

संयुक्त स्थल निरीक्षण प्रतिवेदन।

कार्य प्रमण्डल का नाम	:—लखीसराय
शीर्ष	:—FDR
पथ का नाम	:—शीर्ष FDR(2245) अन्तर्गत एन0एच0-80 चिमनी भट्टा से साबिकपुर गाँव पथ में मरम्मति कार्य
पथ की लम्बाई	:—4.500 कि०मी०
मरम्मति हेतु पथ की लम्बाई	:—1.000 कि०मी०
प्राक्कलित राशि	:— 4.95 लाख

कार्य स्थल पर उपस्थित पदाधिकारीगण :-

1. ई० प्रमोद कुमार सिंह :—कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, शेखपुरा।
2. ई० अनिसुर रहमान :—कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, लखीसराय।
3. ई० महेश प्रसाद सिंह :—सहायक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, लखीसराय।
4. ई० रंजीत कुमार :—कनीय अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, लखीसराय।

अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मुंगेर के पत्रांक 1073 दिनांक 28.8.2020 के आलोक में कार्य प्रमण्डल, लखीसराय अधीन शीर्ष FDR (2245) अन्तर्गत एन0एच0-80 चिमनी भट्टा से साबिकपुर गाँव पथ में मरम्मति कार्य का निरीक्षण संबंधित कार्यपालक अभियंता के साथ किया गया। उक्त पथ की लम्बाई 4.500 कि०मी० है। उक्त पथ के बाढ़ से क्षतिग्रस्त भाग में गड्ढों में G.S.B डालकर आवागमन हेतु पथ में आकस्मिक मरम्मति का कार्य कराया गया है। पथ मरम्मति का कार्य गुणवत्ता के अनुरूप किया गया है। पथ का मरम्मति कार्य संतोषप्रद पाया गया।


(ई० अनिसुर रहमान)
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल लखीसराय।


(ई० प्रमोद कुमार सिंह)
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल शेखपुरा।



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR FDR(2245)

YEAR (2020 - 2021)



DISTRICT	:-	LAKHISARAI
BLOCK	:-	PIPARIYA LAKHISARAI
NAME OF ROAD	:-	RESTORATION OF WORK FROM CHIMNI BHATTA TO SABIKPUR ROAD
TOTAL LENGTH OF ROAD	:-	4.150 KM
TOTAL COST OF CONSTRUCTION INCLUDING 12% GST & 1% LABOUR CESS	:-	4.95 LAKH
COST OF ROAD CONSTRUCTION PER KM	:-	1.19 LAKH
TOTAL COST OF PROJECT	:-	4.95 LAKH
TOTAL PROJECT COST PER KM	:-	1.192 LAKH

SUBMITTED BY:
EXECUTIVE ENGINEER
RWD (W) DIVISION, LAKHISARAI
LAKHISARAI

TA COPY
WITH S.F.

FDR

YEAR (2020-21)

GENERAL ABSTRACT OF COST

Block:--PIPARIYA

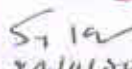
District:--LAKHISARAI

Length of Road:-- 4.150 KM

Name of Road:-- RESTORATION OF WORK FROM CHIMNI BHATTA TO
SABIKPUR ROAD

SL. No.	Item of Work	Amount
A	COST OF CONSTRUCTION	4.26 Lacs
	ADD 1% LABOUR CESS ON CONSTRUCTION COST	0.04 Lacs
	ADD 12% GST ON CONSTRUCTION COST	0.51 Lacs
	SEIGNIORAGE FEE 10% ON BASIC COST OF MINES MATERIAL	0.13 Lacs
	TOTAL COST OF CONSTRUCTION	4.95 Lacs
C	AVERAGE COST PER KM	1.19 Lacs
TOTAL COST INCLUDING 5YRS. MAINTENANCE		4.95 Lacs


20/11/2020
Junior Engineer
RWD (w) Division,
Lakhisarai


24/11/2020
Asstt. Engineer
RWD (w) Division, Lakhisarai


24/11/2020
Executive Engineer
RWD (w) Division,
Lakhisarai

Less CP @ 9.10% = 0.45
Say Rs. 4.95 Lacs
4.50 Lacs

Estimated Cost

Construction Cost: Rs. ~~4.50~~ ⁴⁸ ~~4.95~~ lakh

Ref. E.E. Letter No. 1430 ~~11~~ ¹⁸⁻¹²⁻²⁰²⁰

Technically Approved for Rs. 4.95 ~~4.50~~ lakh

(Rupees Four Lakh

ninety fifty thousand only,

for construction work ~~& 5 Years Maintenance~~

^{19/12/2020}
Superintending Engineer
Rural Works Department
Works Circle, Munger

[Signature]
19.12.2020

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD : RESTORATION OF WORK FROM CHIMNI BHATTA TO SABIKPUR ROAD

DISTRICT : LAKHISARAI
BLOCK : PIPARIYA

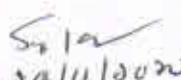
LENGTH OF ROAD (in Km) : 4.150
LENGTH OF BT PAVEMENT : 0.000
LENGTH OF CC PAVEMENT : 0.000

CD STRUCTURES
HUME PIPE : 3
RCC CULVERT : 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.33
2	EARTHWORK	0.00
3	GSB	3.93
4	BRICK BATS	0.00
5	CC PAVEMENT	0.00
6	HARD SHOULDERING	0.00
7	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO	0.00
8	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	0.00
II	RCC	0.00
III	BOX	0.00
IV	Utility Pipe (300 mm Dia)	0.00
V	DISMANTLING OF CD	0.00
VI	REPAIR OF CD WORK	0.00
	SUB TOTAL OF INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	4.26
	AVERAGE COST PER KM (IN LACS)=	1.03
	TOTAL COST OF PROJECT IN LACS =	4.26


20/11/2020
Junior Engineer

RWD (w) Division, Lakhisarai


24/11/2020
Assistant Engineer

RWD (w) Division, Lakhisarai


24/11/2020
Executive Engineer

RWD (w) Division,
Lakhisarai

Cost Estimate for Road Work

FORMAT

Sl. No.	SDH SL. NO.	MORD Ref. No.	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
SUB HEAD : PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING											
1	2.2	201 (I-A)	Clearing and grubbing Road Land (By manual means) including uprooting wild vegetation , grass bushes ,shrubs , saplings and trees of girth upto 300mm , removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification - clause 201.1 and direction of E/I	Ha	2	4,150.00	0.75		6,225.00 0.62	52,970.33	33,001.00
Sub Head : PAVEMENT LAYERS - GSB & WBM ITEMS											
2	4.1	401 (i)	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 ANNEXURE I	Cum					300.15 300.15	1,309.32	3,92,986.00
Net GSB Qty. Required form Grading II Material										TOTAL COST OF PAVEMENT IN RS. =	4,25,987.00


20/11/2020
Junior Engineer


30/11/2020
Assistant Engineer


24/11/2020
Executive Engineer

Name of work :-

RESTORATION OF WORK FROM CHIMNI
BHATTA TO SABIKPUR ROAD

ANNEXURE I

G.S.B

S.NO	K.M.	N0	Length	Width	Depth	Quan.
1	0 km to 1 km	1	50.00	3.75	0.10	18.75
2		1	20.00	3.75	0.10	7.50
3		1	200.00	3.75	0.10	75.00
4		1	5.00	2.00	0.10	1.00
5		1	7.50	2.50	0.10	1.88
6		1	12.00	3.05	0.10	3.66
7		4	5.00	2.50	0.10	5.00
8		12	6.00	1.50	0.10	10.80
9		1	8.00	2.00	0.10	1.60
10	1km to 1.3 km	1	7.50	2.50	0.10	1.88
11		1	4.50	2.00	0.10	0.90
12		1	3.75	3.00	0.10	1.13
13	2.30km to 3 km	1	15.00	2.50	0.10	3.75
14		15	8.00	2.00	0.10	24.00
15		20	1.50	1.50	0.10	4.50
16		10	2.00	1.50	0.10	3.00
17	3 km to 4.15 km	2	10.00	2.00	0.10	4.00
18		8	15.00	2.20	0.10	26.40
19		12	16.00	2.00	0.10	38.40
20		1	8.00	2.10	0.10	1.68
21		10	14.00	3.05	0.10	42.70
22		11	8.00	2.20	0.10	19.36
23		9	4.00	0.85	0.10	3.06
24		1	3.00	0.70	0.10	0.21
				Total		300.15

[illegible]

Name of Road : RESTORATION OF WORK FROM CHIMNI BHATTA TO SABIKPUR ROAD

Name of Road : RESTORATION OF WORK FROM CHIMNI BHATTA TO SABIKPUR ROAD																
Sl no	Description	Unit	Quantity	Material							YEAR WISE DETAILS					
				Earth	Crushed stone agg	crushed sand agg	Agg-37.5-2.5	agg 25-10	Agg-10-5	Agg below 5	stone dust	1ST	2ND	3RD	4TH	5TH
1	Pot hole patching- Treatment of isolated failed pavement areas in traffic lanes using appropriate materials to repair the defect and restore the riding surface to a smooth condition and Edge Repair - Repair of broken edge of seal to line and level to maintain nominal sealed width, with Mix Seal Surfacing	Sqm	0.00	0.00	0.00	0.00					0.000	0.000	0.000	0.000	0.000	
2	Surface Depression and Rut Patching Application of a levelling course of bituminous materials to depressed or rutted areas of pavement Repair of Pot holes filled with 75 mm BM X 1.25	Cum	0.00		0.00		0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	
3	Crack Sealing Filling of cracks and joints,excluding "crocodile" cracking using liquid bituminous sealants in accordance with monthly works program	M	0.00							0.00	0.000	0.000	0.000	0.000	0.000	
4	Surface Treatment Application of bituminous surface materials and cover aggregate ares of pavement with- (a) Loss of aggregate(surface ravelled) (b) bleeding and flushing, or (c) Laminated asphalt surface, Patch repair over bituminous surface with 20 mm Premix carpet with seal coat Type B	Sqm	0.00	0.00	0.00						0.000	0.000	0.000	0.000	0.000	

Sl no	Description	Unit	Quantity	Material							YEARWISE DETAILS				
				Earth	Crushed stone agg	crushed sand agg	Agg. 0.75-25	agg. 2.5-10	Agg. 10-5	Add below %	stone dust	1ST	2ND	3RD	4TH
5	Digout Repair Treatment of isolated failed pavement areas>0.25m3 by replacement with new material or improvement of existing material,including reinstatement of road surface. Repair of Pot holes filled with 75 mm BM X 1.25	Cum	0.00				0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	
6	Repair of concrete pavement Repair isolated areas of damaged concrete pavement <0.25m2 patching with 20 mm thick premix carpet with seal coat Type B seal coat Type B	Sqm	0.00		0.00					0.00	0.000	0.000	0.000	0.000	
7	Unsealed Shoulder Repair Making up the irregularities/loss material on shoulder to design level/profit/ Making up of Berms/shoulder. stripping excess soil from the shoulder surfaces to achieve level etc. (Qty=L*B*α2*β)*2	Sqm	0.00	0.00						0.00	0.000	0.000	0.000	0.000	
8	Embankment Repairs Restoration of Raincuts in the embankment and shoulder/Berms with soil,moorumetc	Cum	0.00	0.00						0.00	0.000	0.000	0.000	0.000	
	Total			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	