

Road Name- Khairwa to Bhanja Chhapra , Contractor-Ramakant Mishra

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI in mm/km	CATEGORY	Latitude	Longitude	Event
11/8/20	14:11:0	30	0.1	340	0	3400	3496 G	ROAD	26.64368	84.62106	Normal
11/8/20	14:11:7	30	0.1	300	30.3	3000	3077 G		26.643435	84.62202	Normal
11/8/20	14:11:43	30	0.1	270	30.3	2700	2763 G		26.643127	84.623047	Normal
11/8/20	14:12:0	30	0.1	280	30.3	2800	2868 G		26.642863	84.623988	Normal
11/8/20	14:12:17	30	0.1	280	30.3	2800	2868 G		26.642477	84.624848	Normal
11/8/20	14:12:52	30	0.1	310	20.2	3100	3182 G		26.641598	84.625218	Normal
11/8/20	14:13:0	30	0.1	330	30.3	3300	3391 G		26.640728	84.625588	Normal
11/8/20	14:13:28	30	0.1	320	30.3	3200	3287 G		26.639922	84.626077	Normal
11/8/20	14:14:3	30	0.1	340	30.3	3400	3496 G		26.63968	84.627172	Normal
11/8/20	14:14:3	30	0.1	360	30.3	3600	3705 G		26.639475	84.628198	Normal
11/8/20	14:14:3	30	0.1	300	30.3	3000	3077 G		26.639005	84.62904	Normal
11/8/20	14:14:38	30	0.1	270	30.3	2700	2763 G		26.638145	84.629578	Normal
11/8/20	14:15:0	30	0.1	310	30.3	3100	3182 G		26.637313	84.63007	Normal
11/8/20	14:15:13	30	0.1	310	30.3	3100	3182 G		26.636488	84.630588	Normal
11/8/20	14:15:13	30	0.1	270	30.3	2700	2763 G		26.635708	84.63116	Normal
11/8/20	14:16:0	30	0.1	310	30.3	3100	3182 G		26.634952	84.63175	Normal
11/8/20	14:16:0	30	0.1	310	30.3	3100	3182 G		26.634207	84.63234	Normal
11/8/20	14:16:24	30	0.1	130	30.3	1300	1297 G		26.633677	84.632625	Normal
							Total				
							54761				
							Average	3042.28			

$$Y = 0 * X^2 + 1.047 * X - 63.36$$

$$X = 1300$$

$$Y = 1297$$

(R) RURAL ROAD
Good Average Poor
<4000 4001-5000 >5001

11/8/20
11/8/20
11/8/20

11/8/20
11/8/20
11/8/20

EXECUTIVE ENGINEER
R.W.D. (W.D.)
ARERAJ

Customer: Ramakant Mishra

Name of Work/Road: Khairwa To Bhanja Chhapra

Lab Job number: 30

Date: 11-Aug-20

Section No.: 30

Test Date: 11-Aug-20

Road Name: Khairwa To Bhanja Chhapra

Machine No: 387

Road Type: (R) RURAL ROAD

Start S No: 0.000 KM

Side:

Start E No: 1.820 KM

Weather: Good

Interval

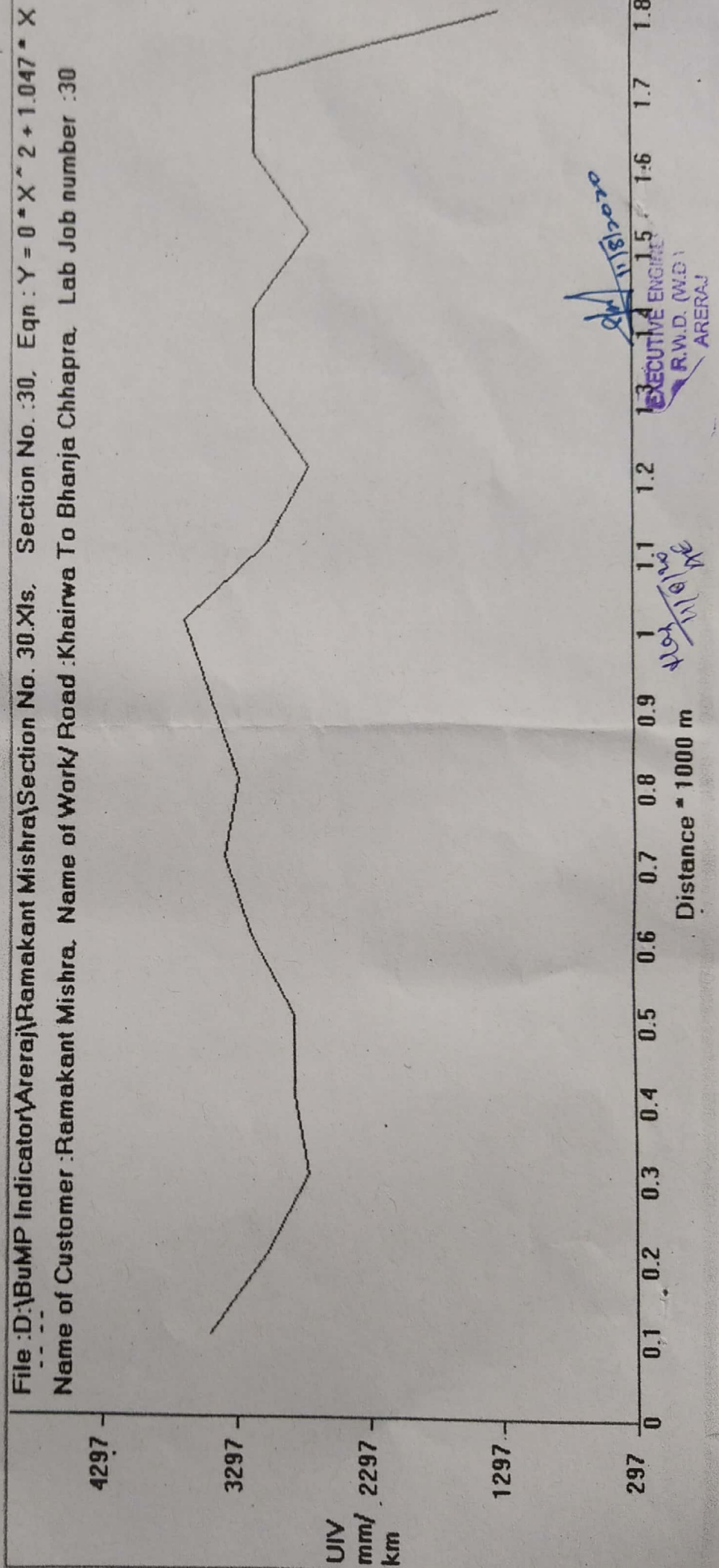
UIV Range: 297 To 5000

Dist Range: 0 To 1.9

Equation: $Y = 0 * X^2 + 1.047 * X - 63.36$

File: D:\BuMP Indicator\Areraj\Ramakant Mishra\Section No. 30.Xls, Section No.: 30, Eqn: $Y = 0 * X^2 + 1.047 * X$

Name of Customer: Ramakant Mishra, Name of Work/Road: Khairwa To Bhanja Chhapra, Lab Job number: 30



11/8/2020

EXECUTIVE ENGINEER

R.W.D. (W.D.)

ARERAJ

334/20-21

27/5/21 21/5/21 24/5/21

Schedule XLV-Form No. 134

21/5/21

DIVISION

21/5/21

SUB-DIVISION

Measurement Book

21/5/21 21/5/21 24/5/21

Name of Work— Repair of road from Khairnagar
 Situation of Work— to Bhansga
 Agency by which work is executed— Chabera
 Date of Measurement— 4 May 2021
 No. and date of agreement 4 May 2021
 (These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of start				27/5/20	
Date of completion					
① Clearing & grubbing of Road land					
	2	10	10	1.8	$2 \times 10 \times 10 \times 1.8 = 360 \text{ m}^3$
					$= 11.36 \text{ m}^3$
② Dismantling of existing structure					
	2	3.65	10	0.25	$2 \times 3.65 \times 10 \times 0.25 = 60.2 \text{ m}^3$
					5.76 m^3
③ Construction of Subgrade					

4 width of shoulder					
Plank	2	10	10	1.8	$2 \times 10 \times 10 \times 1.8 = 360 \text{ m}^3$
					$= 1092.0 \text{ m}^3$
④ Laying of S.B. gradings					
Details of pits					
from Ch 0.0m to 1820m					
	10	1.100	0.700	0.150	$= 1.16 \text{ m}^3$
	15	1.100	0.400	0.125	$= 1.16 \text{ m}^3$
	13	1.400	0.600	0.150	$= 1.64 \text{ m}^3$
	17	2.100	0.500	0.125	$= 3.12 \text{ m}^3$
	16	2.000	1.000	0.150	$= 4.80 \text{ m}^3$
	18	1.700	0.300	0.125	$= 1.61 \text{ m}^3$
	17	1.800	0.600	0.150	$= 2.25 \text{ m}^3$
	16	1.500	1.000	0.125	$= 4.20 \text{ m}^3$
Continuation					
	18	1.700	0.300	0.125	$= 1.61 \text{ m}^3$
	15	1.600	0.900	0.150	$= 3.24 \text{ m}^3$
	16	1.300	0.800	0.125	$= 2.91 \text{ m}^3$
Car total = 26.59 m ³					

1st on w/c B:OP

ABSTRACT OF COST

10

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Clearing & grubbing of road land - 24d. Qty for side P ₁ to P ₁ to 1 70.36H @ 49496.80/H					15178182
(2) Dismantling of existing Structure - 2. Qty for side P ₁ to P ₂ 21 528m ² @ 228.72/m ²					131250
(3) Cost of subgrade & earthwork shoulder plank. Qty for side P ₁ to P ₃ 1092.0m ² @ 176.75/m ²					193011
(4) Providing C.S.B. gutter R/F Qty for side P ₃ to P ₄ 143.26m ² @ 2299.11/m ²					329370
(5) Providing S/M gutter - 2 Qty for side P ₄ to P ₅ 92.01m ² @ 4259.68/m ²					391933
(6) Providing S/M gutter - 2 Qty for side P ₅ to P ₆ 153.72m ² @ 3840.57/m ²					590372
(7) Formwork concrete - 21 Area for side P ₆ to P ₇ 2070.10m ² @ 41.61/m ²					86136
(8) Patch work over W.B.M. using mix gravel concrete Area for side P ₇ to P ₈ 2070.10m ² @ 208.03/m ²					430642

Continuation

15 20405992

CO

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Tack Cord Area for side Pzitu 9 x 8963.35m ² @ 14.11/m ²				B.P.H.	204059 12647
(10) Semi dense Portulacous Concrete. Qty for side Pzitu 10 x 172.34m ² @ 10493.81/m ²					180850
(11) Kilometer Stone for side Pzitu 11					
(3) Ordinary K.M. x 3 No @ 2405.71/m ²					7217
(25) 200m Stone x 8.0 No @ 646.89/m ²					5175
(12) Direction & Place of direction stone for side Pzitu 12 x 528m ² @ 12425.15/m ²					71568
(13) Traffic Sign Retro reflective sheet green Band for side Pzitu 13					
(5) 600mm quadrilateral tower x 15.0m @ 3709.61/m ²					55644
(55) 600mm circular x 2 No @ 3808.96/m ²					7617
(555) 600mm x 450mm wire dangle x 4 No @ 3609.84/m ²					14819
(4) Boundary Pillar for side Pzitu 14					
Continuation					
x 32 No @ 538.22/m ²					17223
					4154737

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Road Marking Thermoplastic paint					4154737-
Area for side Position					
364.0 m ² @ 735.40/m ²					1267685-
(16) Maintenance Burial for side Position					
5 m ² @ 5719.80/m ²					32945-
(17) Supply & placing Zirconium LR					
Length for side Position					
22.50 m @ 898.19/m					20209-
(18) Placing Blw in cm (1:3) in Permetex Qty for side Position					
5.70 m ² @ 5719.64/m ²					32945-
(19) plastering in cm (1:4) Area for side Position					
40.32 m ² @ 189.80/m ²					765207
(20) plastering in cm (1:4) for existing Culvert Area for side Position					
60.48 m ² @ 189.80/m ²					11479-
(21) painting two coats on new concrete surface Area for side Position					
100.80 m ² @ 95.63/m ²					9634-
Continuation					
					4537291-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				3.12 B	45372.51
Add 1/20' of S.T					5444742
Add 1/10' of L. S. T					453722
				15	5127137
Less 0.01' of S. T					51322
				15	5126624
CR 11/8/20 11/8/20					11/8/20
					2

Materials

- ① Subgrade d. = 1092.00
- ② Stone work d. = 1953.114.32
- ③ Stone work d. = 1953.114.32
- ④ Screening materials d. = 75.168
- ⑤ Local Sand d. = 76.84
- ⑥ Stone Chips d. = 173.34 + 55.89 = 229.23
- ⑦ Bitumen S.S. d. = 1.8009 m.r
L.S. d. = 2.4261 m.r

Continuation

- ⑧ Bitumen d. = 3.9331 m.r + 19.8853 m.r

- ⑨ Thermoplastic paint = 23.8184 m.r

11/8/20
11/8/20
11/8/20

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, अरेराज,

पत्रांक- का0अ0-अरेराज-369/ 1718303

/दिनांक 11/08/2020

प्रेषक :- कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल अरेराज।

सेवा में,
अपर मुख्य कार्यपालक पदा0-सह0-सचिव,
बिहार पथ विकास अभिकरण, पटना।

विशय:- MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि की अधियाचना के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में कहना है कि MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि का व्यय किया गया है। अनुरोध है कि अधियाचना प्रपत्र में दर्शाये गये प्राप्त आवंटन एवं व्यय को मानते हुए अधियाचित राशि उपलब्ध कराने की कृपा की जाय। कार्य का निरीक्षण किया कार्य संतोषप्रद है। उक्त पथ में ए0टी0आर0 लंबित नहीं है।

- अनु0- 1) अधियाचना प्रपत्र।
2) 19 ए प्रपत्र।
3) एकरारनामा की छाया प्रति।
4) Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed

विश्वासभाजन,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल -अरेराज।

11/08/2020

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, अरेराज,

पत्रांक- का0अ0-अरेराज-369 / 17.12.2020

/ दिनांक 14/08/2020

प्रेषक :- कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल अरेराज।

सेवा में,

अपर मुख्य कार्यपालक पदा0-सह0-सचिव,
बिहार पथ विकास अभिकरण, पटना।

विशय:- MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि की अधियाचना के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में कहना है कि MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि का व्यय किया गया है। अनुरोध है कि अधियाचना प्रपत्र में दर्शाये गये प्राप्त आवंटन एवं व्यय को मानते हुए अधियाचित राशि उपलब्ध कराने की कृपा की जाय। कार्य का निरीक्षण किया कार्य संतोषप्रद है। उक्त पथ में ए0टी0आर0 लंबित नहीं है।

- अनु0- 1) अधियाचना प्रपत्र।
2) 19 ए प्रपत्र।
3) एकरारनामा की छाया प्रति।
4) Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed

विश्वरामभाजन,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल -अरेराज।

14/08/2020

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, अरेराज,

पत्रांक— का0अ0—अरेराज—369 /

/दिनांक

प्रेषक :- कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल अरेराज।

सेवा में,

अपर मुख्य कार्यपालक पदा0—सह0—सचिव,
बिहार पथ विकास अभिकरण, पटना।

विशय:-

MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि की अधियाचना के संबंध में।

महाषय,

उपरोक्त विषय के संबंध में कहना है कि MR(3054) New Maintenance Policy-2018 योजनान्तर्गत राशि का व्यय किया गया है। अनुरोध है कि अधियाचना प्रपत्र में दर्शाये गये प्राप्त आवंटन एवं व्यय को मानते हुए अधियाचित राशि उपलब्ध कराने की कृपा की जाय। कार्य का निरीक्षण किया कार्य संतोषप्रद है। उक्त पथ में ए0टी0आर0 लंबित नहीं है।

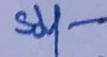
अनु0— 1) अधियाचना प्रपत्र।

2) 19 ए प्रपत्र।

3) एकरारनामा की छाया प्रति।

4) Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed

विश्वासभाजन,

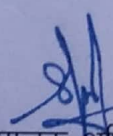


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल —अरेराज।

ज्ञापांक—का0अ0—अरेराज—369 / 1718

/दिनांक 14-08-2020

प्रतिलिपि :- नोडल पदाधिकारी, MR-3054, ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।


कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल—अरेराज।


14/8/20

**OFFICE OF THE EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT, WORKS DIVISION, ARERAJ.**

Requisition Format for Scheme Head- MR(3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

Name of Works Division : Areraj

SI No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (in Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted Amount (in lakh)	up-to-date expenditure as per MIS (in Lakh)	Requisition against work done. (in Lakh)	Remarks
					Length (in Km)	Amount of (in Lakh)	Initial Rectification with Surface Renewal (in lakh)	5 Years Routine Maintenance (in Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MR-N/19-20 Areraj/-16	Areraj Bettiah PWD Rad ke English Gaon To REO Path tak Sadak Nirman	31708301016	Latter No. 3308 Date- 31.07.2019	0.620	29.24690	18.38033	5.58680	04-MBD/2020-21 Date- 27.05.2020	26.02.2021	In Progress	2912.57	25	5.00	0.00000	0.00000	17.37408	Ongoing
2	MR-N/19-20 Areraj/-16	PWD Road to Gangapipra	31708202163	Latter No. 3308 Date- 31.07.2019	3.016	130.46690	109.50733	34.69052	04-MBD/2020-21 Date- 27.05.2020	26.02.2021	In Progress	2449.97	25	5.01	0.00000	0.00000	102.99386	Ongoing
3	MR-N/19-20 Areraj/-16	Khairwa To Bhanja Chhapra	31708202092	Latter No. 3308 Date- 31.07.2019	2.890	121.75080	54.43132	16.74380	04-MBD/2020-21 Date- 27.05.2020	26.02.2021	In Progress	3042.28	25	5.00	0.00000	0.00000	51.26624	Ongoing
					6.526	281.465	182.31898	57.02112							0.00000	0.00000	171.63418	

1 Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed.

2 Up-to-date Physical Progress has been uploaded in MIS.

Executive Engineer,
Rural Works Department,
Works Division, Areraj.

Form GER 19-A
(See Government of India's Decision(1) bellow Rule – 150)
Form of utilization certificate up to the month of UP to Aug-2020
New Maintenance policy-2018 (MR-3054)

Sl No.	Name of Scheme	Sanction No.&Date with Amount (in Rs. Lacks)	Amount Received (in Rs. Lacks)	Particulars
1	Maintenance policy-2018 (MR-3054)	CE-4 (HQ) 3054-04-04-/2020 09 anu (Encl) Patna. Date- 11.02.2020 Rs. 10319598.00 CE-4 (HQ) 3054-04-04-/2020 24 anu (Encl) Patna. Date- 19.03.2020 Rs. 16589890.00 CE-4 (HQ) 3054-04-04-/2020 29 anu (Encl) Patna. Date- 06.05.2020 Rs. 18118290.00 CE-4 (HQ) 3054-04-04-/2020 37 anu (Encl) Patna. Date- 27.05.2020 Rs. 22378444.00	674.06522	Certified that of Rs 674.06522 Lakh of grants in said sanctioned upto May-2020 in favour of RWD, W.D., Areraj sum of Rs. 674.06522 lakh has been utilized Maintenance policy-2018 (MR-3054) Scheme as given sanctioned and that the balance of RS 0.00000 lakh
	Total		674.06522	

2. Certified that I have satisfied myself that the conditions on which the grand's- in-aid was sanctioned have been duly fulfilled/ate being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:-

- Works have been supervised by Executive Engineer/ Superintending Engineer.
- Periodical inspection has been conducted by Executive Engineer/ Superintending Engineer.
- Construction material has been tested.
- Measurements have been recorded in the MBs and test check conducted by the Assistant Engineer/ Executive Engineer.

3. Physical Progress achieved:-

- Construction of The Road works
- Construction of CD Works :-

EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT,
WORKS DIVISION-ARERAJ.

14/8/2020