

Inspection Report of Flood Damage work

Name of PIUs:- RWD Works Division, ~~Darbhanga~~

Bizaul Benipatti

Name of Block/Road:-

Bizaul / Patunia To Jagnathpur

A. For Road

1. Damage Location Chainage:- *823M — 1500M, 1500M — 2800M, 2800 — 4001M — 4883M*
2. Damage Length :- *6118M — 8331M, 8331M — 9207M -*
3. Nature of Damage :- *Road cut*
4. Details of Restoration Works
 - i. Material being used in Restoration works:- *Brick lat*
 - ii. Equipment's /Tools being used in Restoration works
 - iii. Procedure taken up in Restoration works:- *Brick lat filling*
 - iv. Restored Length:- *3218.30M -*

B. For Bridge

1. Damage Location Chainage:-
2. Damage Length :-
3. Nature of Damage :-
4. Details of Restoration Works
 - i. Material being used in Restoration works:-
 - ii. Equipment's /Tools being used in Restoration works:-
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:-

NA.

Laxmi
Signature of JE/AF/6/11/24
BE

m.j. INTS
Signature *E.C. Benipatti*
(Name of Inspection)

ABSTRACT OF COST.

Road name — Patania to Sagnathpur.
Block — Biraoul,

Providing and filling brick lat in ditches
including the cost of labour and material
all complete job -

$$\text{Total qty (A+B)} = 467.60 \text{ M}^3 + 233.69 \text{ M}^3 \\ = 701.29 \text{ M}^3$$

$$\text{Rs } 2004.96 / \text{M}^3 \text{ ————— Rs } 1406058 = 00$$

$$\text{Rs } 1406058 = 00$$

$$(+)\text{ Rs } 14061 = 00$$

$$(+)\text{ Rs } 168727 = 00$$

$$(+)\text{ Rs } 72373 = 00$$

$$\text{Rs } 1661219 = 00$$

Add 1% for Labour Cess

Add 12% for GST

Add 10% for S. Fee

Say Rs 16.613

[Signature]
5/11/21
JE

[Signature]
GST/11/21
AE

[Signature]
EE 5/11/21

Post facto T/S recorded for Rs 16,61,300 = 00 in words
(Sixteen lakh sixty one thousand three hundred only) in reference to
letter No 2266 date 28/12/21 by EE RWD Benipatti.

[Signature]
17/5/22
Superintending Engineer
R.W.D. (W) CIRCLE, DARBHANGA
11/05/22

Name of Road :-		Appendix I PATANIA TO JAGNATHPUR Brick Bats filling			PART A
Sl. N.	Chainage	L	W	D	Q
1	823 M	RHS	5.2 x (0.90 + 1.20	) / 2 x 0.150	= 0.82 m3 ✓
2	905 M	RHS	11 x (0.90 + 1.30 + 1.60 +	) / 3 x 0.250	= 3.48 m3 ✓
3	1009 M	RHS	4 x (1.30 + 1.40	) / 2 x 0.150	= 0.81 m3 ✓
4	1054 M	Center	7.2 x (1.70 + 2.00	) / 2 x 0.075	= 1.00 m3 ✓
5	1066 M	Center	22.4 x (2.00 + 2.30	) / 2 x 0.150	= 7.22 m3 ✓
6	1105 M	LHS	2 x 1.00	x 0.075	= 0.15 m3 ✓
7	1112 M	LHS	25.8 x (1.80 + 1.00	) / 2 x 0.115	= 4.15 m3 ✓
8	1185 M	RHS	8.4 x (0.70 + 1.00	) / 2 x 0.075	= 0.54 m3 ✓
9		LHS	4.2 x (0.70 + 1.00	) / 2 x 0.075	= 0.27 m3 ✓
10	1200 M	RHS	1.2 x 0.60	x 0.075	= 0.05 m3 ✓
11		LHS	1.9 x 0.90	x 0.075	= 0.13 m3 ✓
12	1208 M	LHS	5 x (1.00 + 0.70	) / 2 x 0.075	= 0.32 m3 ✓
13		RHS	1.6 x 0.70	x 0.075	= 0.08 m3 ✓
14	1425 M	LHS	7.2 x (0.6 + 0.7	) / 2 x 0.075	= 0.35 m3 ✓
15		RHS	13.2 x (0.7 + 0.7	) / 2 x 0.075	= 0.69 m3 ✓
16	1461 M		28.2 x (3.1 + 3.0	) / 2 x (0.075 + 0.150) / 2 =	9.68 m3 ✓
17	1500 M	LHS	13.6 x (1.1 + 1.2	) / 2 x 0.075	= 1.17 m3 ✓
18	1512 M	RHS	1.1 x 0.8	x 0.075	= 0.07 m3 ✓
19	1522.40 M	RHS	10.4 x 0.7	x 0.075	= 0.55 m3 ✓
20	1585.0 M	LHS	3.6 x (0.8 + 1.0	) / 2 x 0.075	= 0.24 m3 ✓
21		RHS	3 x 0.9	x 0.075	= 0.20 m3 ✓
22	1611.50 M	LHS	0.8 x 0.6	x 0.075	= 0.04 m3 ✓
23		RHS	15 x (0.8 + 1.0	) / 2 x 0.075	= 0.88 m3 ✓
24	1624 M	LHS	2 x 0.4	x 0.075	= 0.06 m3 ✓
25		RHS	1 x 0.5	x 0.075	= 0.04 m3 ✓
26		LHS	7.9 x 0.6	x 0.075	= 0.36 m3 ✓
27	1628 M	RHS	1.3 x 0.5	x 0.075	= 0.05 m3 ✓
28	1629 M	Center	6.15 x (3.3 + 3.1	) / 2 x (0.130 + 0.150) / 2 =	2.76 m3 ✓
29	1655 M	LHS	1.8 x 0.8	x 0.075	= 0.11 m3 ✓
30		RHS	2 x 0.8	x 0.075	= 0.12 m3 ✓
31	1727 M	RHS	6.2 x (1.2 + 1.7	) / 2 x 0.075	= 0.67 m3 ✓
32	1740 M	LHS	12 x (0.5 + 0.8	) / 2 x 0.075	= 0.59 m3 ✓
33		RHS	6 x (0.9 + 1.2 + 0.60	) / 3 x 0.075	= 0.41 m3 ✓
34	1753 M	RHS	3.6 x (1.3 + 0.9	) / 2 x 0.075	= 0.30 m3 ✓
35		LHS	7 x (0.8 + 0.6 + 0.50	) / 3 x 0.075	= 0.33 m3 ✓
36	1769 M	LHS	4.3 x (0.5 + 1.4	) / 2 x 0.075	= 0.31 m3 ✓
37	1773 M	RHS	3.4 x (0.5 + 0.1	) / 2 x 0.075	= 0.08 m3 ✓
38		LHS	1.8 x 0.7	x 0.075	= 0.09 m3 ✓
39	1788 M	RHS	12 x (1.0 + 1.1 + 0.70	) / 3 x 0.075	= 0.84 m3 ✓
40		LHS	8 x (0.6 + 0.7	) / 2 x 0.075	= 0.39 m3 ✓
41	1811 M	RHS	3 x 0.6	x 0.075	= 0.14 m3 ✓
42	1814 M	RHS	20 x (0.9 + 1.0	) / 2 x 0.150	= 2.85 m3 ✓
43	1846 M	LHS	5.9 x (1.2 + 1.4	) / 2 x (0.075 + 0.150) / 2 =	0.86 m3 ✓

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44	RHS	5.2 x (1.5 + 1.7	/ 2 x (0.075 + 0.150	) / 2 =	0.94 m3
45 1867 M	LHS	1.9 x (1.0	x 0.075	=	0.14 m3
46	RHS	1.1 x (0.5	x 0.075	=	0.04 m3
47	Center	6.75 x (3.5 + 3.4	/ 2 x 0.200	=	4.66 m3
48 1903 M	RHS	1.6 x (0.7 + 1.9	/ 2 x 0.115	=	0.24 m3
49	LHS	11 x (1.1 + 1.5 + 0.80	) / 3 x 0.150	=	1.87 m3
50	RHS	5 x (0.6 + 0.9	) / 2 x 0.075	=	0.28 m3
51 1904 M		6.5 x (3.3 + 0.0	x 0.150	=	3.22 m3
52		2.2 x (0.8 + 1.2	) / 2 x 0.075	=	0.17 m3
53 1925 M	RHS	2.7 x (1.4 + 1.5	) / 2 x 0.150	=	0.59 m3
54	LHS	7.2 x (0.7 + 1.2	) / 2 x 0.115	=	0.79 m3
55 1935 M	LHS	4 x (0.7 + 0.6	) / 2 x 0.075	=	0.20 m3
56	RHS	7.9 x (1.1 + 0.9	) / 2 x 0.115	=	0.91 m3
57	Center	3.5 x (2.2 + 1.3	) / 2 x 0.150	=	0.92 m3
58 1952 M		7.3 x (0.7 + 1.5 + 1.20	) / 3 x (0.075 + 0.150	) / 2 =	0.93 m3
59		6.4 x (2.9 + 2.7	) / 2 x (0.450 + 0.150	) / 2 =	5.38 m3
60 1966 M		17.6 x (1.1 + 2.0 + 1.00	) / 3 x (0.225 + 0.150	) / 2 =	4.51 m3
61 2045 M		2.6 x (1.1 + 1.2	) / 2 x 0.075	=	0.22 m3
62 2098 M	LHS	6.5 x (0.7 + 1.0	) / 2 x 0.075	=	0.41 m3
63	RHS	5.7 x (0.8 + 1.0	) / 2 x 0.075	=	0.38 m3
64 2108 M	LHS	5.2 x (0.6 + 1.0	) / 2 x 0.075	=	0.31 m3
65	RHS	15 x (1.0 + 1.2	) / 2 x 0.150	=	2.48 m3
66	LHS	7.3 x (0.6 + 0.8	) / 2 x 0.075	=	0.38 m3
67 21358 M	LHS	1.3 x 0.6	x 0.075	=	0.06 m3
68 2142 M	RHS	7.4 x (0.6 + 0.8	) / 2 x 0.115	=	0.50 m3
69	LHS	4.6 x (0.4 + 0.5	) / 2 x 0.115	=	0.24 m3
70 2154 M	Center	9 x (3.0 + 3.2	) / 2 x 0.150	=	4.19 m3
71 2165 M	LHS	4.5 x (1.0 + 1.2	) / 2 x 0.150	=	0.74 m3
72	RHS	2.2 x (0.9 + 1.3	) / 2 x 0.075	=	0.18 m3
73 2176 M	LHS	4.3 x (1.3 + 1.7	) / 2 x 0.115	=	0.74 m3
74 2206 M	LHS	2.6 x 0.6	x 0.075	=	0.12 m3
75 2212 M	LHS	2.3 x 0.5	x 0.075	=	0.09 m3
76	RHS	7.6 x (0.8 + 0.6	) / 2 x (0.075 + 0.150	) / 2 =	0.60 m3
77 2222 M	LHS	2 x 0.5	x 0.075	=	0.08 m3
78 2225 M	LHS	6.3 x (0.9 + 1.1	) / 2 x 0.075	=	0.47 m3
79	RHS	3.2 x (0.9 + 1.2	) / 2 x (0.075 + 0.150	) / 2 =	0.38 m3
80 2228.20 M Full width		4 x 3.2	x 0.225	=	2.88 m3
81 2235 M		2 x (0.5	x 0.075	=	0.08 m3
82 2257 M	LHS	6.5 x (1.2 + 1.2	) / 2 x 0.075	=	0.59 m3
83 2264 M		1 x 0.8	x 0.075	=	0.06 m3
84 2268 M	Near Slab	3.6 x (3.0 + 2.7	) / 2 x 0.150	=	1.54 m3
85 2282 M	RHS	2.7 x (1.5 + 1.1	) / 2 x 0.075	=	0.26 m3
86 2285 Full width		8 x (2.8 + 3.0	) / 2 x 0.150	=	3.48 m3
87 2293 M	LHS	8.3 x (1.1 + 1.3	) / 2 x 0.075	=	0.75 m3
88 2301 M		7.6 x (3.0 + 2.8	) / 2 x (0.075 + 0.150	) / 2 =	2.48 m3
89 2308.60 M LHS		3 x (1.0 + 0.0	x 0.075	=	0.23 m3

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90 2346.60 MLHS	$3.7 \times (1.0 + 1.3)$	$) / 2 \times 0.075$	$= 0.32 \text{ m}^3$
91 2350 M RHS	$5 \times (1.2 + 1.1)$	$) / 2 \times (0.075 + 0.150)$	$) / 2 = 0.65 \text{ m}^3$
92 2357 M LHS	$2.3 \times (1.2 + 1.5)$	$) / 2 \times 0.075$	$= 0.23 \text{ m}^3$
93 2395 M RHS	5×0.8	$\times (0.075 + 0.150)$	$) / 2 = 0.45 \text{ m}^3$
94 2410 M RHS	$2.6 \times (1.2 + 1.3)$	$) / 2 \times 0.075$	$= 0.24 \text{ m}^3$
95 LHS	$4.5 \times (3.1 + 2.9)$	$) / 2 \times 0.150$	$= 2.03 \text{ m}^3$
96 Center	$5.6 \times (0.8 + 0.9)$	$) / 2 \times 0.075$	$= 0.36 \text{ m}^3$
97	4.3×1.0	$\times 0.075$	$= 0.32 \text{ m}^3$
98	$6.4 \times (2.8 + 2.6)$	$) / 2 \times 0.075$	$= 1.30 \text{ m}^3$
99 2445 M RHS	$10.5 \times (1.0 + 1.2)$	$) / 2 \times 0.075$	$= 0.87 \text{ m}^3$
100 Full width	$16 \times (2.8 + 3.0)$	$) / 2 \times (0.075 + 0.225)$	$) / 2 = 6.96 \text{ m}^3$
101	$3.3 \times (0.6 + 0.8)$	$) / 2 \times 0.075$	$= 0.17 \text{ m}^3$
102 2488 M RHS	1.5×1.0	$\times 0.075$	$= 0.11 \text{ m}^3$
103 2495 M LHS	$9.6 \times (1.2 + 1.9)$	$) / 2 \times (0.075 + 0.150)$	$) / 2 = 1.67 \text{ m}^3$
104 2505 M LHS	$9 \times (1.1 + 1.4)$	$) / 2 \times 0.150$	$= 1.69 \text{ m}^3$
105 RHS	$2 \times (1.1 + 0.8)$	$) / 2 \times 0.115$	$= 0.22 \text{ m}^3$
106 2516 M LHS	$4.5 \times (1.1 + 1.6)$	$) / 2 \times 0.075$	$= 0.46 \text{ m}^3$
107 2536 M LHS	$4.5 \times (0.8 + 0.9)$	$) / 2 \times 0.075$	$= 0.29 \text{ m}^3$
108 RHS	3×1.7	$\times (0.075 + 0.150)$	$) / 2 = 0.57 \text{ m}^3$
109 2547 M Center	$6.5 \times (1.0 + 2.1)$	$) / 2 \times (0.075 + 0.150)$	$) / 2 = 1.13 \text{ m}^3$
110 2554 M RHS	$2.6 \times (0.8 + 0.0)$	$\times 0.075$	$= 0.16 \text{ m}^3$
111 LHS	$2.2 \times (0.6 + 0.0)$	$\times 0.075$	$= 0.10 \text{ m}^3$
112 2559 M LHS	$6.6 \times (0.3 + 0.5 + 0.60)$	$) / 3 \times 0.075$	$= 0.23 \text{ m}^3$
113	$8.5 \times (1.1 + 1.2)$	$) / 2 \times 0.150$	$= 1.43 \text{ m}^3$
114 2577 M LHS	$5.3 \times (2.0 + 2.2)$	$) / 2 \times (0.075 + 0.250)$	$) / 2 = 1.81 \text{ m}^3$
115 RHS	1.7×0.9	$\times 0.075$	$= 0.11 \text{ m}^3$
116 2588 M LHS	$11.6 \times (0.9 + 1.2)$	$) / 2 \times 0.115$	$= 1.40 \text{ m}^3$
117 RHS	$9.2 \times (1.2 + 1.0 + 0.80)$	$) / 3 \times 0.115$	$= 1.06 \text{ m}^3$
118 2621 M LHS	$2.6 \times (1.0 + 0.6)$	$) / 2 \times 0.075$	$= 0.16 \text{ m}^3$
119 2642 M LHS	$5.6 \times (0.85 + 1.3)$	$) / 2 \times 0.075$	$= 0.45 \text{ m}^3$
120 2666 M LHS	$11.7 \times (1.0 + 1.8 + 0.80)$	$) / 3 \times (0.075 + 0.150)$	$) / 2 = 1.58 \text{ m}^3$
121 RHS	$4.2 \times (1.0 + 1.3)$	$) / 2 \times 0.075$	$= 0.36 \text{ m}^3$
122 RHS	3×0.4	$\times 0.115$	$= 0.14 \text{ m}^3$
123 2694 M RHS	$2.3 \times (0.6 + 1.0)$	$) / 2 \times 0.075$	$= 0.14 \text{ m}^3$
124 2720 M RHS	$7.8 \times (0.8 + 1.1)$	$) / 2 \times 0.075$	$= 1.67 \text{ m}^3$
125 LHS	0.5×0.8	$\times 0.075$	$= 0.03 \text{ m}^3$
126 2729 M LHS	$5.9 \times (0.6 + 0.8)$	$) / 2 \times 0.075$	$= 0.31 \text{ m}^3$
127 RHS	$5 \times (0.7 + 0.9)$	$) / 2 \times 0.075$	$= 0.30 \text{ m}^3$
128 2740 M RHS	$6.3 \times (0.4 + 0.6)$	$) / 2 \times 0.075$	$= 0.24 \text{ m}^3$
129 2747 M LHS	$8.4 \times (0.8 + 1.0)$	$) / 2 \times 0.115$	$= 0.87 \text{ m}^3$
130 RHS	4.8×0.5	$\times 0.115$	$= 0.28 \text{ m}^3$
131 2758 M LHS	$3.3 \times (1.0 + 1.2)$	$) / 2 \times 0.075$	$= 0.27 \text{ m}^3$
132 2762.5 M	$10 \times (3.0 + 3.1)$	$) / 2 \times 0.115$	$= 3.51 \text{ m}^3$
133	3×1.0	$\times 0.075$	$= 0.23 \text{ m}^3$
134 2778 M	$8.6 \times (3.0 + 1.7)$	$) / 2 \times 0.150$	$= 3.03 \text{ m}^3$
135 2800 M LHS	$5.7 \times (0.8 + 1.2)$	$) / 2 \times 0.115$	$= 0.66 \text{ m}^3$

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136	RHS	8 x (1.0 + 1.2	) / 2 x (0.075 + 0.150	) / 2 =	0.99 m3
137 2808 M	LHS	4.5 x (1.0 + 1.5	) / 2 x 0.115	=	0.65 m3
138		4.6 x (3.5 + 3.0	) / 2 x (0.075 + 0.150	) / 2 =	1.68 m3
139 2817 M	RHS	8 x (1.0 + 0.6	) / 2 x (0.075 + 0.150	) / 2 =	0.72 m3
140	LHS	12.5 x (0.9 + 1.0	) / 2 x 0.075	=	0.89 m3
141	RHS	8.7 x (1.0 + 0.8	) / 2 x (0.075 + 0.150	) / 2 =	0.88 m3
142 2843 M	Full width	14 x (3.0 + 3.1	) / 2 x (0.075 + 0.150	) / 2 =	4.80 m3
143 2869 M	RHS	2 x 0.8	x 0.075	=	0.12 m3
144	LHS	3.5 x 0.8	x 0.075	=	0.21 m3
145 2878 M	LHS	5 x (2.5 + 2.8	) / 2 x 0.150	=	1.99 m3
146	RHS	1 x 1.5	x 0.150	=	0.23 m3
147 2890 M	Curve	6 x (3.0 + 3.1	) / 2 x 0.300	=	5.49 m3
148 2911 M	LHS	3 x 0.8	x 0.075	=	0.18 m3
149	RHS	2.8 x (1.0 + 1.2	) / 2 x (0.075 + 0.150	) / 2 =	0.35 m3
150	LHS	16.7 x (1.0 + 1.6	) / 2 x (0.075 + 0.150	) / 2 =	2.44 m3
151 2942 M		7 x (0.6 + 1.0	) / 2 x (0.075 + 0.150	) / 2 =	0.63 m3
152	RHS	6.5 x (1.0 + 1.5	) / 2 x (0.075 + 0.150	) / 2 =	0.91 m3
153 2975 M	RHS	18.3 x (1.0 + 1.5	) / 2 x 0.075	=	1.72 m3
154		5 x (0.7 + 0.9	) / 2 x 0.075	=	0.30 m3
155 3005 M	RHS	5.6 x (0.8 + 1.0	) / 2 x 0.075	=	0.38 m3
156	LHS	1 x 0.5	x 0.075	=	0.04 m3
157		3.2 x 1.0	x 0.075	=	0.24 m3
158 3031 M		15 x (0.8 + 1.3 + 0.70	) / 3 x 0.075	=	1.05 m3
159 3030 M		1 x 0.7	x 0.075	=	0.05 m3
160	LHS	5.3 x (0.8 + 1.0	) / 2 x 0.075	=	0.36 m3
161 3037 M	LHS	2 x 1.0	x 0.075	=	0.15 m3
162 3069 M	RHS	11.7 x (1.0 + 1.5	) / 2 x (0.075 + 0.150	) / 2 =	1.65 m3
163 3089 M	Center	5.4 x (2.8 + 3.0	) / 2 x 0.225	=	3.52 m3
164 3092 M		5.2 x (0.6 + 0.8	) / 2 x 0.075	=	0.27 m3
165 3109 M		19.2 x (0.8 + 1.0	) / 2 x 0.075	=	1.30 m3
166	RHS	19.4 x (0.6 + 0.8	) / 2 x 0.075	=	1.02 m3
167 3140 M	LHS	4 x (0.6 + 0.8	) / 2 x 0.075	=	0.21 m3
168	RHS	2 x 0.8	x 0.075	=	0.12 m3
169 3144 M	Center	9 x (2.8 + 3.0	) / 2 x (0.075 + 0.150	) / 2 =	2.94 m3
170 3153 M	LHS	2.5 x (0.8 + 1.0	) / 2 x 0.075	=	0.17 m3
171		1.59 x 0.6	x 0.075	=	0.07 m3
172 3170 M	LHS	2.5 x (0.8 + 1.0	) / 2 x 0.075	=	0.17 m3
173 3173 M	RHS	30.5 x (1.2 + 1.5	) / 2 x (0.150 + 0.225	) / 2 =	7.72 m3
174 3200 M	LHS	12.4 x (0.5 + 0.8	) / 2 x 0.075	=	0.60 m3
175	RHS	1.5 x 0.7	x 0.075	=	0.08 m3
176 3240 M		5.3 x (1.0 + 1.2	) / 2 x 0.115	=	0.67 m3
177 3250 M	LHS	2 x 0.6	x 0.075	=	0.09 m3
178 3252 M	Full width	5.3 x 3.0	x 0.150	=	2.39 m3
179	LHS	4.3 x (0.8 + 0.0	) / 1 x 0.115	=	0.40 m3
180 3284 M	RHS	5 x (1.0 + 1.2	) / 2 x 0.075	=	0.41 m3
181	LHS	2 x (0.6 + 0.8	) / 2 x 0.075	=	0.11 m3

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182 3289 M	Full width	5.4 x (2.6 + 2.8) / 2 x	0.150	=	2.19 m3 ✓
183 3448 M		4 x 2.5 x	0.115	=	1.15 m3 ✓
184 3452 M	Full width	13.4 x (3.0 + 3.2) / 2 x	0.150	=	6.23 m3 ✓
185	LHS	15 x (1.1 + 1.5 + 1.30) / 3 x	0.075	=	1.46 m3 ✓
186	RHS	16 x (1.0 + 0.8) / 2 x	0.075	=	1.08 m3 ✓
187 3480 M	RHS	14 x (1.0 + 1.4 + 0.80) / 3 x	0.075	=	1.12 m3 ✓
188	RHS	3 x (1.6 + 1.7) / 2 x	0.075	=	0.37 m3 ✓
189 3507 M	RHS	2.9 x (0.6 + 0.8) / 2 x	0.075	=	0.15 m3 ✓
190 3512 M	RHS	0.5 x 0.4 x	0.075	=	0.02 m3 ✓
191 3530 M	LHS	1.3 x 1.1 x	0.115	=	0.16 m3 ✓
192 3559 M	LHS	10.3 x (1.1 + 1.0) / 2 x (0.075 + 0.150) / 2 =		=	1.22 m3 ✓
193	RHS	3 x (1.0 + 0.6) / 2 x	0.075	=	0.18 m3 ✓
194 3586 M	RHS	1.8 x 0.9 x	0.075	=	0.12 m3 ✓
195 3610 M	RHS	1.8 x 1.0 x	0.075	=	0.14 m3 ✓
196 3617 M	Center	7.2 x (2.7 + 2.0 + 1.80) / 3 x	0.075	=	1.17 m3 ✓
197 3627 M	LHS	8.5 x (1.3 + 1.0) / 2 x	0.075	=	0.73 m3 ✓
198		1.5 x 1.0 x	0.150	=	0.23 m3 ✓
199	RHS	4.2 x (0.8 + 1.2) / 2 x	0.115	=	0.48 m3 ✓
200 3638 M	LHS	2.2 x (0.6 + 1.0) / 2 x	0.075	=	0.13 m3 ✓
201	Full width	4.4 x (3.7 + 3.2) / 2 x (0.075 + 0.150) / 2 =		=	1.71 m3 ✓
202 3643 M	LHS	3.3 x (1.2 + 0.8) / 2 x	0.075	=	0.25 m3 ✓
203 3786 M		1.5 x 0.6 x	0.075	=	0.07 m3 ✓
204	LHS	5.6 x (0.6 + 0.8) / 2 x	0.075	=	0.29 m3 ✓
205	RHS	6.6 x (0.7 + 1.0) / 2 x	0.075	=	0.42 m3 ✓
206 3805 M	RHS	4.6 x (0.7 + 1.4) / 2 x	0.075	=	0.36 m3 ✓
207	RHS	0.5 x 0.5 x	0.075	=	0.02 m3 ✓
208	RHS	0.5 x 0.5 x	0.075	=	0.02 m3 ✓
209 3811 M	LHS	5.2 x (0.7 + 1.4) / 2 x	0.075	=	0.41 m3 ✓
210 3823 M	LHS	3.7 x (0.8 + 1.0) / 2 x	0.075	=	0.25 m3 ✓
211	Full width	3 x (2.7 + 3.0) / 2 x	0.125	=	1.07 m3 ✓
212 3834 M	LHS	4 x (1.3 + 1.6) / 2 x	0.075	=	0.44 m3 ✓
213 3841 M	LHS	16.4 x (0.6 + 1.2) / 2 x	0.075	=	1.11 m3 ✓
214	RHS	3 x (0.6 + 0.8) / 2 x	0.075	=	0.16 m3 ✓
215 3861 M	LHS	9.7 x (1.0 + 2.7 + 0.80) / 3 x	0.150	=	2.18 m3 ✓
216 3873 M	LHS	3.5 x (0.9 + 1.0) / 2 x	0.075	=	0.25 m3 ✓
217	RHS	3.4 x (0.6 + 0.9) / 2 x	0.075	=	0.19 m3 ✓
218 3879 M	RHS	4.3 x (0.6 + 0.9) / 2 x	0.075	=	0.24 m3 ✓
219 3910 M	LHS	3.7 x (1.5 + 2.0) / 2 x	0.115	=	0.74 m3 ✓
220 3938 M	RHS	4 x (1.0 + 1.5) / 2 x	0.115	=	0.58 m3 ✓
221 3955 M	RHS	2.2 x (1.0 + 1.4) / 2 x	0.115	=	0.30 m3 ✓
222 3961 M	LHS	1 x 1.0 x	0.075	=	0.08 m3 ✓
223 4001 M	LHS	1.5 x (1.0 + 0.8) / 2 x	0.075	=	0.10 m3 ✓
224	RHS	1.4 x 1.0 x	0.075	=	0.11 m3 ✓
225 4005 M	LHS	1.4 x (0.8 + 0.6) / 2 x	0.075	=	0.07 m3 ✓
226 4008 M	LHS	10.2 x (0.8 + 1.0 + 1.20 + 0.00) / 3 x	0.075	=	0.77 m3 ✓
227	RHS	0.8 x 0.5 x	0.075	=	0.03 m3 ✓

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228 4026 M	LHS	14.5 x (1.0 + 1.5	) / 2 x 0.075	= 1.36 m3	✓
229	RHS	1.6 x (1.0 + 1.5	) / 2 x 0.075	= 0.15 m3	
230 4042 M	LHS	4 x (1.1 + 1.3	) / 2 x 0.075	= 0.36 m3	✓
231 4047 M	RHS	4.2 x (1.0 + 1.5	) / 2 x 0.115	= 0.60 m3	
232 4057 M	RHS	5.5 x (1.2 + 1.8	) / 2 x 0.075	= 0.62 m3	✓
233 4090 M	RHS	3.2 x (1.0 + 1.4	) / 2 x 0.075	= 0.29 m3	
234 4162 M	RHS	4.3 x (1.2 + 1.2	) / 2 x (0.075 + 0.150	) / 2 = 0.58 m3	
235 4169 M	RHS	2 x (0.8 + 0.6	) / 2 x 0.075	= 0.11 m3	✓
236	LHS	5.8 x (0.8 + 1.0	) / 2 x 0.075	= 0.39 m3	✓
237 4175 M	Center	3.2 x (4.0 + 4.2	) / 2 x (0.075 + 0.150	) / 2 = 1.48 m3	
238		2.5 x (2.0 + 1.2	) / 2 x 0.075	= 0.30 m3	✓
239 4207 M	RHS	4 x 0.8	x 0.075	= 0.24 m3	
240 4215 M	RHS	1.8 x 1.2	x 0.075	= 0.16 m3	
241 4221 M	LHS	7 x (1.5 + 2.0	) / 2 x (0.150 + 0.075	) / 2 = 1.38 m3	✓
242	RHS	3.07 x (1.0 + 0.9	) / 2 x 0.075	= 0.22 m3	
243 4252 M	RHS	6.5 x (1.1 + 1.4	) / 2 x (0.075 + 0.225	) / 2 = 1.22 m3	
244	LHS	2.8 x (0.7 + 1.2	) / 2 x 0.150	= 0.40 m3	✓
245 4261 M	Center	1.1 x 0.8	x 0.075	= 0.07 m3	✓
246	RHS	1.8 x (0.8 + 1.2	) / 2 x 0.075	= 0.14 m3	
247 4280 M	LHS	1.8 x (1.1 + 0.9	) / 2 x 0.075	= 0.14 m3	✓
248 4298 M	Center	4.2 x (4.0 + 4.2	) / 2 x (0.075 + 0.115	) / 2 = 1.64 m3	✓
249 4309 M	LHS	1.8 x 1.2	x 0.150	= 0.32 m3	
250 4315 M	RHS	8.5 x (2.0 + 3.0 + 2.60	) / 3 x 0.225	= 4.85 m3	
251 4353.5 M	LHS	3.3 x (1.2 + 1.5	) / 2 x 0.075	= 0.33 m3	✓
252 4377 M	RHS	2.5 x (1.4 + 1.0	) / 2 x 0.115	= 0.35 m3	✓
253 4380 M	LHS	2 x (0.8 + 1.0	) / 2 x 0.075	= 0.14 m3	✓
254 4382 M	Center	2.3 x (2.5 + 2.7	) / 2 x 0.075	= 0.45 m3	
255 4386 M	RHS	3.8 x (1.2 + 1.5	) / 2 x 0.075	= 0.38 m3	
256	LHS	1 x 1.0	x 0.075	= 0.08 m3	✓
257 4442 M	RHS	8.3 x (1.3 + 1.6 + 0.80	) / 3 x (0.150 + 0.075	) / 2 = 1.15 m3	✓
258 4454 M	LHS	3.8 x (0.8 + 1.1	) / 2 x (0.150 + 0.075	) / 2 = 0.41 m3	
259 4463 M	Center	6.8 x (4.3 + 4.3	) / 2 x 0.175	= 5.12 m3	
260 4469 M	RHS	1 x 0.4	x 0.075	= 0.03 m3	✓
261		0.5 x 0.5	x 0.075	= 0.02 m3	✓
262 4476 M	LHS	1.6 x (1.4	x 0.075	= 0.17 m3	✓
263 4487 M	RHS	4.3 x (1.0 + 1.0	) / 2 x 0.075	= 0.32 m3	
264 4506 M	LHS	1.5 x 1.0	x 0.115	= 0.17 m3	✓
265	RHS	0.5 x 0.5	x 0.075	= 0.02 m3	✓
266 4530 M	LHS	1 x 1.3	x 0.075	= 0.10 m3	✓
267 4553 M	Center	3.5 x (4.5 + 3.0	) / 2 x 0.175	= 2.30 m3	
268 4570 M	RHS	1.8 x 1.2	x 0.075	= 0.16 m3	✓
269 4587 M	RHS	8.1 x (0.7 + 1.0 + 0.80	) / 3 x 0.075	= 0.51 m3	✓
270 4595 M	RHS	4.7 x (1.8 + 1.8 + 1.20	) / 3 x (0.075 + 0.150	) / 2 = 0.85 m3	✓
271 4601 M	LHS	4.3 x (0.9 + 1.9	) / 2 x 0.075	= 0.45 m3	
272	Center	6.1 x (4.5 + 4.2	) / 2 x 0.125	= 3.32 m3	✓
273 4621 M	LHS	7.7 x (2.2 + 2.7 + 1.90	) / 3 x 0.125	= 2.18 m3	✓

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274 4631 M	RHS	1 x 0.5	x 0.075	= 0.04 m3 ✓
275 4641 M		1.7 x (1.9 + 0.0	) / 2 x 0.075	= 0.12 m3 ✓
276 4653 M	RHS	3.3 x (0.6 + 0.8	) / 2 x 0.075	= 0.17 m3 ✓
277	LHS	0.5 x 0.5	x 0.075	= 0.02 m3 ✓
278 4676 M	LHS	7.4 x (1.0 + 0.8	) / 2 x 0.075	= 0.50 m3 ✓
279	RHS	7.7 x (0.9 + 0.6 + 1.00	) / 3 x 0.075	= 0.48 m3 ✓
280 4693 M	RHS	10 x (1.0 + 1.4	) / 2 x 0.075	= 0.90 m3 ✓
281 4724 M	LHS	1.5 x 1.0	x 0.075	= 0.11 m3 ✓
282 4729 M	LHS	2.4 x (1.0 + 1.5	) / 2 x 0.075	= 0.23 m3 ✓
283 4732 M	RHS	1.4 x 1.2	x 0.075	= 0.13 m3 ✓
284 4760 M	RHS	1.6 x (1.0 + 0.8	) / 2 x 0.075	= 0.11 m3 ✓
285 4762 M	RHS	1.7 x (1.0 + 0.8	) / 2 x 0.075	= 0.11 m3 ✓
286	Center	5.7 x (3.6 + 3.9	) / 2 x 0.175	= 3.74 m3 ✓
287 4773 M	LHS	0.4 x (1.3 + 1.0	) / 2 x 0.075	= 0.03 m3 ✓
288 4783 M	LHS	0.7 x (0.8 + 0.0	) / 2 x 0.075	= 0.02 m3 ✓
289	RHS	3.5 x (1.0 + 1.4	) / 2 x 0.075	= 0.32 m3 ✓
290 4789 M	LHS	0.9 x 1.0	x 0.075	= 0.07 m3 ✓
291 4798 M	LHS	3.5 x (1.0 + 1.2	) / 2 x 0.075	= 0.29 m3 ✓
292 4833 M	LHS	1.8 x (1.0 + 1.5	) / 2 x 0.125	= 0.28 m3 ✓
293 4835 M	RHS	2.2 x (0.7 + 1.1	) / 2 x 0.075	= 0.15 m3 ✓
294 4851 M	RHS	0.5 x 0.5	x 0.075	= 0.02 m3 ✓
295 4878 M	RHS	1.1 x 0.7	x 0.075	= 0.06 m3 ✓
296 4882 M	LHS	0.5 x 0.5	x 0.075	= 0.02 m3 ✓
297 4883 M		4.7 x (1.2 + 1.4	) / 2 x 0.075	= 0.46 m3 ✓
298	RHS	12 x (0.7 + 1.1 + 1.30 + 0.70	) / 4 x 0.075	= 0.86 m3 ✓

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299	LHS	1.6 x (0.7 + 1.0	) / 2 x 0.075	= 0.10 m3
300 4897 M	LHS	5 x (1.2 + 0.8	) / 2 x 0.075	= 0.38 m3
301 4904 M		7.4 x (1.2 + 1.6	) / 2 x 0.075	= 0.89 m3
302 4971 M		13.4 x (1.0 + 0.9	) / 2 x 0.075	= 0.95 m3
303 4984 M		13.9 x (1.0 + 1.4 + 1.40	) / 3 x 0.175	= 3.08 m3
304 4998 M	pokhar	5.7 x (1.0 + 0.8	) / 2 x 0.075	= 0.38 m3
305	Culvert	45 x (3.4 + 3.3	) / 2 x (0.300 + 0.400	) / 2 = 52.76 m3
306	Culvert	8 x (3.4 + 3.3	) / 2 x (0.300 + 0.400	) / 2 = 9.38 m3
307 5057 M	RHS	4.2 x (1.8 + 1.3	) / 2 x 0.075	= 0.49 m3
308 5061 M	RHS	2.7 x (0.4 + 0.8	) / 2 x 0.075	= 0.12 m3
309	RHS	1.8 x 0.7	x 0.075	= 0.09 m3
310 5085 M	LHS	11 x 0.7	x 0.075	= 0.58 m3
311 5098 M	LHS	2 x 1.0	x 0.075	= 0.15 m3
312 5103 M	LHS	2 x (1.0 + 0.7	) / 2 x 0.075	= 0.13 m3
313 5114 M	RHS	4 x (0.5 + 1.0	) / 2 x 0.075	= 0.23 m3
314	LHS	1.7 x (1.0 + 1.3	) / 2 x 0.075	= 0.15 m3
315 5136 M	RHS	7.2 x (1.0 + 1.3	) / 2 x 0.115	= 0.95 m3
316 5143 M	LHS	3.1 x (2.5 + 1.3	) / 2 x 0.075	= 0.44 m3
317 5146 M	Center	5.7 x 2.6 + 0.0	) / 1 x 0.075	= 1.11 m3
318 5152 M		15 x (2.8 + 3.3	) / 2 x 0.075	= 3.43 m3
319 5167 M		15 x (3.3 + 3.4	) / 2 x (0.075 + 0.125	) / 2 = 5.03 m3
320 5182 M		15 x (3.4 + 3.2	) / 2 x 0.300	= 14.85 m3
321 5197 M		15 x (3.2 + 3.2	) / 2 x 0.300	= 14.40 m3
322 5212 M		15 x (3.2 + 2.7	) / 2 x 0.125	= 5.53 m3
323 5227 M		15 x (2.7 + 2.7	) / 2 x 0.325	= 13.16 m3
324 5242 M		4.2 x (1.2 + 1.2	) / 2 x 0.075	= 0.38 m3
325 5246 M		4 x 1.0	x 0.075	= 0.30 m3
326 5250 M		9.6 x 2.6	x 0.225	= 5.62 m3
327 5260 M		6.7 x 3.0	x 0.075	= 1.51 m3
328 5267 M		7 x 2.0	x 0.075	= 1.05 m3
329 5286 M		8.7 x 1.0	x 0.075	= 0.65 m3
330 5295 M		4.5 x 1.0	x 0.075	= 0.34 m3
331 5300 M		16 x (1.1 + 0.9	) / 2 x 0.075	= 1.20 m3
332 5380 M		2.7 x (0.8 + 0.0	) / 2 x 0.075	= 0.08 m3
333 5412 M		5.9 x (1.0 + 0.5	) / 2 x 0.075	= 0.33 m3
334 5725 M (8 x 15=)		120 x (3.0 + 3.5 + 2.80 + 3.50	) / 4 x (0.075 + 0.150 + 0.225) / 3 =	57.60 m3
335		11 x (3.0 + 3.5 + 2.80 + 3.50	) / 4 x (0.075 + 0.150 + 0.225) / 3 =	5.28 m3
336 5856 M		4.4 x (1.0 + 1.2	) / 2 x 0.075	= 0.36 m3
337 5864 M	LHS	2.6 x 1.0	x 0.075	= 0.20 m3
338		1 x 0.5	x 0.075	= 0.04 m3
339 5871 M		6.3 x (1.5 + 1.2	) / 2 x 0.075	= 0.64 m3
340 5877 M		3.8 x (0.6 + 0.8	) / 2 x 0.075	= 0.20 m3
341 5892 M		2.6 x (2.0 + 2.3	) / 2 x 0.075	= 0.42 m3
342 5896 M		1 x (0.6 + 0.8	) / 2 x 0.075	= 0.05 m3

Total

467.60 M3

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Appendix I
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PART B

Sl. N. Chainage	L	W	Brick Bats filling	D	Q
1 6118 M RHS	8.5 x (	0.7 + 1.3 + 1.60	) / 3 x	0.150	
2 LHS	1.7 x (	0.7 + 0.6	) / 2 x	0.150	= 1.53 m3
3	1 x	0.8	x	0.150	= 0.17 m3
4 6182 M LHS	4.9 x (	0.8 + 1.3	) / 2 x (	0.150 + 0.075	= 0.12 m3
5 6197 M LHS	3.8 x (	0.6 + 0.8	) / 2 x (	0.075 + 0.150	) / 2 = 0.58 m3
6 6208 M RHS	6 x (	0.6 + 0.8	) / 2 x	0.075	) / 2 = 0.30 m3
7 6225 M RHS	23 x (	1.0 + 1.5 + 1.80	) / 3 x (	0.075 + 0.225	= 0.32 m3
8 6252 M LHS	1.5 x	1.2	x	0.115	) / 2 = 4.95 m3
9	6.4 x (	3.7 + 4.3	) / 2 x (	0.075 + 0.225	= 0.21 m3
10 6262 M	9.1 x (	1.9 + 2.2 + 1.00	) / 3 x	0.175	) / 2 = 3.84 m3
11 6271 M	4.3 x (	3.2 + 3.4	) / 2 x	0.175	= 2.71 m3
12 6298 M RHS	9.2 x (	1.0 + 1.3 + 1.00	) / 3 x (	0.075 + 0.175	= 2.48 m3
13 LHS	1.5 x	0.8	x	0.075	) / 2 = 1.27 m3
14 6309 M RHS	1.9 x	0.5	x	0.075	= 0.09 m3
15 6333 M RHS	10 x (	0.7 + 1.3 + 1.10	) / 3 x	0.150	= 0.07 m3
16 LHS	9.5 x (	1.2 + 1.6 + 1.40	) / 3 x	0.150	= 1.55 m3
17 Full width	3.4 x (	3.3 + 2.9	) / 2 x	0.075	= 2.00 m3
18	3.3 x (	1.3 + 1.1	) / 2 x	0.075	= 0.79 m3
19 6400 M PIPAL	19.8 x (	0.6 + 1.0 + 1.20 + 1.10	) / 4 x	0.175	= 0.30 m3
20 6412 M RHS	18.5 x (	0.8 + 1.4 + 0.90 + 1.20	) / 4 x (	0.225 + 0.075	= 3.38 m3
21 LHS	2.7 x	0.5	x	0.075	) / 2 = 2.98 m3
22 6438 M LHS	8.2 x (	1.2 + 1.6 + 1.10	) / 3 x	0.275	= 0.10 m3
23 RHS	4.3 x (	0.8 + 0.6	) / 2 x	0.075	= 2.95 m3
24 6467 M 2nd Cul	2.5 x (	1.3 + 1.1	) / 2 x	0.125	= 0.23 m3
25 6476 M 3rd Cul	5.5 x (	3.3 + 3.0	) / 2 x	0.350	= 0.38 m3
26 6486 M RHS	5.3 x (	0.9 + 1.2	) / 2 x	0.075	= 6.06 m3
27 6494 M Nr Tank	9.4 x (	3.3 + 2.7	) / 2 x (	0.075 + 0.350	= 0.26 m3
28 6506 M LHS	9.7 x (	1.5 + 0.5	) / 2 x	0.150	) / 2 = 5.99 m3
29 RHS	4.6 x	1.3	x	0.075	= 1.46 m3
30 6522 M LHS	26 x (	0.9 + 1.2 + 1.10	) / 3 x (	0.150 + 0.100	= 0.45 m3
31 RHS	9.5 x (	0.6 + 1.5 + 2.20	) / 3 x	0.150	) / 2 = 3.47 m3
32 6576 M Center	6.4 x (	3.0 + 3.2	) / 2 x	0.225	= 2.04 m3
33 6594 M LHS	2.7 x (	1.6 + 1.8	) / 2 x	0.125	= 4.46 m3
34 RHS	1.2 x	1.5	x	0.125	= 0.57 m3
35 6595 M RHS	5 x (	1.3 + 1.7 + 1.10	) / 3 x	0.075	= 0.23 m3
36 LHS	2 x	1.0	x	0.075	= 0.51 m3
37 6655 M LHS	1 x	1.5	x	0.075	= 0.15 m3
38 6688 M Center LH	2 x	1.0	x	0.115	= 0.11 m3
39 RHS	2.4 x	0.5	x	0.075	= 0.23 m3
40 6702 M RHS	6.6 x (	1.0 + 1.5	) / 2 x (	0.075 + 0.200	= 0.09 m3
41 6731 M LHS	17.6 x (	1.1 + 1.5 + 1.00	) / 3 x	0.175	) / 2 = 1.13 m3
42 RHS	17.8 x (	0.9 + 1.3 + 1.10	) / 3 x (	0.115 + 0.150	= 2.44 m3
43 6749 M LHS	9.5 x (	1.5 + 2.1 + 1.50	) / 3 x (	0.075 + 0.225	) / 2 = 2.59 m3
					) / 2 = 2.42 m3

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44	6784 M	LHS	10.3 x (0.7 + 1.0 + 0.80	) / 3 x 0.075	=	0.64 m ³
45	6823 M	RHS	3.6 x (0.6 + 0.9	) / 2 x 0.075	=	0.20 m ³
46	6833 M	RHS	4 x (1.2 + 1.1	) / 2 x 0.075	=	0.35 m ³
47	6857 M	LHS	8 x (1.6 + 1.3	) / 2 x (0.075 + 0.150	) / 2 =	1.31 m ³
48	6881 M	LHS	6.5 x (1.1 + 1.4	) / 2 x 0.150	=	1.22 m ³
49		RHS	6 x (1.3 + 1.5	) / 2 x 0.150	=	1.26 m ³
50	6892 M	Nr Dipo	2.5 x (1.4 + 1.1	) / 2 x 0.075	=	0.23 m ³
51	6897 M	RHS	3 x (0.9 + 1.2	) / 2 x 0.075	=	0.24 m ³
52		LHS	1.5 x 0.8	x 0.075	=	0.09 m ³
53	6900 M	Center	4.9 x (3.5 + 3.5	) / 2 x 0.200	=	3.43 m ³
54	6905 M	RHS	4.7 x (0.6 + 1.0	) / 2 x 0.115	=	0.43 m ³
55		LHS	4.5 x (1.3 + 1.0	) / 2 x 0.115	=	0.60 m ³
56	6916 M	RHS	8.3 x 0.5	x 0.075	=	0.31 m ³
57		LHS	2.7 x (1.0 + 1.0	) / 2 x 0.075	=	0.20 m ³
58		Center	5.5 x (3.3 + 3.5	) / 2 x 0.150	=	2.81 m ³
59	6922 M	LHS	10.1 x (0.9 + 1.1	) / 2 x 0.115	=	1.16 m ³
60		RHS	11.3 x (1.3 + 0.7	) / 2 x 0.115	=	1.30 m ³
61	6948 M	RHS	14.6 x (1.1 + 0.9 + 0.60	) / 3 x 0.075	=	0.95 m ³
62		LHS	1.3 x 1.0	x 0.075	=	0.10 m ³
63	7001 M	RHS	1 x 1.5	x 0.075	=	0.11 m ³
64	7029 M	RHS	2.4 x 0.9	x 0.075	=	0.16 m ³
65		LHS	0.7 x 0.6	x 0.075	=	0.03 m ³
66		Nr School	7.2 x (2.8 + 1.5	) / 2 x (0.075 + 0.175	) / 2 =	1.94 m ³
67			7 x (1.2 + 1.4	) / 2 x 0.115	=	1.05 m ³
68			5.6 x (3.4 + 2.8	) / 2 x 0.200	=	3.47 m ³
69			10.8 x (1.2 + 2.3 + 1.90	) / 3 x (0.175 + 0.075	) / 2 =	2.43 m ³
70	7071 M	LHS	3.5 x (0.8 + 1.0	) / 2 x 0.075	=	0.24 m ³
71		RHS	3 x (1.5 + 3.0	) / 2 x 0.075	=	0.51 m ³
72			5.8 x (4.8 + 3.8	) / 2 x (0.075 + 0.225	) / 2 =	3.74 m ³
73	7449 M	LHS	15 x (1.0 + 1.2	) / 2 x 0.300	=	4.95 m ³
74		(Girjananc	5 x (1.0 + 1.2	) / 2 x 0.300	=	1.65 m ³
75			11.4 x (1.2 + 1.5	) / 2 x 0.225	=	3.46 m ³
76	7559 M	RHS	10.1 x (1.0 + 1.2 + 0.60	) / 3 x (0.150 + 0.075	) / 2 =	1.06 m ³
77	7621 M	LHS	1 x 0.9	x 0.075	=	0.07 m ³
78	7694 M	RHS	4 x (0.9 + 0.8	) / 2 x 0.075	=	0.26 m ³
79	7787 M	Center	24.7 x (3.0 + 3.5 + 2.80	) / 3 x (0.075 + 0.300 + 0.45) / 3 =	21.06 m ³	
80	7962 M	LHS	5 x (1.0 + 1.5 + 0.80	) / 3 x 0.125	=	0.69 m ³
81		RHS	3 x (1.0 + 0.6	) / 2 x 0.075	=	0.18 m ³
82		Center	8.8 x 3.2	x 0.115	=	3.24 m ³
83	8307 M	LHS	18 x (0.4 + 0.7 + 1.00 + 0.80	) / 4 x 0.075	=	0.98 m ³
84		RHS	14.4 x (1.2 + 0.7 + 0.60	) / 3 x 0.075	=	0.90 m ³
85	8329 M	LHS	3.9 x (0.5 + 0.7	) / 2 x 0.075	=	0.18 m ³
86			2.4 x (0.5 + 0.7	) / 2 x 0.075	=	0.11 m ³
87	8331 M	Center	9.5 x (3.0 + 2.7 + 2.50	) / 3 x 0.115	=	2.99 m ³
88		LHS	1.5 x (0.8	x 0.075	=	0.09 m ³
89		Center	6.7 x (2.5 + 2.7	) / 2 x 0.075	=	1.31 m ³

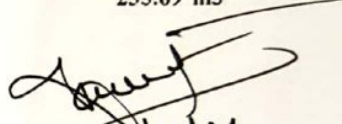
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		$11.2 \times (1.0 + 1.0 + 0.80)$	$) / 3 \times 0.075$	$= 0.78 \text{ m}^3$
90		$4 \times (0.8 + 0.8)$	$) / 2 \times 0.075$	$= 0.24 \text{ m}^3$
91		$3.2 \times (1.2 + 1.0)$	$) / 2 \times 0.075$	$= 0.26 \text{ m}^3$
92	8384 M LHS	$8 \times (3.6 + 2.8)$	$) / 2 \times (0.075 + 0.125 + 0.00) / 2$	$= 2.56 \text{ m}^3$
93	8389 M Center	$2.8 \times (0.7 + 1.3)$	$) / 2 \times 0.075$	$= 0.21 \text{ m}^3$
94	8404 M LHS	$4.5 \times (1.1 + 0.6)$	$) / 2 \times 0.075$	$= 0.29 \text{ m}^3$
95	8407 M LHS	0.7×0.5	$\times 0.075$	$= 0.03 \text{ m}^3$
96	RHS	$12 \times (1.4 + 1.5)$	$) / 2 \times 0.075$	$= 1.31 \text{ m}^3$
97	8413 M LHS	$6.3 \times (0.9 + 1.2)$	$) / 2 \times 0.075$	$= 0.50 \text{ m}^3$
98	RHS	$10.2 \times (0.8 + 0.6 + 1.10)$	$) / 3 \times 0.075$	$= 0.64 \text{ m}^3$
99	8429 M LHS	3.2×0.6	$\times 0.075$	$= 0.14 \text{ m}^3$
100	RHS	$3 \times (0.6 + 0.8)$	$) / 2 \times 0.075$	$= 0.16 \text{ m}^3$
101	RHS	0.6×2.5	$\times 0.075$	$= 0.11 \text{ m}^3$
102	8454 M Center	2.8×1.0	$\times 0.075$	$= 0.21 \text{ m}^3$
103	8458 M	$5.2 \times (3.2 + 3.0)$	$) / 2 \times 0.075$	$= 1.21 \text{ m}^3$
104		3.3×1.0	$\times 0.075$	$= 0.25 \text{ m}^3$
105		1.4×3.0	$\times 0.075$	$= 0.32 \text{ m}^3$
106		$6.3 \times (1.6 + 2.0 + 1.70)$	$) / 3 \times 0.075$	$= 0.83 \text{ m}^3$
107	Center	$11 \times (3.0 + 3.2)$	$) / 2 \times (0.075 + 0.150 + 0.00) / 2$	$= 3.84 \text{ m}^3$
108	RHS	2.5×1.2	$\times 0.075$	$= 0.23 \text{ m}^3$
109		$15 \times (3.1 + 2.8)$	$) / 2 \times 0.075$	$= 3.32 \text{ m}^3$
110	8490 Ni Chira Mil	$15 \times (2.8 + 3.2)$	$) / 2 \times 0.075$	$= 3.38 \text{ m}^3$
111		$15 \times (3.2 + 3.3)$	$) / 2 \times (0.075 + 0.150 + 0.00) / 2$	$= 5.48 \text{ m}^3$
112		$15 \times (3.3 + 3.2)$	$) / 2 \times (0.075 + 0.150 + 0.00) / 2$	$= 5.48 \text{ m}^3$
113		$18 \times (3.2 + 2.8)$	$) / 2 \times 0.075$	$= 4.05 \text{ m}^3$
114		$11.9 \times (2.3 + 2.5)$	$) / 2 \times 0.075$	$= 6.43 \text{ m}^3$
115	8371 M RHS	$15 \times (1.0 + 2.2 + 1.09)$	$) / 3 \times (0.075 + 0.150 + 0.00) / 2$	$= 2.36 \text{ m}^3$
116	8584 M LHS	$3 \times (1.8 + 1.6)$	$) / 2 \times 0.150$	$= 0.77 \text{ m}^3$
117		$7 \times (3.5 + 2.8)$	$) / 2 \times 0.150$	$= 3.31 \text{ m}^3$
118		$10.5 \times (3.1 + 3.2)$	$) / 2 \times 0.075$	$= 2.48 \text{ m}^3$
119	8615 M RHS	$4.3 \times (3.2 + 0.0)$	$) / 2 \times 0.075$	$= 0.52 \text{ m}^3$
120		$15 \times (1.2 + 2.2 + 1.00)$	$) / 3 \times 0.075$	$= 1.65 \text{ m}^3$
121	8630 M LHS	9×1.0	$\times 0.075$	$= 0.68 \text{ m}^3$
122	RHS	$30 \times (1.0 + 1.2 + 0.90)$	$) / 3 \times 0.075$	$= 2.33 \text{ m}^3$
123	8647 M RHS	20×0.6	$\times 0.115$	$= 1.38 \text{ m}^3$
124	LHS	20×0.6	$\times 0.115$	$= 1.38 \text{ m}^3$
125	LHS	$5.2 \times (2.7 + 2.3)$	$) / 2 \times 0.115$	$= 1.50 \text{ m}^3$
126	8679 M			$= 2.97 \text{ m}^3$
	LHS+RH	$18 \times (1.2 + 1.0)$	$) / 2 \times 0.150$	$= 1.07 \text{ m}^3$
127	S(2x90)	$13 \times (1.0 + 1.2)$	$) / 2 \times 0.075$	$= 6.14 \text{ m}^3$
128		$20.2 \times (2.6 + 2.8 + 1.50 + 1.20)$	$) / 4 \times (0.225 + 0.075 + 0.00) / 2$	$= 2.09 \text{ m}^3$
129	PMGSY	$5 \times (3.2 + 3.5)$	$) / 2 \times (0.075 + 0.175 + 0.00) / 2$	$= 1.29 \text{ m}^3$
130		$4.5 \times (3.0 + 2.0)$	$) / 2 \times 0.115$	$= 1.27 \text{ m}^3$
131		$16.4 \times (1.2 + 1.4 + 0.50)$	$) / 3 \times 0.075$	$= 0.81 \text{ m}^3$
132	LHS+RH	10.8×1.0	$\times 0.075$	$= 0.33 \text{ m}^3$
133	S(2x8.20)			
134	LHS			
	RHS	$6.2 \times (0.6 + 0.8)$	$) / 2 \times 0.075$	

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135	Center	4.3 x (2.2 + 2.4	) / 2 x (0.075	=	0.74 m3
136	RHS	3.3 x 1.2	x 0.075	=	0.30 m3
137 8766 M	RHS	16 x (1.0 + 1.2	) / 2 x (0.075 + 0.150 + 0.00) / 2	=	1.98 m3
138	LHS	3 x 1.0	x 0.075	=	0.23 m3
139 8786 M	LHS+RH S(2x6)	12 x (0.9 + 1.5	) / 2 x 0.075	=	1.08 m3
140 8792 M	Center	5.2 x 3.5	x 0.075	=	2.54 m3
141 8873 M	Chakki mi	2.5 x (0.7 + 1.0	) / 2 x 0.075	=	0.16 m3
142 8881 M	Center	4.2 x (3.3 + 3.1	) / 2 x 0.075	=	1.01 m3
143	RHS	5.4 x (1.2 + 1.0	) / 2 x 0.115	=	0.68 m3
144 8922 M	Center	11.8 x (0.8 + 2.0 + 2.30 + 1.10	) / 4 x 0.075	=	1.37 m3
145 9025 M	LHS	2.5 x (0.8 + 0.0	) / 2 x 0.075	=	0.08 m3
146	LHS	7.3 x (1.7 + 1.8	) / 2 x 0.075	=	0.96 m3
147 9050 M	MMGSY	8 x (1.0 + 1.2	) / 2 x 0.075	=	0.66 m3
148 9083 M	LHS	6.2 x (1.0 + 0.8	) / 2 x 0.075	=	0.42 m3
149 9132 M	LHS	11.3 x (1.0 + 1.5	) / 2 x 0.075	=	1.06 m3
150 9185 M	Nr chauk	6.2 x (1.2 + 1.5	) / 2 x 0.075	=	0.63 m3
151 9194 M	RHS	5.2 x (1.2 + 1.4	) / 2 x 0.075	=	0.51 m3
152	LHS	0.5 x 0.8	x 0.075	=	0.03 m3
153 9207 M	LHS	3.4 x 1.3	x 0.075	=	0.33 m3
154		1.9 x 2.5	x 0.175	=	0.83 m3
			Total		233.69 m3

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कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेनीपट्टी।

पत्रांक:- 2187 / बेनीपट्टी

दिनांक:- 13-12-2021

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बेनीपट्टी।

सेवा में,

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, दरभंगा।

विषय:- ग्रामीण कार्य विभाग, कार्य प्रमंडल, विरौल अंतर्गत वर्ष-2021 में आई बाढ़ के कारण क्षतिग्रस्त पथों का Motorable कार्य का स्थल जाँचोंपरांत प्राक्कलन समर्पित करने के संबंध में।

प्रसंग:- भवदीय ज्ञापांक:- 2/42 दिनांक:- 15.11.21
महाशय,

उपर्युक्त विषय के संबंध में कहना है कि कार्य प्रमंडल, विरौल अंतर्गत वर्ष-2021 में आई बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का Motorable कार्य का स्थल जाँचोंपरांत निम्न वर्णित 30 अदद प्राक्कलन समर्पित किया जाता है :-

क्रम संख्या	प्रखंड का नाम	पथ का नाम	राशि (लाख में)
1	Biraul	Rupnagar To Godam Tol.	0.20000
2	Biraul	Sonbehat To Mushahari	0.71500
3	Biraul	Hanuman Nagar To Sonpur	1.90300
4	Biraul	Bhadhar To Nadiyami (MR)	0.28100
5	Biraul	Paghari To Paghari Purab	0.64000
6	Biraul	Bhadhar To Nadiyami (PMGSY)	2.66700
7	Biraul	Afjala To Bharhi	9.05100
8	Biraul	Pokhram REO Road To Chengwara	0.69900
9	Biraul	Pokhram To Kamlabadi	0.15300
10	Biraul	Kataiya To Harijan Tola	0.23800
11	Biraul	Kataiya To Bhadharpatti	3.04800
12	Biraul	Bairiya Tola To Mahthaur	0.35500
13	Biraul	Badlu Sharma Ara Mil To Navdega	0.86900
14	Biraul	Ganesh Chaudhary Ke Ghar Se Dadokhar	0.63100
15	Biraul	Sahasram To Jagdishpur	2.20700
16	Biraul	Pataniya To Jagannathpur	16.61300
17	Biraul	Bairampur To Amba	3.45600

18	Biraul	Banda Chauk Se Arjun Bijuliya	3.38100
19	Biraul	T04 To Khothi	0.48900
20	Biraul	Arga Sahjani To Banduhli	0.11500
21	Biraul	Karpuri Chauk To Arga Usri	6.07300
22	Biraul	L029 To Rajbanni	0.56500
23	Biraul	Tarbana Pul To Kataiya Mushari	6.80900
24	Gaurabauram	Basauli To Maliah Tola	1.41337
25	Gaurabauram	Mansara to Pharsahi	2.99855
26	Gaurabauram	Parsarna To Sarauni	1.47935
27	Gaurabauram	Ashiya To Palwa	0.77144
28	Gaurabauram	Gaghnia Gachi To Bishanpur	0.25427
29	Gaurabauram	Kunauni To Adharpur	9.20390
30	Gaurabauram	Aashi To Bishunpur	3.31485

अनु०:- यथोक्त ।

विश्वासभाजन,

अ.नं/म.नं
13-12-21

कार्यपालक अभियंता,

ग्रा०का०वि०, कार्य प्रमंडल, बेनीपट्टी ।