

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.	
Re Cord Entry					
Name of work	construction of H.L				
Bridge	span 2+16.50m at CH-0m in				
house of	sio shankar mighra to				
BRICS	Yajna road Koriyapatti				
Minor	road.				
Head-	mmbsy (GEN)				
Agency-	Shakti Ramfari				
Agreement No -	155BD/mmbsy/2012-23				
Date of Commance -	25/01/2023				
Date of Completion -	24/01/2024				
(1) construction of temporary					
earth is land	all complete 1 No				
(2) construction of temporary					
service road	all				
Complete SB					
1x 16.50	= 16.50m				
6/4/24	6/04/24				
8/24	AE				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Record entry</u>				
(1) S/F and placing HYSD bar reinforcement in foundation					
-- all complete job					
	Abutment 1 (pile 1)				
	<u>main road</u>				
25mmφ -	22 Nos	20.45m	3.851kg	= 1732.56kg	
	<u>Internal Ring</u>				
20mmφ -	10 Nos	3.53m	2.465kg	= 87.01kg	
	<u>outer Ring</u>				
8mmφ -	120 Nos	3.40m	0.394kg	= 160.75kg	
					1980.32 kg
		714	124		
		PR		81.4	
				714/24	
				Q.F.	
	<u>Record entry</u>				
(1) S/F and placing HYSD bar reinforcement in foundation					
-- all complete job					
	Abutment 1 (pile 2)				
	<u>main road</u>				
25mmφ -	22 Nos	20.45m	3.851kg	= 1732.56kg	
	<u>Internal Ring</u>				
20mmφ -	10 Nos	3.53m	2.465kg	= 87.01kg	
	<u>outer Ring</u>				
8mmφ -	120 Nos	3.40m	0.394kg	= 160.75kg	
					1980.32 kg

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(2) Bored Cast-in-situ M35				
Grade RCC Pile - - -				all
complete	OD 6			
Abutment 1 (Pile 1)				
	1x 20x10 m			= 20x10m
8/14/24	8/14/24	8/14/24	8/14/24	
				Record Entry
(1) Bored Cast-in-situ M35				
Grade RCC Pile - - -				all complete
Abutment 1 (Pile 2)				
	1x 20x10 m			= 20x10m
(3) S/F and Placed HYS D bar reinforcement in foundation				
- - - all complete				OD 6
Abutment 1 (Pile 3)				
	main Road			
25mmφ -	22 No x 20x45m x 3.857kg =			1732.58kg
	Internal Rib			
20mmφ -	10 No x 3.53m x 2.465kg =			87.01kg
	outer Rib			
8mmφ -	120 No x 3.40m x 0.394kg =			160.75kg
				1980.32kg
9/14/24	9/14/24	9/14/24	9/14/24	
				AE

Continuation

	Maim road	
25mm -	22 Nov 20, 45mm x 3	851kg = 1732.56 kg
	Imperial Hwy	
20mm -	10 Nov 3, 58mm x 2	465kg = 87.01 kg
	Cutter Hwy	
8mm -	120 Nov 3, 40mm x 1	394kg = 160.75 kg
		1980.32 kg

Continuation

Beh. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
<u>Revised entry</u>				
(1) Boring cast - in situ				
1425 concrete Acc. pile				
-- all complete --				
Abutment 1 (pile 4)				
1x 20x10 = 20.00m				
(2) S/P application				
1425 D bar reinforcement				
in foundation -- all				
Complete -- all				
<u>Abutment 1 (pile 4)</u>				
<u>main steel</u>				
25mm ² - 22 Nos 20.18m x 3.51kg = 1732.56kg				
<u>Internal R/R</u>				
20mm ² - 10 Nos 3.53m x 2.465kg = 87.01kg				
<u>outer R/R</u>				
8mm ² - 120 Nos 3.40m x 0.394kg = 160.75kg				
				1980.32kg
BE 5/11/84				
11/14/84				
J'E				
S/P				
11/10/84				
Q/E				
Continuation				

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Record only</u>					
Date of work -		12/4/24			
(1) Based cast - in situ					
M35 grade Rec pile					
- - all complete job					
Abutment 1 (Pile 5)					
1 x 20" w					20" w
(2) S/F and P. layer					
HSSD bar reinforcement					
in foundation - all					
Complete job					

Abutment 1 (Pile 6)					
Main rod					
25mmφ -	22 No	20" w	3/8" x 3/8" x 3/8"	851 kg	= 1732.56 kg
Internal Riv					
20mmφ -	10 No	3.53 m	2" w	65 kg	= 87.4 kg
Outer Riv					
8 mmφ -	120 No	3.40 m	0.1" w	394 kg	= 160.75 kg
					1980.32 kg

PAK 5/12
12/4/24
O E

SLA
12/4/24
O E

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record entry					
Date of entry - 13/4/24					
(1) Borrel cast - in situ					
M35 grade RCC pile					
all complete job					
Abutment 1 (pile 6)					
1x 20" W					20.14m
(2) S/F and placing M35					
bar reinforcement					
in foundation					
all complete job					

Abutment 1 (Pile 7)					
M35 grade					
25mm ϕ -	22 No x 20.14m x 3.8514				1732.584
	Internal Rly				
20mm ϕ -	10 No x 3.53m x 2.4654				87.014
	outer Rly				
8mm ϕ -	120 No x 3.40m x 0.3944				160.754
					1780.324

GR 13/4/24
JP

SLP
13/04/24
A/E

Continuation

Continuation

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Record entry					
Date of entry - 15/4/24					
(1) Boxed cast-in-situ					
M35 grade RCC pile					
--- all complete job					
Adjusted (20x6.3)					
1x 20x10 = 20x10 m					
(2) S/F cast placing					
HYSD bar reinforcement					
in bandatra - all					
Complete job					

Abstract 2 (Pipe 1)	
	main road
25 mm d -	22 Nov 20.45 m v 3: 851 kg = 1732.56 kg
	internal Rin
20 mm d -	10 Nov 3.53 m v 2: 465 kg = 87.01 kg
	outer Rin
8 mm d -	120 Nov 3:40 v 0: 394 kg = 160.75 kg
	1980.32 kg
	8 Nov 20 15/4/24 OR 8/2 15/4/24 2E

Continuation

Continuation

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[illegible]

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record entry					
Date of entry - 19/4/24					
(1) Bored cast - in - situ					
M35 grade Rec pile					
- all Complete OK					
Abutment 2 (Pile 4)					
1 x 20.10 = 20.10m					
(2) STF and placing					
145 SD bar reinforcement					
in bandation - all					
Complete OK					
Abutment 2 (Pile 5)					
Main rod					
25mm - 22 Nos x 20.45m x 3.85kg = 1732.56kg					
Internal Ring					
20mm - 10 Nos x 3.53m x 2.46kg = 87.01kg					
Outer Ring					
8mm - 120 Nos x 3.40m x 0.39kg = 160.75kg					
					1980.32kg
1914					
0.8					
19/4/24					
15/4/24					
15/4/24					
Continuation					

Continuation

Continuation

Sch. XLV-Form No. 134				15	Contents of area
Particulars	Details of actual measurement			D.	
	No.	L.	B.		
Record entry					
Date of entry -			22/4/24		
(1) Borewell cast-in -			518		
M35 grade RCC pile					
- all complete					
Abutment 2 (Pile 7)					
1 x 20' 0"					20.000M
(2) S/F and placing					
HSSD bar reinforcement					
in foundation - all					
Complete					
Abutment 2 (Pile 8)					
Mason work					
25mm -	22 Nos	20.45 M x 3.85	119		1732.56 kg
Internal Riv					
20mm -	10 Nos	3.53 M x 2.46	57		87.01 kg
Outer Riv					
8mm -	120 Nos	3.40 M x 0.39	46		160.75 kg
					1980.32 kg
22/4/24					
S/L					
22/4/24					
S/F					

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Record entry				
Date of entry — 23/4/24				
(1) Boxed Cast-in-situ				
M35 grade RCC pile				
— all complete OK				
Abutment 2 (pile 8)				
1x 20' 0" = 20.00m				
(2) S/F and Pile by PGSD				
bar reinforcement in				
foundation — all complete				
500'				
Pier (Pile 1)				
main rod				
20mmφ — 24 No x 24.51m x 2 / 465kg = 1450.01 kg				
internal Riv				
20mmφ — 12 No x 3.55m x 2 / 465kg = 105.30 kg				
outer Riv				
8mmφ — 147 No x 3.41m x 0.394kg = 197.50 kg				
				1752.81 kg
23/4/24				
OR				
8/2				
20/24/24				
AE				
Continuation				

Continuation

Continuation

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Record entry</u>					
Date of entry - 26/4/24					
(1) Boxed cast - in - side					
M35 grade RCC pile					
--- all complete job					
Pier (Pile 3)					
1x 22' w = 22.10m					
(2) S/F and placing					
H9SD bar reinforcement					
in foundation - ay					
complete job					
Pier (Pile 4)					
Main road					
20mm φ -	24 Nos	24.5'	1m x 2'	465 kg =	1450.01 k
Internal Rwy					
20mm φ -	12 Nos	3.56 m	x 2'	465 kg =	105.30 k
outer Rwy					
8mm φ -	147 Nos	× 3.4'	1m x 0	.394 kg =	197.52 k
					1252.81 k
RTGS					
26/4/24					
O/R					
S/LR					
26/4/24					
A.E.					
Continuation					

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Reinforced slab				
Date of entry - 28/4/24				
(1) Bored cast in situ				
M35 grade RCC pile				
all complete job				
Pier (Pile 5)				
1x22cm = 22.00m				
(2) S/F and Pile				
109 SD bar reinforcement				
in foundation - all				
complete job				
Pier (Pile 5)				
Main road				
20mm - 24 Nos 24.5m x 2 = 465kg = 1450.01kg				
Internal Riv				
20mm - 12 Nos 3.56m x 2 = 465kg = 105.30kg				
Auto Riv				
5mm - 147 Nos 3.41m x 2 = 394kg = 197.50kg				
				1752.81kg
98/4/24				
03				
8/8				
25/4/24				
AE				
Continuation				

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Sch. XLV-Form No. 134				Contents of area
Particulars	Details of actual measurement			
	No.	L.	B.	D.
Record entry				
Date of entry - 29/4/24				
(1) Boxed cast - in situ				
M35 grade pile -				
all complete or b				
pier (pile 6)				
1x 22' 00" = 22' 00"				
(2) S/E and placing				
H/S D bar reinforcement				
in foundation - all				
complete or b				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Name of work - construction of H.L.
 Bridge span 16.50 m H.L. - OM in
 house of Sri Shantaram Mishra do
 BRICS Hojra road Koriya Bhatti
 minor road.
 Head - MRS. (G.E.H.)
 Agency - Shakti Rajan
 Agreement No - 15580/2006/2022-23
 Date of command - 25/01/2023
 Date of completion - 24/01/2024
 Date of entry - 19/01/24

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			87' 41" 83	72333m
(2) SIF and placing H/S (1)				
bar reinforcement in				
foundation - - all				
Complete 076				
vide TM page 2 =		1980'	32H	
vide TM page 2 =		1980'	32H	
vide TM page 3 =		1980'	32H	
vide TM page 4 =		1980'	32H	
vide TM page 5 =		1980'	32H	
vide TM page 6 =		1980'	32H	
vide TM page 7 =		1980'	32H	
vide TM page 8 =		1980'	32H	
vide TM page 9 =		1980'	32H	
vide TM page 10 =		3960'	66H	
vide TM page 11 =		1980'	32H	
vide TM page 12 =		1980'	32H	
vide TM page 13 =		1980'	32H	
vide TM page 14 =		1980'	32H	
vide TM page 15 =		1980'	32H	
vide TM page 16 =		1752'	81H	
vide TM page 17 =		1752'	81H	
vide TM page 18 =		1752'	81H	
vide TM page 19 =		1752'	81H	
		CO	38696'	38H

Continuation

Cof 8372333m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					87 818.2 72383.00
			87	38690.884	
Wider survey page 20 =			1752	8119	
Wider survey page 21 =			1752	8119	
					42209.004
					= 42209.004

Calc 69172.79 / 1752 = 39.48 2919.213.00

(3) Construction of 1/20th
Hydro - all length 1752

Hydro survey page 1 = 1752

Calc 59761.58 area = 59762.00

(4) Construction of Temporary
Cement road - all
Complete job

Hydro survey page 1 = 16.50 m

Calc 3992.28 / 16 = 249.51 65873.00

add GST @ 12% = 7906.16 73779.16

Add labour cost @ 1% = 737.79 74517.00

Add S.Fee = 29223.00

Wider survey page 20 = 10.50 m

Hydro survey page 21 = 59761.58

8115711628.00

19/11/14

Continuation

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Sch. XLV-Form No. 134				Contents of area
Particulars	Details of actual measurement			
	No.	L.	B.	
material statement				
① Stone work				460.26 m ³
② Sand				230.13 m ³

~~19/6/24~~ ~~19/6/24~~

Continuation