

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल, मनिहारी।**

पत्रांक :- 413

/मनिहारी, दिनांक- 12.02.2022

प्रेषक,

कार्यपालक अभियंता,
ग्रा0का0वि0, मनिहारी।

सेवा में,

अपर-मुख्य-कार्यपालक-पदाधिकारी,
BRRDA, 3रीं मंजिल, भूमि विकास बैंक भवन,
बिहार, पटना।

विषय :-

शीर्ष **New Maintenance Policy-2018** योजनान्तर्गत निर्माण हेतु आवंटन की
अधियाचना के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि शीर्ष **New Maintenance Policy-2018**
योजनान्तर्गत ग्रा0का0वि0, कार्य प्रमंडल, मनिहारी द्वारा विहित प्रपत्र में अधियाचना तैयार कर आपके
अग्रेतर कार्रवाई हेतु समर्पित की जाती है।

अनु0:- यथोक्त।

विश्वासभाजन,

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमंडल, मनिहारी।
12/2/22

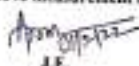
RWD, Works Division, Manihari

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

Name of Division : Manihari

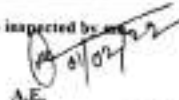
Sl. No.	Package no.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (in Lac)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in percentage	Previous Total Allocated Amount (in Lac)	up to date expenditure as per MIS (in Lac)	Requisition Against work done (in lac)	Remarks
					Length (In Km)	Amount (in Lac)	Initial Rectification with Surface Renewal (in lac)	5 years Routine Maintenance (in lac)										
1	MB-N/20.21/Manihari/09	Singhaal To Solikandha	21105602067	666/10.02.20	6.300	275.442	181.549	76.46833	51/MBD/2020-21, 22.01.2021	21.01.2022	17.01.22	2704.61	25mm	5.1%	0.00000	0.00000	181.02800	Completed
Total															0.00000	0.00000	181.02800	

Certified that 100% measurement taken by me.

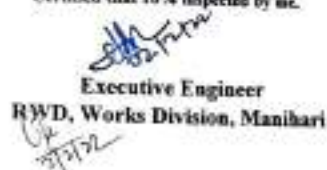

A.E.

Divisional Accounts Officer
RWD, Works Division, Manihari

Certified that 50% inspected by me.


A.E.

Certified that 10% inspected by me.


Executive Engineer
RWD, Works Division, Manihari

(See Government of India's Decision (1) below Rule-150)
Form of Utilisation Certificate upto the month of September, 2021

[illegible]

	Total :-	145,38241
2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are 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.		

Kind of Checks exercised :-

- Kind of Checks exercised :-
- Works have been supervised by Executive Engineer/Superintending Engineer.
 - Periodical inspection has been conducted by Executive Engineer/Superintending Engineer.
 - Construction materials have been tested.
 - Measurements have been recorded in the MBs and test check conducted by the Assistant.
 - All other codal formalities have been observed.

3. Physical Progress achieved :-

- i. Construction of Road Works.
- ii. Construction of CD Works.

D.A.O.

R.W.D. (W) Division, Manihari

Executive Engineer.

RWDA (W) Division, Manihari

MIR PKG NO - MRN/19.20 - Manikari

31101101012

Schedule XLV-Form No. 134

MR 3054 SINGHAUL TO SAI KANDHAR.

Agreement NO - 51/MBD/20-21.

DIVISION

Agreement Value - 4,80,00,00/-

Agreement Date - 22/1/21.

SUB-DIVISION

MEASUREMENT BOOK

553

22/1/21

PKM BUSINESS WORLD CENTER.

ABSTRACT

- ① Clearing and grubbing
road land (By-
manual means) — do

1.22492 Q.V.T.H.B — P- $\frac{1}{2}$ 64823 = 80

@ 52970 = 33/40 — AS

- ② Constⁿ of Sub-grade
and E/shoulder — do

4268.00 m³ Q.V.T.H.B — P- $\frac{15}{2}$

2070.0 m³ ————— P- $\frac{17}{2}$

~~6330.00 m³~~ @ 192 = 04/100 — AS

6330.0 m³

12/5613 = 0

12/5375 = 14

- ③ Constⁿ of Granular
Sub-base material —
— do —

Continuation

AS-1279948-94

AS-1280237-00

Particulars	Details of actual measurements				Contents of area
	No.	L.	B.	D.	
67.78 m ³	B.V.T.H.B-P-			9/1	
50.53 m ³	—			11/2	
63.41 m ³	—			11/2	
191.78 m ³	② 2587 = 4 m ³				470211-85
191.73 m ³					

①

providing laying

compacting NBT

Gr-2 with well

graded material — to —

59.84 m³ B.V.T.H.B-P- 14/145.23 m³ — P- 14/156.14 m³ — P- 14/1161.21 m³161.21 m³ ② 4667 = 52 m³ — 757030-82

②

providing laying

spreading NBT Gr-2

with well graded

material — to —

92.53 m³ B.V.T.H.B-P- 14/171.29 m³ — P- 14/190.05 m³ — P- 14/1253.91 m³ ③ 4265 = 58 m³ — 1083030-76253.90 m³

③

providing applying

primer coat with

Bitumen Emulsion (SSR)

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		do			
3385.37 m ² B.V.T.H.B-F 11/1					
@ 44263/m ²				AS	151089:01
(8) providing laying a					
rolling close graded					
primix surface do					
4004.12 m ² B.V.T.H.B-P 20/2					
@ 214:87/m ²				AS	860365:2
(9) providing applying					
Tack coat with					
Bitumen Emulsion (R4)					
do					
27107.87 m ² B.V.T.H.B-P-21/1					
@ 15:25/m ²				AS	413395:01
(9) providing a layer of					
Benit dense Bitum.					
Concrete bedded HHP					
do					
577.60 m ³ B.V.T.H.B-P-22/2					
@ 11328:56/m ³				AS	6543376:18
(10) P/H/F 5th un stone					
do					
1 No B.V.T.H.B-P-24/1					
@ 4535:02/m ²				AS	4535:02
(11) P/H/F 1st Asst do					
do					

Continuation AS- 11554982:95
11558271:01

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7 MS	B.V.T.H.B-P-			24/2	
	@ 2435=14/m ²				17045=98
(12)	P/H/F 300mm stone				
	— do —				
24 MS	B.V.T.H.B-P-			24/3	
	@ 645=84/m ²				15500=16
(13)	P/H/F Retro-reflective				
	direction & place				
	Sign Board — do —				
768 m ²	B.V.T.H.B-P-			24/4	
	@ 11912=87/m ²				91490=84
(14)	P/H/F 600mm square				
	— do —				
88 MS	B.V.T.H.B-P-			25/5	
	@ 3527=35/m ²				310406=80
(15)	P/H/F 600mm Circular				
	Sign Board — do —				
32 MS	B.V.T.H.B-P-			25/6	
	@ 3324=35/m ²				119192=80
(16)	P/H/F 600mm x 450mm				
	Sign Board — do —				
12 MS	B.V.T.H.B-P-			25/9	
	@ 3600=40/m ²				43204=80
(17)	P/H/F 900mm square				
	octagonal — do —				
10 MS	B.V.T.H.B-P-			25/7	
	@ 7445=46/m ²				74454=60

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) P/4/16 RCC * 15 Extruding pillar — to —					
112 LN	B.V.T.M.B. — P. —	25/8			
	@ 528 = 07/each — as				59137 = 12
(19) painting New letter and figure — to —					
132	B.V.T.M.B. — P. —	25/10			
	@ 0.54/km/H — as				71 = 28
(20) planting of trees by road side — to —					
250 LN	B.V.T.M.B. — P. —	26/4			
	@ 844 = 59/each — as				211147 = 50
(21) providing lighting					
	not applied theme —				
	Plastic Road marking				
1220.0 m ²	B.V.T.M.B. — P. —	25/1			
	@ 721 = 95/m ² — as				880779 = 00
(22) providing pedestrian crossing — to —					
60 m ²	B.V.T.M.B. — P. —	25/2			
	@ 721 = 95/m ² — as				43317 = 00
(23) P/4/16 typical 4x654 Information sign Board — to —					
2 LN	B.V.T.M.B. — P. —	1/1			
2 LN	— P. —	26/3			
4 LN	@ 9902 = 36/each — as				39609 = 44

Continuation

 NS-13463339-47
 13463627-53

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
(24) Bitum. waterproofing work 10 C+ (1/3) — do — 2.67 m ² B.V.T.M.B. P- 24/1 @ 5497=53/m ² — 14788=35					
(25) plastering with cement mortar (1/4) — do — 18.88 m ² B.V.T.M.B. P- 24/2 @ 189=03/m ² — 3568.88					
(26) painting two coats including primer coat — do — 35.36 m ² B.V.T.M.B. P- 24/3 @ 100=76/m ² — 5578=07					
(27) plastering with Cement mortar (1/4) — do — 22.4 m ² B.V.T.M.B. P- 24/1 @ 189=03/m ² — 4234=27					
(28) painting of two coats including primer coat — do — 64.16 m ² B.V.T.M.B. P- 24/2 @ 100=76/m ² — 6464=76					
(29) R/W Excavation for foundation — do — 134.56 m ³ B.V.T.M.B. P- 24/1 @ 279=09/m ³ — 51508=85					

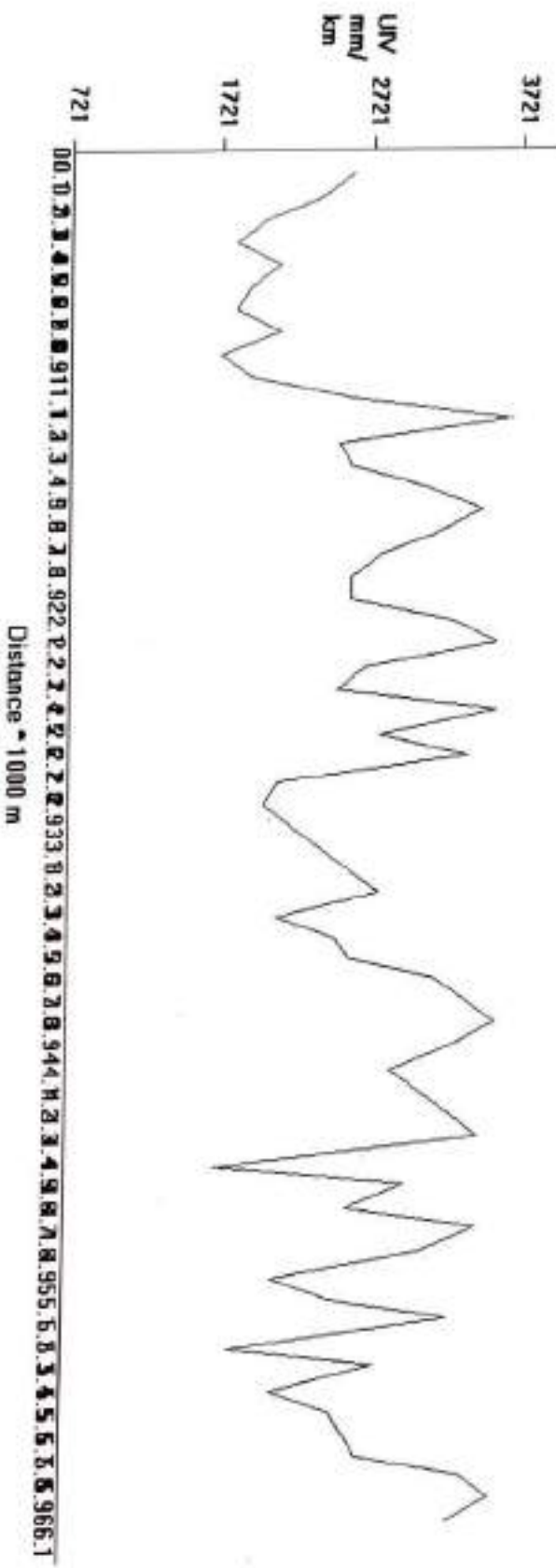
Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
(50) providing pcc 1:1:5 in found ⁿ — do —					
14.64 m ³ B.V.T.M.B-P — 1/2					
@ 6188 = 76/m ³ — 13					89871 = 44
(51) providing pcc 1:1:5 in open found ⁿ — do —					
51.33 m ³ B.V.T.M.B-P — 3/4					
@ 6958 = 23/m ³ — 13					357167 = 9
(52) 8/44 14430 Bar in Sub Structure — do —					
0.602 m ³ B.V.T.M.B-P — 1/3					
@ 51845 = 51/m ³ — 13					31210 = 33
(53) providing pcc 1:1:5 in Substructure — do —					
36.28 m ³ B.V.T.M.B-P — 6/1					
@ 6958 = 23/m ³ — 13					252446 = 23
(54) providing deep holes in abutment — do —					
142 m ³ B.V.T.M.B-P — 1/2					
@ 813 = 26/m ³ — 13					15354 = 72
(55) providing pcc 1:1:5 in Substructure — do —					
51.53 m ³ B.V.T.M.B-P — 1/1					
@ 7170 = 25/m ³ — 13					369482 = 95
(56) 8/44 14430 Bar in Substructure — do —					

Particulars	Details of actual measurement				Contents area
	No.	L	B	D	
4.23 MT	B.V.T.M.B-P			3/1	
1.31 MT			P	5/1	
5.94 MT	(A) 55996:80/MT			AS	3088.52
(37)	Backfilling behind abutment, wing wall etc. — do —				
67.71 m ³	B.V.T.M.B-P			4/4	
	(A) 3606:07/m ³			AS	24557:8
(38)	providing filter media — do —				
13.34 m ³	B.V.T.M.B-P			4/3	
	(A) 3221:61/m ³			AS	9821:92
(39)	providing key 30 in super structure — do —				
32.69 m ³	B.V.T.M.B-P			8/1	
	(A) 3174:93/m ³			AS	267238:46
(40)	STEEL RY 30 BAR in super structure — do —				
2.75 MT	B.V.T.M.B-P			7/1	
	(A) 53128:50/MT			AS	146103:37
(41)	parapet construction for MTD — do —				
7.85 m ³	B.V.T.M.B-P			8/3	
	(A) 8958:27/m ³			AS	54622:41
(42)	painting on parapet wall — do —				

Continuation is - 15739178:79
15739466:85

[illegible]

File : C:\RAM KUMAR\MISC Files\Bump Integrator\Azamnagar\Singhol To Solkanda\23011156.Xls. Section No. :55.
Name of Customer :M/S Exim Business World Center. Name of Work/ Road :Singhol to Solkanda. Lab Job



Lab Job number :55

Date :23-01-2022

Name of Customer :M/S Exim Bussiness World Center

Name of Work/ Road :Singhaul to Solkanda

Sr.no	Location of test (in km)	Corrected U.I value (mm/km)	Road catagory
1	0.100	2593	G
2	0.200	2400	G
3	0.300	2012	G
4	0.400	1818	G
5	0.500	2109	G
6	0.600	1915	G
7	0.700	1818	G
8	0.800	2109	G
9	0.900	1721	G
10	1.000	1915	G
11	1.100	2593	G
12	1.200	3659	G
13	1.300	2497	G
14	1.400	2593	G
15	1.500	3078	G
16	1.600	3466	G
17	1.700	3175	G
18	1.800	2787	G
19	1.900	2593	G
20	2.000	2593	G
21	2.100	3272	G
22	2.200	3562	G
23	2.300	2690	G
24	2.400	2497	G
25	2.500	3562	G
26	2.600	2787	G
27	2.700	3369	G
28	2.800	2109	G
29	2.900	2012	G
30	3.000	2206	G
31	3.100	2400	G
32	3.200	2593	G
33	3.300	2787	G
34	3.400	2109	G
35	3.500	2497	G
36	3.600	2593	G
37	3.700	3175	G
38	3.800	3369	G
39	3.900	3562	G
40	4.000	3272	G
41	4.100	2884	G
42	4.200	3078	G
43	4.300	3272	G
44	4.400	3466	G
45	4.500	1721	G

from 24/01/22
SB

24/01/22

24/01/22

Sr.no	Location of test (in km)	Corrected U.I value (mm/km)	Road catagory
46	4.600	2981	G
47	4.700	2593	G
48	4.800	3466	G
49	4.900	3078	G
50	5.000	2109	G
51	5.100	2497	G
52	5.200	3272	G
53	5.300	1818	G
54	5.400	2787	G
55	5.500	2109	G
56	5.600	2497	G
57	5.700	2593	G
58	5.800	2690	G
59	5.900	3369	G
60	6.000	3562	G
61	6.100	3272	G
Average IRI Value		2704.61	

rfm
24/01/22
SB

24/01/22

24/01/22

Lab Job number :55

Date :23-01-2022

Name of Customer :MS Exim Bussiness World Center
Name of Work/ Road :Singhaur to Solkanda

Date	Time	Section	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY	Latitude	Longitude	Event
		No.						ROAD			
23/1/22	11:30:46	55	0.1	260	0	2600	2593	G	25.55473	87.78386	Normal
23/1/22	11:31:0	55	0.1	240	20.2	2400	2400	G	25.55317	87.78348	Normal
23/1/22	11:31:21	55	0.1	200	30.3	2000	2012	G	25.55256	87.78293	Normal
23/1/22	11:31:21	55	0.1	180	30.3	1800	1818	G	25.55176	87.78264	Normal
23/1/22	11:31:21	55	0.1	210	30.3	2100	2109	G	25.55081	87.78239	Normal
23/1/22	11:31:56	55	0.1	190	30.3	1900	1915	G	25.54997	87.78232	Normal
23/1/22	11:32:0	55	0.1	180	30.3	1800	1818	G	25.54914	87.78194	Normal
23/1/22	11:32:0	55	0.1	210	30.3	2100	2109	G	25.54834	87.78145	Normal
23/1/22	11:32:31	55	0.1	170	30.3	1700	1721	G	25.54746	87.78126	Normal
23/1/22	11:32:31	55	0.1	190	30.3	1900	1915	G	25.54652	87.78130	Normal
23/1/22	11:33:0	55	0.1	260	30.3	2600	2593	G	25.54559	87.78138	Curve
23/1/22	11:33:0	55	0.1	370	20.2	3700	3559	G	25.54508	87.78189	Normal
23/1/22	11:33:7	55	0.1	250	30.3	2500	2497	G	25.54424	87.78174	Normal
23/1/22	11:33:7	55	0.1	260	30.3	2600	2593	G	25.54332	87.78161	Normal
23/1/22	11:34:3	55	0.1	310	10.1	3100	3078	G	25.54257	87.78145	Normal
23/1/22	11:34:39	55	0.1	350	20.2	3500	3466	G	25.54170	87.78121	Normal
23/1/22	11:34:39	55	0.1	320	10.1	3200	3175	G	25.54082	87.78090	Normal
23/1/22	11:35:14	55	0.1	280	20.2	2800	2787	G	25.53991	87.78085	Normal
23/1/22	11:35:14	55	0.1	260	20.2	2600	2593	G	25.53945	87.78081	Normal
23/1/22	11:35:14	55	0.1	260	20.2	2600	2593	G	25.53901	87.78082	Curve
23/1/22	11:35:49	55	0.1	330	20.2	3300	3172	G	25.53818	87.78078	Normal
23/1/22	11:36:24	55	0.1	360	10.1	3600	3562	G	25.53729	87.78103	Normal
23/1/22	11:37:0	55	0.1	270	10.1	2700	2690	G	25.53664	87.78089	Normal
23/1/22	11:37:35	55	0.1	250	20.2	2500	2497	G	25.53573	87.78092	Normal
23/1/22	11:37:35	55	0.1	360	20.2	3600	3562	G	25.53485	87.78091	Culvert
23/1/22	11:38:10	55	0.1	280	10.1	2800	2787	G	25.53391	87.78084	Curve
23/1/22	11:38:45	55	0.1	340	10.1	3400	3369	G	25.53304	87.78077	Normal
23/1/22	11:38:45	55	0.1	210	20.2	2100	2109	G	25.53248	87.78075	Normal
23/1/22	11:38:45	55	0.1	200	20.2	2000	2012	G	25.53211	87.78080	Normal
23/1/22	11:39:21	55	0.1	220	30.3	2200	2106	G	25.53149	87.78014	Normal
23/1/22	11:39:21	55	0.1	240	30.3	2400	2400	G	25.53081	87.77948	Normal
23/1/22	11:39:21	55	0.1	260	30.3	2600	2593	G	25.53004	87.77898	Normal
23/1/22	11:39:56	55	0.1	280	30.3	2800	2787	G	25.52919	87.77857	Normal
23/1/22	11:39:56	55	0.1	210	40.4	2100	2109	G	25.52828	87.77838	Normal

$$Y = 0 \cdot X^2 + 0.969 \cdot X + 74.60$$

$$X = 3300$$

$$Y = 3272$$

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

 23/1/22
 23/1/22
 23/1/22

 23/1/22
 23/1/22
 23/1/22

 23/1/22
 23/1/22
 23/1/22

Date	Time	Section	Length	Bumps	Speed	OR	IRI	CATEGORY	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD			
23/1/22	11:41:7	55	0.1	250	20.2	2500	2497	G	25.52744	87.77835	Normal
23/1/22	11:41:7	55	0.1	250	20.2	2500	2593	G	25.52652	87.77827	Normal
23/1/22	11:41:42	55	0.1	320	10.1	3200	3175	G	25.52562	87.77825	Curve
23/1/22	11:42:17	55	0.1	340	10.1	3400	3369	G	25.52481	87.77810	Normal
23/1/22	11:42:52	55	0.1	360	10.1	3600	3562	G	25.52497	87.77716	Curve
23/1/22	11:42:52	55	0.1	330	10.1	3300	3272	G	25.52523	87.77621	Normal
23/1/22	11:43:28	55	0.1	290	10.1	2900	2884	G	25.52452	87.77595	Curve
23/1/22	11:43:28	55	0.1	310	20.2	3100	3078	G	25.52368	87.77555	Curve
23/1/22	11:44:3	55	0.1	330	10.1	3300	3272	G	25.52304	87.77493	Curve
23/1/22	11:44:38	55	0.1	350	10.1	3500	3466	G	25.52239	87.77423	Normal
23/1/22	11:45:16	55	0.1	170	10.1	1700	1721	G	25.52185	87.77382	Normal
23/1/22	11:45:58	55	0.1	300	10.1	3000	2981	G	25.52095	87.77370	Normal
23/1/22	11:46:36	55	0.1	260	20.2	2600	2593	G	25.52019	87.77328	Normal
23/1/22	11:47:10	55	0.1	350	10.1	3500	3466	G	25.51922	87.77257	Normal
23/1/22	11:47:58	55	0.1	310	10.1	3100	3078	G	25.51985	87.77171	Normal
23/1/22	11:48:33	55	0.1	210	20.2	2100	2109	G	25.51975	87.77061	Normal
23/1/22	11:49:8	55	0.1	250	10.1	2500	2497	G	25.51950	87.76982	Normal
23/1/22	11:49:53	55	0.1	330	10.1	3300	3272	G	25.51919	87.76894	Normal
23/1/22	11:50:26	55	0.1	180	20.2	1800	1818	G	25.51874	87.76804	Normal
23/1/22	11:50:56	55	0.1	280	30.3	2800	2787	G	25.51839	87.76716	Normal
23/1/22	11:51:37	55	0.1	210	40.4	2100	2109	G	25.51803	87.76628	Normal
23/1/22	11:52:7	55	0.1	250	20.2	2500	2497	G	25.51778	87.76527	Normal
23/1/22	11:53:12	55	0.1	260	20.2	2600	2593	G	25.51814	87.76439	Normal
23/1/22	11:53:52	55	0.1	270	10.1	2700	2690	G	25.51841	87.76382	Curve
23/1/22	11:54:27	55	0.1	340	20.2	3400	3369	G	25.51871	87.76324	Normal
23/1/22	11:55:2	55	0.1	360	20.2	3600	3562	G	25.51897	87.76257	Normal
23/1/22	11:55:2	55	0.1	330	10.1	3300	3272	G	25.51911	87.76211	Normal

23/1/22

23/1/22

23/1/22

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, क्षेत्रीय प्रयोगशाला, पूर्णियाँ।**

पत्रांक.....559...../दिनांक.....05-08-2011

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
क्षेत्रीय प्रयोगशाला, पूर्णियाँ।

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल **मन्दिरी।**

विषय :-

निर्माण कार्यों प्रयुक्त होने वाली सामग्रियों के नमूने की जाँच कर जाँच फल प्रतिवेदन भेजने के संबंध में।

महोदय,

उपर्युक्त विषय के संबंध में सूचित करना है कि निर्माण कार्यों में प्रयुक्त होनेवाली सामग्रियों के नमूने की जाँच कर जाँचफल प्रतिवेदन आपके आवश्यक कार्रवाई हेतु भेजी रही है।

क्र० सं०	पथ नाम	योजना का नाम	नमूने का जाँचफल
1.	Maint-7 road from Singhaul to Sol Kandha road	MR/3054	G.S.B-II, W.B.M.C. III S.D.B.C (MIX) sample.
2.	Maint-7 road from Mehudibari to Belunda road.	MR/3054	G.S.B-II, W.B.M.C. III S.D.B.C (MIX) sample.

अनु०-यथोक्त।

[Signature]

[Signature]
19/8/11

[Signature]
19/8

विश्वासभाजन

[Signature]
05/08/2011

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
क्षेत्रीय प्रयोगशाला, पूर्णियाँ

OFFICE OF THE EXECUTIVE ENGINEER R.W.D. REGIONAL
LABORATORY, PURNER, (BIHAR)

RESULT OF BITMEN CONTENT OF MIX SAMPLE

Name of work Maint of road from Singhaur to Name of Division Manikheri
Salkandha road.
Package no./ngt.no. MRI 3054 Name of Agency Exim Business world center.
Sample Collected by A.E.R.W.D. (u) dlv. Anandpur 440.230 dt- 27-7-21
Location SDDM Wt. of sample taken 1000gms.

Sl.No.	Sample No.	Identification No.	Wt. of sample b.o.	Wt. of sample a.c.	Loss wt.	Average	% of bitmen content	Remarks
1.	P.	S1	330	314.0	16.0			
2.	Q	S2	321	305	16.0	15.33	5.09%	
3.	R	S3	298	284	14.0			

Copy to Executive Engineer R.W.D. (u) dlv. Manikheri

Supitending Engineer

Chief Engineer Bihar Patna

kgrok
LA 5/8/21

10/8/21

10/8/21

10/8/21

05/08/2021
EXECUTIVE ENGINEER
RURAL WORKS DEPT.
REGIONAL LABORATORY
PURNER.

OFFICE OF THE EXECUTIVE ENGINEER

RURAL WORKS DEPARTMENT, REGIONAL LABORATORY, PURNEA

RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE

NAME OF THE ROAD: Main road from singhaul to Sakandha road

PACKAGE NO. UNDER P.M.G.S.Y. MR/3054 NAME OF THE WORKS DIVISION Moukari

NAME OF WORK WBM W III NAME OF WORKS CIRCLE Purnea

NATURE OF SAMPLE Stone metal W III SAMPLE COLLECTED BY: A.E.R.W.D. W.D. Singh

NAME OF AGENCY Exim Business world center LOCATION: SRM

NAME OF AGENCY			FLAKINESS INDEX		WATER ABSORPTION		REMARKS
S.NO	AIM		TEST VALUE	REQUIRED VALUE (MAX)	TEST VALUE	REQUIRED VALUE (MAX)	
	TEST VALUE	REQUIRED VALUE (MAX)	1		5	6	
1	1	2	3	4			
1	9.84	40%			0.72%	3.0%	

SEVE ANALYSIS FOR GRADATION OF Stone metal W III

WEIGHT OF SAMPLE TAKEN: 1000 KG.

S.NO	I.S. SIEVE SIZE DESIGNATION (MM)	WT OF MIX RETAINED	% OF WEIGHT RETAINED	CUMULATIVE % OF WT. RETAINED	% OF WEIGHT PASSING	REQUIRED VALUE IN %	REMARKS
1	1	0	0	0	100	100	
2	63	328	3.28	3.28	96.72	95-100	
3	53	2796	27.96	31.24	68.76	65-90	
4	45	6021	60.21	91.45	8.55	0-10	
5	22.4	761	7.61	99.06	0.94	0-5	
6	11.2						

LETTER NO.

COPY TO:

E.E.R.W.D. WORKS DIVISION Moukari

S.E.R.W.D. WORKS CIRCLE

S.E. CUM STATE QUALITY CO-ORDINATOR, BIHAR, PATNA

CHIEF ENGINEER R.W.D. BIHAR, PATNA

REGIONAL LABORATORY,
R.W.D. PURNEA

REGIONAL LABORATORY,
R.W.D. PURNEA

CMA
05/08/2014
EXECUTIVE ENGINEER,
REGIONAL LABORATORY,
R.W.D. PURNEA

**OFFICE OF THE EXECUTIVE ENGINEER
REGIONAL LABORATORY
RURAL WORK DEPARTMENT, PURNEA
GRADATION FOR GRANULAR SUB BASE MATERIAL**

- 1) Name of Work: Maint + road from singhaul to solkandha Road.
 2) Name of Scheme: MR/3054
 3) Name of Agency: EXIM BUSINESS world center.
 4) Sample Collected by: A.E. R.W.D (W) sub div. Jamnagar 4-7-2021
 5) Nature of Samples: G.S.B-I Staff:
 6) Location: 500M. Date of Collection: 3/8/21
Date of Test: 5/8/21

Sl. No.	IS Sieve Designation	Weight Retained.	Wt of sample Taken - <u>23.295K</u>			by weight passing the Sieve (Required Value)			Remarks
			A Wt retained.	% of cumulative retained.	% of passing.	Grading-I	Grading-II	Grading-III	
1	75	—	—	—	—	100	—	—	Accepted
2	5	0	0	0	100	—	100	—	
3	20	11135	47.79	47.79	52.21	55-75	50-80	100	
4	4.75	4274	18.34	66.13	33.87	10-30	15-35	24.15	
5	0.075	7668	32.91	99.04	0.96	0-10	<10	<10	

Copy for

- 1) 1
 2) 2
 3) 3
 4) 1 Regional Laboratory Manikani

By
L.A. 5/8/21
and

A.E.
5/8/21

5/8/21

5/8/21
 E.E.
 Regional Laboratory
 R.W.D. Purnea