

HEAD :- 3054 MR (POSTFACTO)

Year 2019-20

**NAME OF ROAD :- CHANDANPATTI FAKIR TAKIA TO
PREMIWAR VIA KAMARON HIGH SCHOOL.**

Block:- Bahadurpur

Length of the Road:- 2.700 KM.

District:- Darbhanga

GENERAL ABSTRACT OF COST

Sl No.	Item of Work	Amount (in Rs.) As Per Estimate
1	EROSION CONTROL & EARTH WORK	17,89,999.00 18,16,726.88
2	SUB-BASES, BASES (NON- BITUMINOUS)	4,61,402.13 ✓
3	BASES AND SURFACE COURSES (BITUMINOUS)	31,55,965.52 ✓
5	MISCELLANEOUS & ROAD SIGNAGE	6,30,904.99 ✓
	Repairing Cost of Road:-	60,61,999.51 60,38,272.00
	GST 12%	7,27,799.91 7,24,593.00
	Labour Cess 1%	60,650.00 60,683.00
	Seigniorage Fee	57,962.17 57,572.00
	Contingency 1%	69,114.12
	Total cost of Project:-	69,80,526.04 Rs 68,80,820.00

S. Chakraborty
14.03.2020
Junior Engineer
Bahadurpur

R. K. Singh
14/3/2020
Asslt. Engineer
Bahadurpur

R. K. Singh
14.3.2020
Executive Engineer
R.W.D.(W) Division, Darbhanga-1

Post-facto T/A Rs 68,80,820.00 (Rupees Sixty eight lacs - eighty thousand eight hundred twenty) only.

14.3.2020
Superintending Engineer
RWD Works Circle, Darbhanga
20/04/2020

HEAD :- 3054 MR (POSTFACTO)

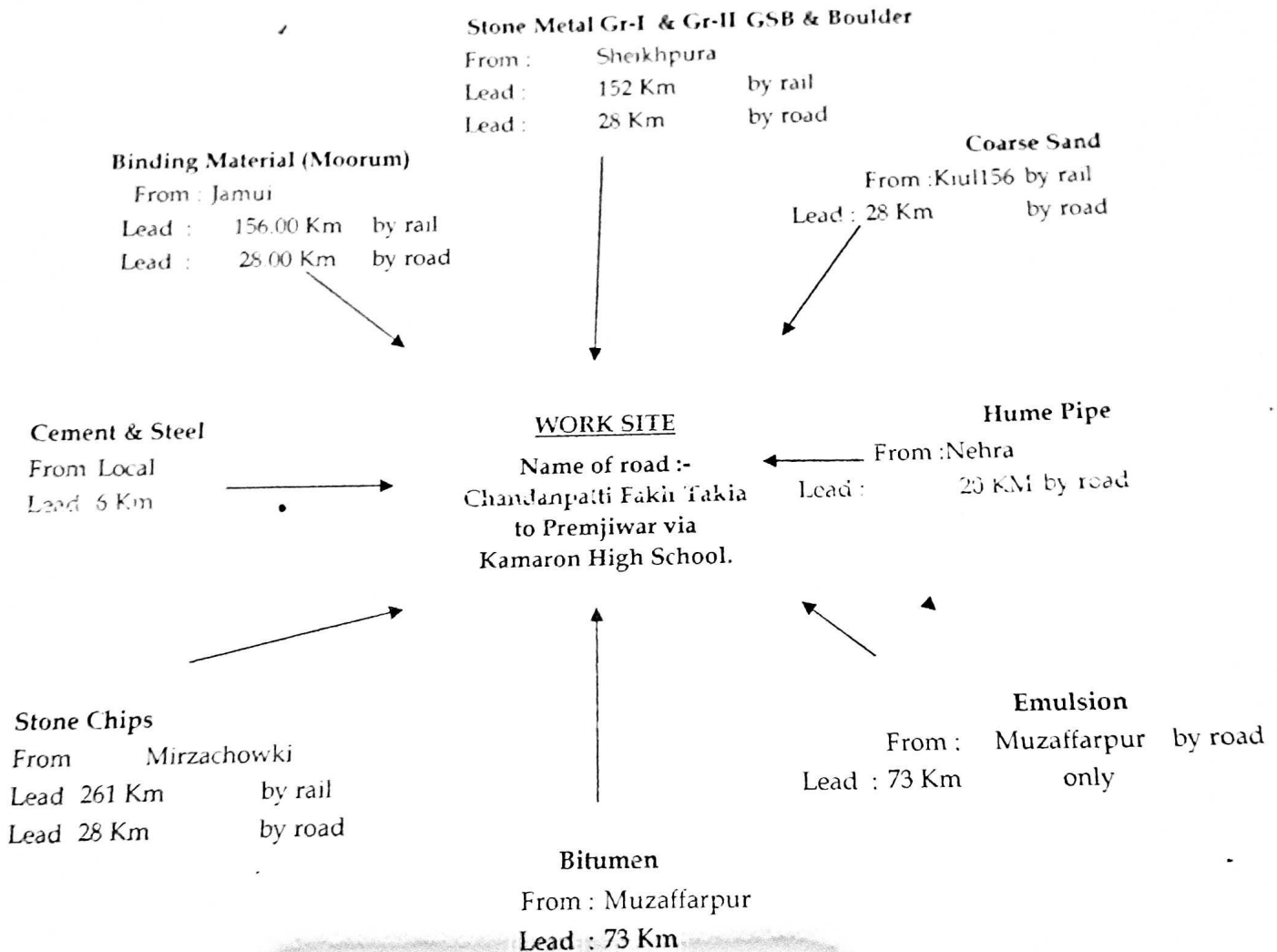
Year 2019-20

QUARRY CHART

Name of road :- Chandanpatti Fakir Takia to Premjiwar via Kameron High School.

Block:- Bahadurpur
District:- Darbhanga

Length of the Road:- 2.700 KM



* Subjected to Verification of Lead

G. Bahami
14.03.2020
Junior Engineer
Bahadurpur

14/3/2020
Assistant Engineer
Bahadurpur

14.3.2020
Executive Engineer
RWD Works Division Darbhanga-1

14.3.2020
Superintending Engineer
RWD Works Circle, Darbhanga

HEAD :- 3054 MR (POSTFACTO)

Year 2019-20

SDBC

Name of road :- Chandanpatti Fakir Takia to Premjiwar via Kamaron High School.

Length of the Road:-

2.700 Km

In 2nd KM	No.	Length	Surface Measurement				Area
			Width	Width	Av. Width	Thickness	
34	1	20.00	3.75	3.75	3.750	0.025	1.875
35	1	30.00	3.75	3.70	3.725	0.025	2.794
36	1	30.00	3.70	3.80	3.750	0.025	2.813
37	1	30.00	3.80	3.70	3.750	0.025	2.813
38	1	30.00	3.70	3.70	3.700	0.025	2.775
39	1	30.00	3.70	3.75	3.725	0.025	2.794
40	1	30.00	0.00	3.70	1.850	0.025	1.388
41	1	30.00	3.70	3.80	3.750	0.025	2.813
42	1	30.00	3.80	3.75	3.775	0.025	2.831
43	1	30.00	3.75	3.75	3.750	0.025	2.813
44	1	30.00	3.75	3.75	3.750	0.025	2.813
45	1	30.00	3.75	3.75	3.750	0.025	2.813
46	1	30.00	3.75	3.75	3.750	0.025	2.813
47	1	30.00	3.75	3.80	3.775	0.025	2.831
48	1	30.00	3.80	3.75	3.775	0.025	2.831
49	1	30.00	3.75	3.80	3.775	0.025	2.831
50	1	30.00	3.80	3.80	3.800	0.025	2.850
51	1	30.00	3.80	3.85	3.825	0.025	2.869
52	1	30.00	3.85	3.80	3.825	0.025	2.869
53	1	30.00	3.80	3.80	3.800	0.025	2.850
54	1	30.00	3.80	3.80	3.800	0.025	2.850
55	1	30.00	3.80	3.75	3.775	0.025	2.831
56	1	30.00	3.75	3.75	3.750	0.025	2.813
57	1	30.00	3.75	3.75	3.750	0.025	2.813
58	1	30.00	3.75	3.75	3.750	0.025	2.813
59	1	30.00	3.75	3.85	3.800	0.025	2.850
60	1	30.00	3.85	3.75	3.800	0.025	2.850
61	1	30.00	3.75	3.85	3.800	0.025	2.850
62	1	30.00	3.85	3.80	3.825	0.025	2.869
63	1	30.00	3.80	3.80	3.800	0.025	2.850
64	1	30.00	3.80	3.80	3.800	0.025	2.850
65	1	30.00	3.80	3.85	3.825	0.025	2.869
66	1	30.00	3.85	3.85	3.850	0.025	2.888
67	1	20.00	3.85	3.75	3.800	0.025	1.900
		1000.00					92.969
	1	7.00	11.60	4.00	7.800	0.025	1.365
							94.334

Junior Engineer
Bahadurpur

Asstt. Engineer
Bahadurpur

Executive Engineer
R.W.D.(W) Division, Darbhanga-1

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SDBC

Name of road :- Chandanpatti Fakir Takia to Premjiwar via Kamaron High School.

Length of the Road:-

2.700 Km

In 3rd KM	No.	Length	Surface Measurement		Av. Width	Thickness	Area
			Width	Width			
67	1	10.00	3.75	3.80	3.775	0.025	0.944
68	1	30.00	3.80	3.75	3.775	0.025	2.831
69	1	30.00	3.75	3.75	3.750	0.025	2.813
70	1	30.00	3.75	3.75	3.750	0.025	2.813
71	1	30.00	3.75	3.75	3.750	0.025	2.831
72	1	30.00	3.75	3.80	3.775	0.025	2.831
73	1	30.00	3.80	3.75	3.775	0.025	2.813
74	1	30.00	3.75	3.75	3.750	0.025	2.813
75	1	30.00	3.75	3.75	3.750	0.025	2.831
76	1	30.00	3.75	3.80	3.775	0.025	2.813
77	1	30.00	3.80	3.70	3.750	0.025	2.794
78	1	30.00	3.70	3.75	3.725	0.025	2.831
79	1	30.00	3.75	3.80	3.775	0.025	2.850
80	1	30.00	3.80	3.80	3.800	0.025	2.850
81	1	30.00	3.80	3.80	3.800	0.025	1.170
82	1	12.00	3.80	4.00	3.900	0.025	1.060
82	1	8.00	4.00	6.60	5.300	0.025	42.699
		450.00					
82	0						
			Part 2nd				
83	1	5.00	6.75	4.55	5.650	0.025	0.706
83	1	8.00	4.55	3.75	4.150	0.025	0.330
84	1	17.00	3.75	3.80	3.775	0.025	1.604
85	1	30.00	3.80	3.75	3.775	0.025	2.831
86	1	30.00	3.75	3.75	3.750	0.025	2.813
87	1	23.00	3.75	3.80	3.775	0.025	2.171
87	1	7.00	3.80	3.80	3.800	0.025	0.665
88	1	30.00	3.80	3.75	3.775	0.025	2.831
89	1	30.00	3.75	3.75	3.750	0.025	2.813
90	1	30.00	3.75	3.75	3.750	0.025	2.813
	1	3.10	3.75	3.75	3.750	0.025	0.291
		213.10					20.367

	Length	Quantity
1st KM	1000.000	93.447
Link	2.05	0.466
2nd KM	1000.000	92.909
Link	7.00	1.565
3rd KM	450.000	42.699
Part 2nd	213.100	20.367
Total	2672.150	

Junior Engineer
Bahadurpur

Asstt. Engineer
Bahadurpur

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

HEAD :- 3054 MR (POSTFACTO)
Year 2019-20
SDBC

Name of road :- Chandanpatti Fakir Takia to Premjiwar via Kamaron High School.

Length of the Road:-

2.700 Km

In 3rd KM	No.	Length	<u>Surface Measurement</u>		Av. Width	Thickness	Area
			Width	Width			
67	1	10.00	3.75	3.80	3.775	0.025	0.944
68	1	30.00	3.80	3.75	3.775	0.025	2.831
69	1	30.00	3.75	3.75	3.750	0.025	2.813
70	1	30.00	3.75	3.75	3.750	0.025	2.813
71	1	30.00	3.75	3.75	3.750	0.025	2.831
72	1	30.00	3.75	3.80	3.775	0.025	2.831
73	1	30.00	3.80	3.75	3.775	0.025	2.813
74	1	30.00	3.75	3.75	3.750	0.025	2.813
75	1	30.00	3.75	3.75	3.750	0.025	2.831
76	1	30.00	3.75	3.80	3.775	0.025	2.813
77	1	30.00	3.80	3.70	3.750	0.025	2.794
78	1	30.00	3.70	3.75	3.725	0.025	2.831
79	1	30.00	3.75	3.80	3.775	0.025	2.850
80	1	30.00	3.80	3.80	3.800	0.025	2.850
81	1	30.00	3.80	3.80	3.800	0.025	1.170
82	1	12.00	3.80	4.00	3.900	0.025	1.060
82	1	8.00	4.00	6.60	5.300	0.025	42.699
		450.00					
82	0						
			Part 2nd				
83	1	5.00	6.75	4.55	5.650	0.025	0.706
83	1	8.00	4.55	3.75	4.150	0.025	0.830
84	1	17.00	3.75	3.80	3.775	0.025	1.604
85	1	30.00	3.80	3.75	3.775	0.025	2.831
86	1	30.00	3.75	3.75	3.750	0.025	2.813
87	1	23.00	3.75	3.80	3.775	0.025	2.171
87	1	7.00	3.80	3.80	3.800	0.025	0.665
88	1	30.00	3.80	3.75	3.775	0.025	2.831
89	1	30.00	3.75	3.75	3.750	0.025	2.813
90	1	30.00	3.75	3.75	3.750	0.025	2.813
	1	3.10	3.75	3.75	3.750	0.025	0.291
		213.10					20.367

	Length	Quantity
1st KM	1000.000	93.447
Link	2.05	0.468
2nd KM	1000.000	92.969
Link	7.00	1.365
3rd KM	450.000	42.699
Part 2nd	213.100	20.367
Total	2672.150	251.314

[Signature]
 14.03.2020
 Junior Engineer
 Bahadurpur

[Signature]
 14/3/2020
 Asstt. Engineer
 Bahadurpur

[Signature]
 Executive Engineer
 R.W.D.(W) Division, Darbhanga-1

HEAD :- 3054 MR (POSTFACTO) Year 2019-20

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Name of road :- Chandanpatti Fakir Takia to Premjiwar via Kamaron High School.

Length of the Road:- 2.700 Km

Earth Work Calculation By Graph

Station / Chainage	C/S Area (in) sqm	Mean C/S Area in sqm	Length (in) m)	Quantity (in cum)
0	0.095			
50	0.184	0.1395		6.975
100	2.484	1.3340	50.00	66.700
150	0.135	1.3095	50.00	65.475
200	0.236	0.1855	50.00	9.275
250	4.524	2.3800	50.00	119.000
300	1.972	3.2480	50.00	162.400
350	2.789	2.3805	50.00	119.025
400	2.389	2.5890	50.00	129.450
450	1.265	1.8270	50.00	91.350
500	3.355	2.3100	50.00	115.500
550	4.592	3.9735	50.00	198.675
600	2.425	3.5085	50.00	175.425
650	5.949	4.1870	50.00	209.350
700	4.755	5.3520	50.00	267.600
750	3.944	4.3495	50.00	217.475
800	6.926	5.4350	50.00	271.750
850	6.714	6.8200	50.00	341.000
900	7.188	6.9510	50.00	347.550
950	6.521	6.8545	50.00	342.725
1000	6.091	6.3060	50.00	315.300
1050	8.954	7.5225	50.00	376.125
1100	6.078	7.5160	50.00	375.800
1150	7.071	6.5745	50.00	328.725
1200	7.735	7.4030	50.00	370.150
1250	6.921	7.3280	50.00	366.400
1300	7.705	7.3130	50.00	365.650
1350	4.218	5.9615	50.00	298.075
1400	1.587	2.9025	50.00	145.125
1450	1.576	1.5815	50.00	79.075
1500	3.294	2.4350	50.00	121.750
1550	5.110	4.2020	50.00	210.100
1600	5.415	5.2625	50.00	263.125
1650	4.201	4.8080	50.00	240.400
1700	3.338	3.7695	50.00	188.475
1750	3.348	3.3430	50.00	167.150
1800	3.688	3.5180	50.00	175.900
1850	3.223	3.4555	50.00	172.775
1900	3.263	3.2430	50.00	162.150
1950	3.691	3.4770	50.00	173.850
2000	3.111	3.4010	50.00	170.050
2050	3.542	3.3265	50.00	166.325
2100	3.417	3.4795	50.00	173.975

P. K. K. K.
14.03.2020
2E

P. K. K. K.
19/3/2020
A-E

2150	3.974	3.6955		
2200	3.711	3.8425	50.00	184.775
2250	1.773	2.7420	50.00	192.125
2300	2.801	2.2870	50.00	137.100
2350	2.743	2.7720	50.00	114.350
2400	1.091	1.9170	50.00	138.600
2450	0.543	0.8170	50.00	95.850
2500	0.148	0.3455	50.00	40.850
2550	0.119	0.1335	10.00	3.455
2600	0.190	0.1545	50.00	6.675
2650	0.128	0.1590	50.00	7.725
2700	0.127	0.1275	50.00	7.950
Total			50.00	6.375
			2660.00	9598.980 M ³

[Signature]
14.03.2020

Junior Engineer
Bahadurpur

[Signature]
14/3/2020

Asstt. Engineer
Bahadurpur

[Signature]
14.3.20
Less GSB Qty :- 66.12 M³
WBM Gravel :- 98.164 M³
Net Qty = 9434.69 M³

Executive Engineer
R.W.D.(W) Division, Darbhanga-1