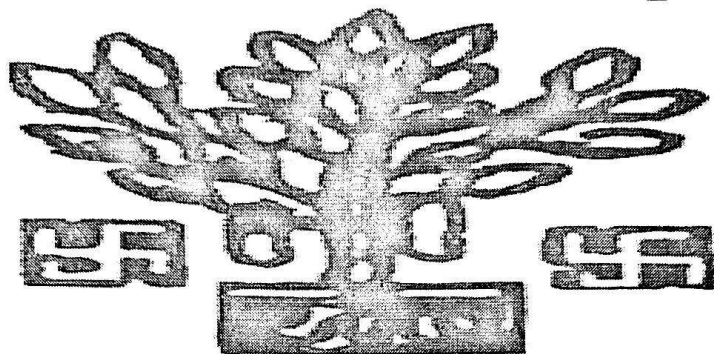


RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :- L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)

DISTRICT:-

Supaul

BLOCK :-

Kishanpur

FDR

Rs. 17567435.22

~~Rs. 18002677.13~~

Phaes-I & II

YEAR(2023-24)

R.W.D., WORKS CIRCLE, MADHEPURA

R.W.D., WORKS DIVISION, SUPAUL

प्रतिवेदन

पथ का नाम :- L040-Tharbitiya to Dighiya Yadav tola (TRACK-5)
कार्य का नाम :- FDR Work of L040-Tharbitiya to Dighiya Yadav tola
में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 14.06.2023 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त पथ L040-Tharbitiya to Dighiya Yadav tola में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत एक करोड़ अ्यासी लाख इयासी हजार सात रुपये मात्र है।
उक्त पथ का निर्माण PMJSY-I योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में नहीं है। पथ के कटे (क्षतिग्रस्त) भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं Brick Bats देने के बाद यातायात चालू कराया गया है। पथ के विभिन्न हिस्से में कराये गये कार्य का विवरणी स्पष्ट रूप से प्राक्कलन में दर्शाया गया है।

प्राक्कलन मदों का दर वर्तमान

अनुसूचित दर के अनुरूप है।

25/09/2023

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, बिजनौर।

25/09/2023

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, किरानपुर।

25/09/23

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, किरानपुर।

SUMMARY OF COST ESTIMATE FOR THE PROJECT

Phase I & II		
NAME OF ROAD :-	L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)	
DISTRICT :-	Supaul	
BLOCK :-	Kishanpur	
Length of Road:-	8.800 km	
Length of Cutting:-	770Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Labour for cutting 62mm to 75mm dia bamboo	241222.80
2	Labour for fitting 62mm to 75mm dia bamboo	297171.00
3	Labour for filling empty cement bags with local sand Nylon crate	1520035.00
4	Supply of nylon crate	64713.50
5	Supplying of EC bag, of local sand	1609349.09
6	Geo bags	3123320.76
7	Laying of Porcupine Assembly	2064513.00
8	Supply and Carriage of brick bats	5629213.26
9	Supply, laying and carriage of 1000 mm HPC	235119.90
	SUB TOTAL COST =	14784658.31
	ADD GST @18% =	2661238.50
	Add Labour cess @ 1% =	147846.58
	Seigniorage Fees @10% =	408933.74
	TOTAL (RS.) =	18002677

5302856.48
195727.68
14718908.81
2595403.58
147189.088

Total (RS.) = 17567435.22

J.E

A.E

E.E

S.E

Details of T.S

For Temporary Restoration Work - 175.67435 Lacs

Total RS. - 175.67435 Lacs

Inspection has been carried out by E.E, R.W.D, BIRPUR on 04/01/2024.

st fact Technically sanctioned for Rs. 175.67435 lacs (One hundred seventy five lacs sixty seven thousand four hundred thirty five rupees only) for temporary restoration work. Technical sanction is being accorded in expectation to Administrative Approval by Department.


Chief Engineer-2
Rural Works Department
Patna
03/02/24

Bill of Quantity

NAME OF ROAD :-		L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)		
DISTRICT :-		Supaul		
BLOCK :-		Kishanpur		
Sl. No.	DESCRIPTION OF ITEMS	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
1	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer- in -charge.	6627.00	36.40	241222.80
2	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.	3115.00	95.40	297171.00
3	Labour for fitting empty cement bags with local sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m)with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	1450.00	1048.30	1520035.00
4	Supply of Nylon Crate of size 1mx1mx1m	1450.00	44.63	64713.50
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	45449.00	35.41	1609349.09

6	Providing, laying and filling Geo bags of size 1m X 0.7 m (Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m ³ . weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)	17346.00	180.06	3123320.76
7	Construction of Laying of Porcupine Assembly Unit 100 Nos. Assemblies (100 Set)	219.00	9427.00	2064513.00
8	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	2634.02	2437.42 2013.218	5629243.26 — 5302856.48
9	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	30.00	7837.33 6524.256	235419.90 — 195727.68
		A) SUB TOTAL =		14784658.34
		TOTAL COST =		14784658

Total Cost = ₹ 14418909.00


J.E


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E.E

ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

Phase-I

NAME OF ROAD :-		L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)							
DISTRICT :-		Supaul							
BLOCK :-		Kishanpur							
Length of Cutting:-		770.00 mtr							
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
1	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer- in -charge.								
			2	150/0.3	4.50		4500.00		
			1	5/0.3	4.50		75.00		
			1	12/0.3	4.50		180.00		
			2	52/0.25	4.50		1872.00		
	Mtr.			total qty:-			6627.00	36.40	2,41,222.80
2	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.								
			2	150	2.5/0.5		1500.00		
			1	5	2.5/0.5		25.00		
			1	12	2.5/0.5		60.00		
			2	52	2.5/0.5		520.00		
	Bamboo Runners		1	150/0.5	2.50		750.00		
			1	52/0.5	2.50		260.00		
	Mtr.			total qty :-			3115.00	95.40	297171.00

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
3	Labour for fitting empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m)with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I								
			1	150	(1.75+1.75+1.75)/3	(2.5+3.75+2.5)/3	765.63		
			1	52	(1.75+1.75+1.75)/3	(2.5+2.75+2.5)/3	235.08		
			1	5.50	(1.75+1.75+1.75)/3	(2.5+2.95+2.5)/3	25.51		
							1026.21		
	No of Each Bags		1026.215		X	35.315	36240.77		
	No of Nylon crate =(No of bags X 25)			36240.77	/	25	1450.00		
		No	total qty :-				1450.00	1048.30	1520035.00
4	Supply of Nylon Crate of size 1mx1mx1m								
							1450.00		
						Total (in nos.) :-	1450.00	44.63	64713.50
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
		cum	1	150	(2.25+2.5+2)/3	(1.75+2.85+2.65)/3	815.63		
		cum	1	5	(2.5+2+2.75)/3	(2.75+2.85+2.75)/3	33.63		
		cum	1	12	(2.5+3.5+1.75)/3	(2.25+1.75+1.5)/3	56.83		
		cum	1	52	(4.5+5.5+4.75)/3	(2.25+3.75+1.5)/3	639.17		
	Total No of E C Bags(3.4cum=100Bags) =		1545.26			/	0.034	45449.00	
		Each	Say No of Bage :-				45449.00	35.41	1609349.090

[illegible]

ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

Phase-II

NAME OF ROAD :-		L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)							
DISTRICT :-		Supaul							
BLOCK :-		Kishanpur							
Length of Cutting:-		770.00 Mtr							
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
1	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
		cum	1	8.20	2.50	0.915	18.76		
		cum	1	20.40	$(0.4+1.4+2)/3$	0.950	24.55		
		cum	1	62.00	$(0.4+1+1.5+2+0.5)/5$	0.750	50.22		
		cum	1	32.00	$(0.4+1.9+1+1.5)/4$	0.475	18.24		
		cum	1	35.00	$(0.4+1+2)/3$	0.915	36.30		
		cum	1	12.00	$(1.5+0.9)/2$	0.475	6.84		
		cum	1	5.00	1.50	0.915	6.86		
		cum	1	72.50	$(1.5+2+2.5+7.5+2+2.5)/6$	0.850	184.88		
		cum	1	12.00	$(1.5+0.4+0.8)/3$	0.920	9.94		
		cum	1	5.00	$(1.2+0.8)/2$	0.915	4.58		
		cum	1	45.00	$(1+1.5+2)/3$	0.950	64.13		

cum	1	20.00	$(0.4+0.5)/2$	0.500	4.50	
cum	1	21.50	$(1.5+1+2)/3$	1.25	40.31	
cum	1	12.00	$(0.4+0.5)/2$	0.200	1.08	
cum	1	2.00	1.50	1.000	3.00	
cum	1	1.00	1.00	0.500	0.50	
cum	1	15.00	$(0.5+1)/2$	0.475	5.34	
cum	1	19.00	$(0.5+0.4)/2$	0.920	7.87	
cum	1	18.00	$(4+4.4)/2$	1.250	94.50	
cum	1	30.00	$(4.5+3.7+4.2)/3$	3.250	403.00	
cum	1	6.00	3.00	1.50	27.00	
cum	1	26.00	$(1.5+1.25+1)/3$	$(1+0.8)/2$	29.25	
cum	1	35.00	$(3.5+4.5+4)/3$	1.50	210.00	
cum	1	3.00	1.50	0.60	2.70	
cum	1	16.00	1.00	0.90	14.40	
cum	1	4.00	4.00	0.60	9.60	
cum	1	5.00	1.50	1.00	7.50	
cum	1	2.00	1.00	0.75	1.50	
cum	1	2.00	1.50	0.80	2.40	
cum	1	5.00	1.00	0.50	2.50	
cum	1	15.00	4.50	1.25	84.38	

	cum	1	9.00	7.00	0.95	59.85		
	cum	1	12.00	$(1+0.5)/2$	0.50	4.50		
	cum	1	15.00	$(6+6+1.5+1)/4$	$(1.2+1.5)/2$	73.41		
	cum	1	7.50	4.50	$(0.7+1.2)/2$	32.06		
	cum	1	3.80	2.20	0.50	4.18		
	cum	1	30.00	$(4.7+4.5+4.3)/3$	$(0.95+0.95+0.85)/3$	123.75		
	cum	1	17.00	$(4+4.7)/2$	$(0.9+1.2+0.4)/3$	61.63		
	cum	1	12.00	1.50	0.75	13.50		
	cum	1	4.00	2.00	$(0.6+0.9+0.5)/3$	5.33		
	cum	1	4.00	4.00	0.65	10.40		
	cum	1	6.00	1.00	$(0.6+0.9+0.5)/3$	4.00		
	cum	1	27.00	$(1+1.2+0.8)/3$	$(1+1.8+1.9)/3$	42.30		
	cum	1	6.00	1.00	0.60	3.60		
At ch:- 4.00km	cum	1	51.00	$(4+5.2+4)/3$	$(3.75+3.95+3.85)/3$	863.94		
Deduction for H.P 1000MM dia (1.23 x 1.23)=1.52	cum	5	0.79	1.52	7.50	45.03		
	cum	total qty :-					2634.02	5568446.46

2.114.05
2013.2/18

RS.5302856.48

2 Supplaying and carriage of hume pipe 1000 mm dia , all complete job.

RM	4	3	2.5	30.00	
RM	0	1	2.5	0.00	
RM			total qty :-	30.00	
				6.642.70	498384.00
				6524.256	
				A) SUB TOTAL =	5766827.46
				TOTAL COST =	5766827.46

195727.68

Total cost = Rs. 5798584.16

25/9/23

28/9/23

Junior Engineer

Asstt. Engineer

Executive Engineer

S.E

Madhe pura

Calculation of Seigniorage Fees

NAME OF ROAD :-		L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)			
DISTRICT :-		Supaul			
BLOCK :-		Kishanpur			
Sl. No.	DESCRIPTION OF ITEMS	QUANTITY	Unit	RATE (Rs.)	AMOUNT (Rs.)
1	Labour for fitting empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m)with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	362.50	cum	143.32	51953.50
2	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	1545.27	cum	143.32	221467.52
3	Providing, laying and filling Geo bags of size 1m X 0.7 m (Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m ³ . weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)	3181.43	cum	143.32	455962.55
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	3160.82	cum	1063.00 1081.00	3359953.79
A) SUB TOTAL =					4089337.36
Seigniorage Fees @10% of Basic Amount =					408934

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05/9/22
J.E

Y
25/09/23
A.E

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25/09/23
E.E

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- E.E. R.W.D. Works Divisions Supaul

Name of Block Road :- Kishanpur / Tharbitiya to Dighiya Yadav tola

A. For Road

1. Damage Location/Chainage :- From C.H. (8.00 to 7.00) K.M, S (6.00 to 6.50) K.M, (1.00 to 1.50) K.M

2. Damage Length :- 770m

3. Nature of Damage (Length Wise)

(i) Breach :-

(ii) Crust Damage :- Crust

(iii) Only Flank Damage :-

whether traffic fully/Partially obstructed :- Fully

4. Details of Restoration :-

(i) Material Being Used in Restoration :- Brick bats etc.

(ii) Equipment/Tools Being Used in Restoration Works :- J.C.B, Roller, Tractor etc.

(iii) Restored Length — 770m

In open Area :- open area

In habitation Area :-

(iv) If Restoration work done in habitation Area give Reason :-

B. For Bridge (Size of Bridge/Culvert)

(1) Damage Location/Chainage :- At 7th K.M

(2) No. of Span Damage :-

(3) Length of Span :-

(4) Nature of Damage (Pier/Abutment/
Wing Wall/Approach Road Damage) :- Approach Road damage

(5) Details of Restoration :-

(i) Material Being Used in Restoration :- Local sand, E.C bags, Geco bags, Brick bats etc.

(ii) Equipment/Tools Being Used in Restoration Works :- Hydra, J.C.B, Roller, Tractor etc.

(iii) Restored Length :-

Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :-

8/8

A. Kumar

Signature of Inspector
(Official Seal)

Executive Engineer
Rural Works Department
Work Division, Birpur

Name of Work:- L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)

District:-Supaul

Block:-Kishanpur



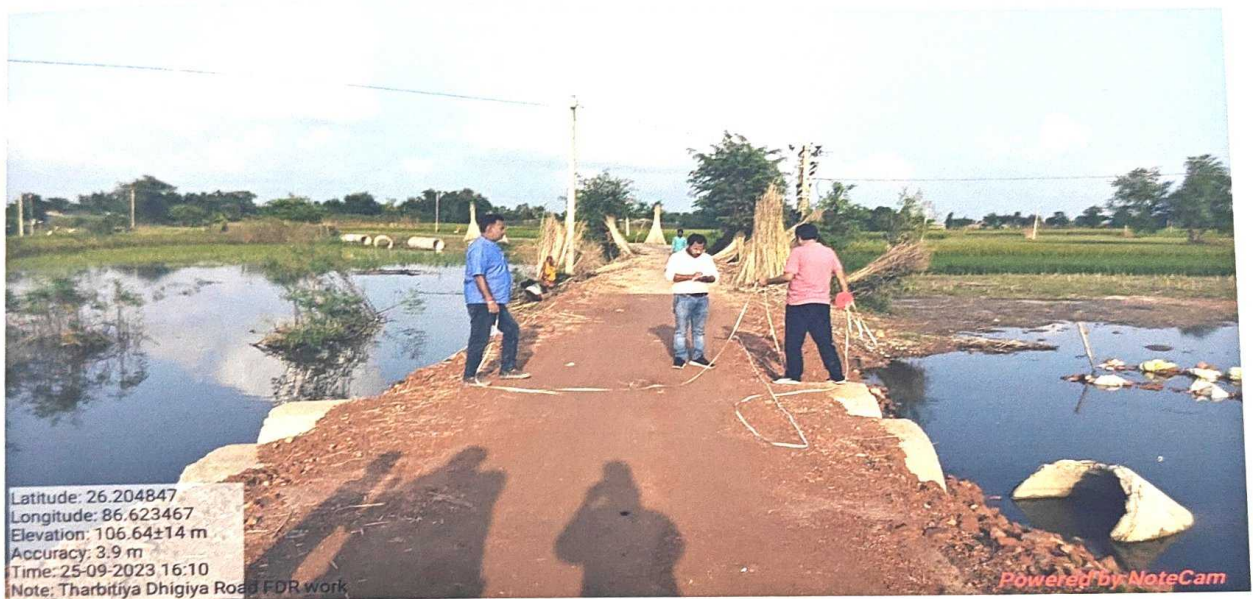
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Name of Work:- L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)
District:-Supaul

Block:-Kishanpur



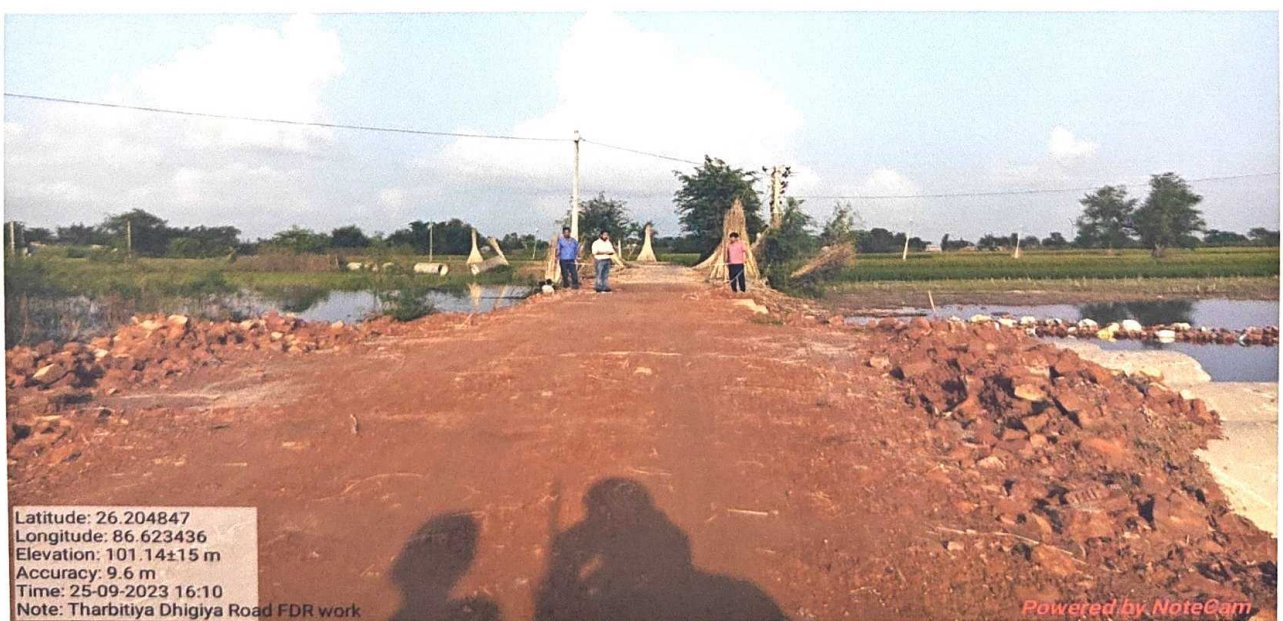
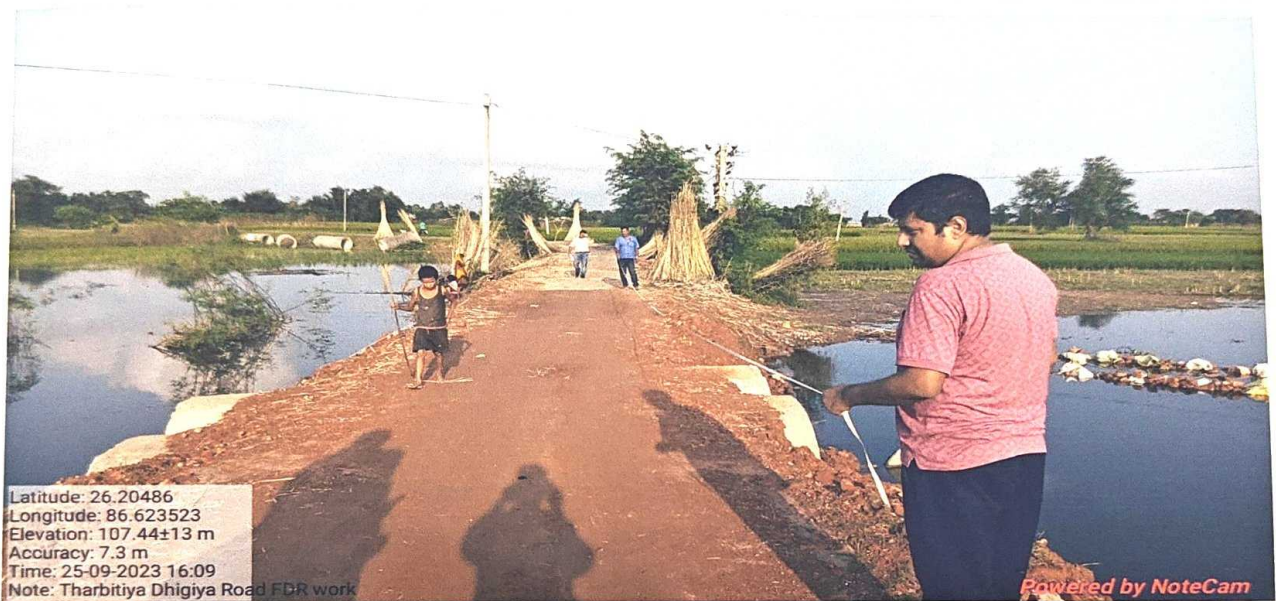
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25/09/23

Name of Work:- L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)
District:-Supaul

Block:-Kishanpur



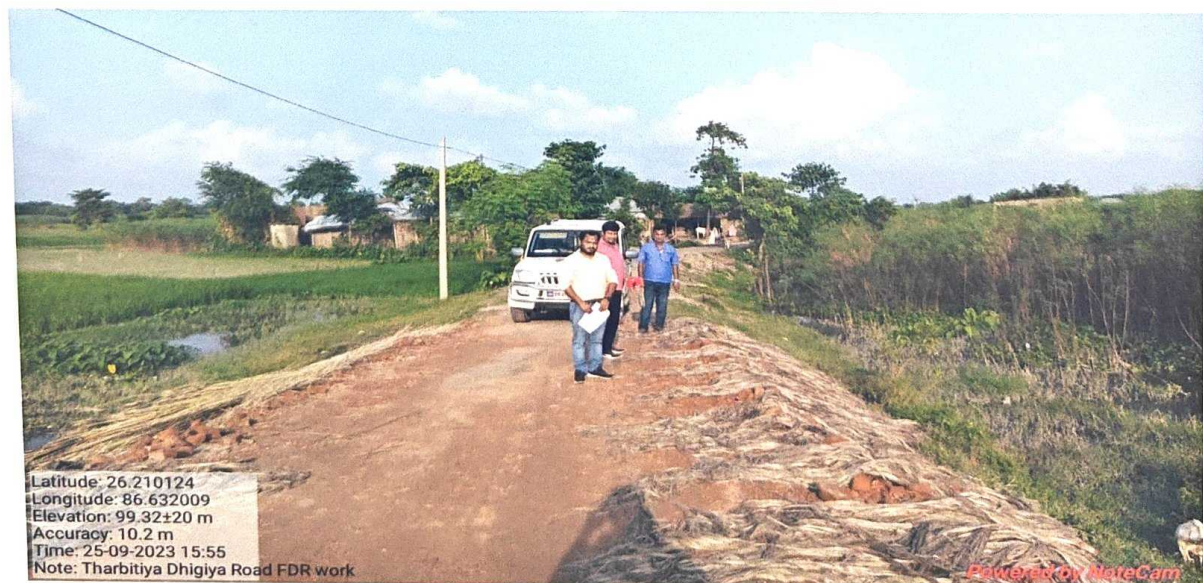
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Name of Work:- L040-THARBITIYA To DIGHIYA YADAV TOLA (Track-5)
District:-Supaul

Block:-Kishanpur



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