

Construction of RCC Bridge at Taralaki to

Dhanela gaon me Soti Par pul Nimmam Harry

Schedule XLV-Form No. 134

DIVISION

Darbhanga

SUB-DIVISION

Bahadurpur

Measurement Book

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(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.	
Name of work - Taralahi	to				
Dhaneda Gram me Soti par					
pal Nirman karya					
Agency - Dilip Kumar					
Vill - Akharaghat, Nazipur					
P.O - Sekhpur (Muzaffarpur)					
Rate - 13.63/- below from B.O.Q					
Date of start - 03-09-2020					
Date of completion - 02-03-2021					
Agg. No. - 60 580/2020-21 (State Scheme)					
measurement Date -					
① cleaning and grubbing					
of bridge land and road land					
$4 \times 30 \times 8.00 = 960.0\text{m}^2$					
$1 \times 16.08 \times 8.00 = 128.64\text{m}^2$					
					1008.64\text{m}^2
					0.11 Ha
②	2				
	02/02/2021				02/02/21
	J.F				DS

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>measurement date -</u>					
(1) Reinforcement details for pile in Abutment A & A ₂					
(a) 25 mm ϕ main bar					
22.45 X 22 X 16 X 3.85 = 30432.14 kg					30.432 MT
20 mm ϕ master ring					
3.531 X 11 X 16 X 2.465 = 1530.765 kg					1.5307 MT
8 mm ϕ Ring @ 150 c/c					
3.396 X 134 X 16 X 0.394 = 2868.71 kg					2.8687 MT
				Total -	= 34.8315 MT
(b) For pile (P ₁) Pile					
P ₁ = 6 Nos					
25 mm ϕ main bar					
22.45 X 22 X 6 X 3.85 = 11412.05 kg					11.412 MT
20 mm ϕ master ring					
2000 mm c/c					
3.531 X 11 X 8 X 2.465 = 574.458 kg					0.5744 MT
8 mm ϕ Ring @ 150 mm c/c					
3.396 X 134 X 6 X 0.394 = 1075.77 kg					1.07577 MT
				Total -	= 13.061977 MT
Total weight of reinforcement (atb)					- 47.8934 MT

Continuation

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MT

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Bored casting M ₃₅ grade R.C C Pile					
In Budman + Pier					
20 x 22				= 440 m	
<i>JF</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
20/02/2021					
J.E					
Istd on D/c Bill					
Absract of cast					
(2) Cleaning and grubbing off bridge and road land					
Qty - 0.11 Ha V.T.M.D <i>(1)</i>					
@ 51137.37 /Ha —					5625.00
(2) Reinforcement Supply fitting and placing					
1/150 Bar					
Qty - 47.893477 MT					
V.T.M.D — <i>(2)</i>					
@ 55791.15 /MT — 2672032=					
(3) Bored casting M ₃₅ grade					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B.F = 2677657 = 0$
In Apartment + Pier					
Qty - 440 m K.T.M.B (3/2)					
@ 13450.84 /m — 5918370 = 0					
					8596027 = 0
Less C.I.S.T 12% — 1031523 = 00					
Add labour cost 1.1. = 85960 = 00					
—					9713510 = 00
Less 13.63% — 1323951 = 00					
Total — 8389559 =					
As per Survey 20/02/2021 J.E	<u>✓</u>	①	20/02/2021	RC	