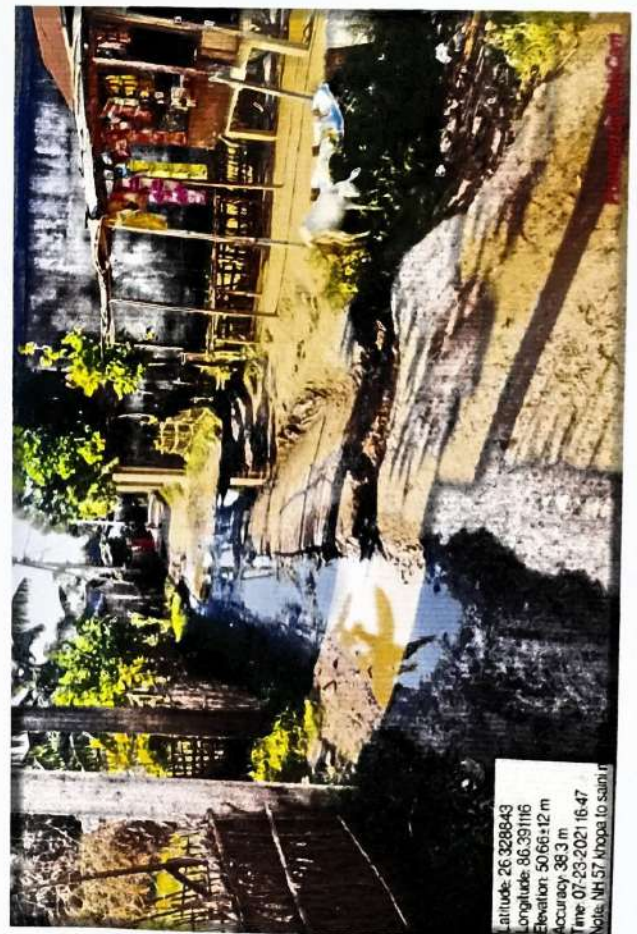
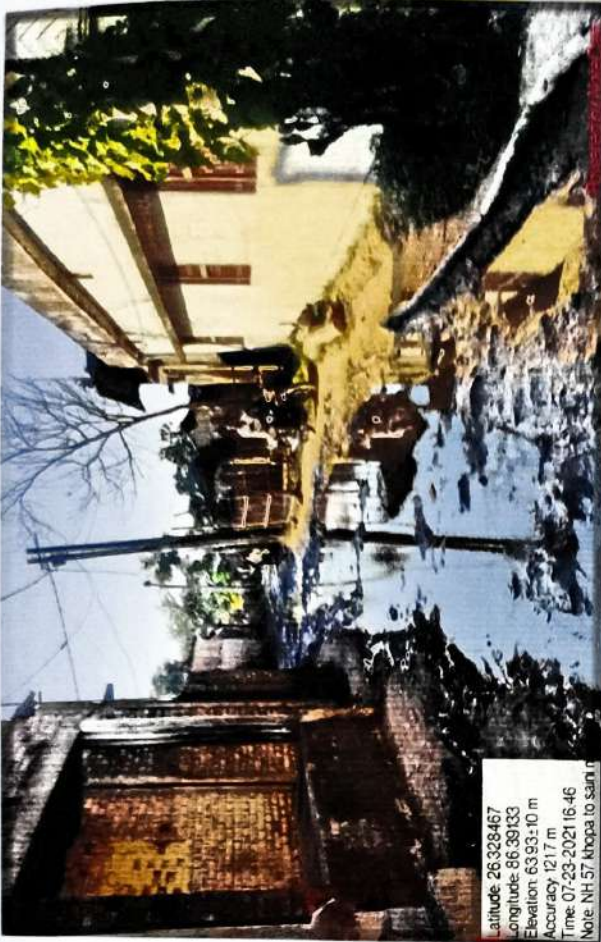
Restored quantity - 115.21 M.

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28/04/22
S.E

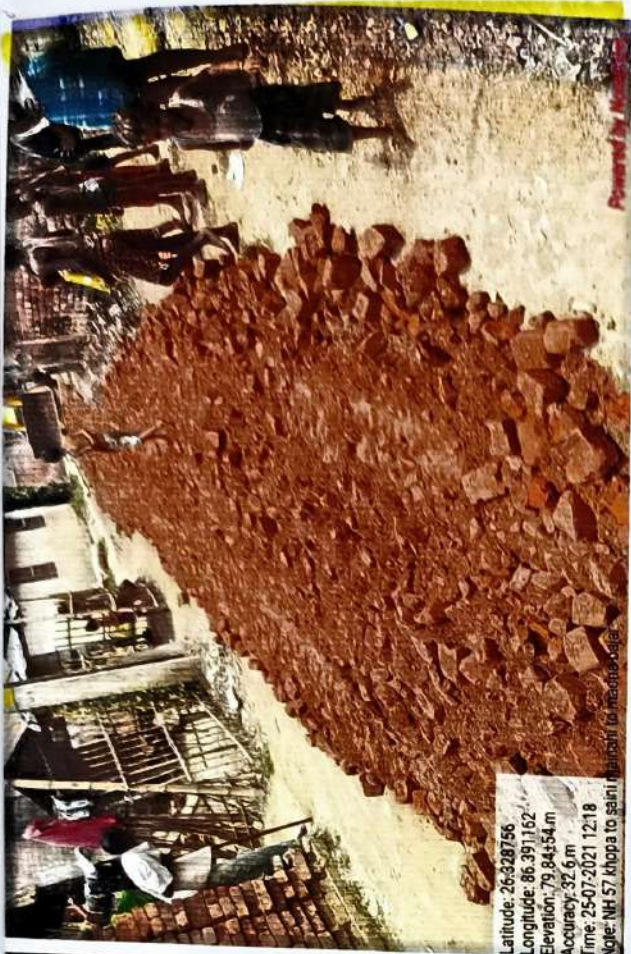
AS
28/4/22
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29.04.22
E.E
Bempath

Khopa Chowik NH-51 to Saini maini



Khopa Chowk NH-57 to Saini maini



Khopa chowk NH57 to saini -maini



Lidos
2.11.21 or