

Schedule XLV-Form No. 134

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

DIVISION
GAYA

A. E. R. W. D. (W)

SUB-DIVISION
WAZIRGANJ

MEASUREMENT BOOK

SHAMBHU NATH

3040

मार्ग प्रयोग गाना है कि इस भाषी मुद्र
रुग्ण के शरीर का प्रतिक्रिया है।
युद्ध उत्पन्न है इस भाषी मुद्र के
सहायक उपस्थिति, श्री उपस्थिति के
शरीर का प्रतिक्रिया, कार्य उपस्थिति,
प्रतिक्रिया के प्रतिक्रिया गाना है।

प्रति ११/२०२०
कार्यपालक अधिकारी
प्राचीन कार्य विभाग
कार्य प्रमाणित. गया।

प्रति
३१/१२/२०

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.	
Is from A/c Bill				
Name of work: Canal of Rce Bridge				
over Tilora Polhar To (Gobinpur)				
Karjagin under (NABRD)				
State Scheme				
Agency: Skomtham				
Agreed: 95/NABARD/2020-21				
Start: 19.2.21				
End: 18.2.22				
Date of measurement :-				16.9.21

① E/W in excavating in

Pen trenches dug

Up to 3m

Abut A1: 9.550 X 5.50 X 3.00 = 157.57

A2: 11 X 9.550 X 5.50 X 3.00 = 157.57

Pier P1: 170.60 X 8.00 X 3.00 = 206.40

P2: 170.60 X 8.00 X 3.00 = 206.40

P3: 170.60 X 8.00 X 3.00 = 206.40

P4: 170.60 X 8.00 X 3.00 = 206.40

Abut A2: 170.60 X 8.00 X 3.00 = 206.40

A2: 1 X 9.550 X 5.50 X 3.00 = 157.57

Pier P1: 170.60 X 8.00 X 3.00 = 206.40

P2: 170.60 X 8.00 X 3.00 = 206.40

P3: 170.60 X 8.00 X 3.00 = 206.40

P4: 170.60 X 8.00 X 3.00 = 206.40

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
2) PIV PCC MIS in Levelling					
do do all complete job					
Abut. A ₁ :	1	8.71	4.80	0.150	6.27 m ³
Pier P ₁ :	1	7.76	7.30	0.150	8.49 m ³
P ₂	1	7.76	7.30	0.150	8.49 m ³
P ₃	1	7.76	7.30	0.150	8.49 m ³
P ₄	1	7.76	7.30	0.150	8.49 m ³
					40.23 m ³
3) S/F/FH 75D Bar reinforcement					
in for trenches Abut A ₁					
25mm Bottom Main Bar (Toe side)					
59m	3.815m	3.85m			866.57 m ³
20mm ϕ (Heel side)					
59m	3.80m	2.465m			552.65 m ³
DISH Bar 16mm ϕ					
30m	10.004m	1.578m			473.58 kg
24m	10.004m	1.578m			378.87 kg
Top Main Bar (Toe side) 20mm ϕ					
59m	4.845m	2.465m			704.63 kg
Top (Heel side) 20mm ϕ					
59m	6.210m	2.465m			903.15 kg
Link 10mm ϕ					
1035m	1.360m	0.616m			867.08 kg
Side face T&L direction					
4m	9.604m	1.578m			60.62 kg
4m	5.254m	1.578m			33.16 kg
					4840.31 kg

Continuation or 4.840m

Continuation or 4.840m

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

④ RCC Masonry for
do do do complete of

Abut A1: $1 \times 8.55 \text{ m} \times 4.50 \text{ m} \times 0.50 = 19.22 \text{ m}^3$

$1 \times 8.55 \text{ m} \times 2.70 \text{ m} \times 0.50 = 11.54 \text{ m}^3$

30.77 m³

Done
Jc 19.9.21

Date 12-10-21

① RCC Masonry Sub structure
do do do (Abut A1)

$1 \times 8.45 \text{ m} \times 1.4 \text{ m} \times 3.46 \text{ m} = 29.23 \text{ m}^3$

② S/F RCC HYSD Bar reinforcement

in Sub structure Abut
shaft (A1) do do do

Main Bar $20 \text{ mm} \phi$ (E/Face)

$114 \text{ nos} \times 6.105 \text{ m} \times 2.485 \text{ kg/m} = 1716.69 \text{ kg}$

$16 \text{ mm} \phi$ (Side Face)

$12 \text{ nos} \times 6.133 \text{ m} \times 1.570 \text{ kg/m} = 116.13 \text{ kg}$

Dish Bar: $6 \text{ mm} \phi$

$34 \text{ nos} \times 8.954 \text{ m} \times 1.578 \text{ kg/m} = 533.83 \text{ kg}$

2366.65 kg

or 2.366 MT

Done

Jc 12.10.21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Date 16-11-21				
① S.I.P. HYSD Bar in sub structure RM (Abut A, side)					
do do all complete					
25mm ϕ Main Bar					
6 nos $\times$ 8.030m $\times$ 3.851kg/m = 116.22 kg					
16mm ϕ (Bar to E/Face)					
6 nos $\times$ 2.979m $\times$ 1.578kg/m = 28.20 kg					
16mm ϕ vertical Bar					
4 nos $\times$ 4.070m $\times$ 1.578kg/m = 28.31 kg					
Main Bar 16mm ϕ (opp to E/Face)					
6 nos $\times$ 4.154m $\times$ 1.578kg/m = 40.64 kg					
25mm ϕ (E/Face)					
6 nos $\times$ 6.208m $\times$ 3.851kg/m = 148.23 kg					
20mm ϕ vertical cap Bar					
8 nos $\times$ 3.708m $\times$ 2.468kg/m = 73.04 kg					
					2389.24 kg
					or 2.389 ton
② RW RCCM 30 (up to 5m)					
in sub structure RM wall					
(A, side) do do all					
8 $\times$ 1.750m $\times$ 0.950m $\times$ 5.10 = 6.12 m ³					
do do all					
18.16.11.21					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rate 10-12-21
① S.I.C.I.F. HYSD Bar reinforcement in Pier (P1) of the abutment					
20 mm Bottom Bar					
47 nos $\times$ 7.580 m $\times$ 2.465 kg/m = 878.18 kg					
20 mm ϕ D.H. (Bottom)					
47 nos $\times$ 7.580 m $\times$ 2.465 kg/m = 878.18 kg					
Top Bar 16 mm (L-Direction)					
8 nos $\times$ 8.208 m $\times$ 1.578 kg/m = 103.61 kg					
Top Bar 16 mm ϕ (T-Direction)					
2 nos $\times$ 8.208 m $\times$ 1.578 kg/m = 103.61 kg					
16 mm ϕ (Along T-Direction)					
41 nos $\times$ 12.056 m $\times$ 1.578 kg/m = 779.99 kg					
16 mm ϕ (L-Direction)					
41 nos $\times$ 12.056 m $\times$ 1.578 kg/m = 779.99 kg					
16 mm ϕ (Side face Both)					
8 nos $\times$ 7.352 m $\times$ 1.578 kg/m = 92.81 kg					
10 mm Link Bar					
1896 nos $\times$ 1.16 m $\times$ 0.616 kg/m = 1354.80 kg					
					4971.17 kg
					or 4.791 MT
② Riv Rec MB010 for Pier					
(P1) abutment					
1 $\times$ 7.60 m $\times$ 7.50 $\times$ 0.50 = 26.60 m ³					
1 $\times$ 7.60 m $\times$ 4.00 $\times$ 0.50 = 15.20 m ³					
					41.80 m ³

Continuation

16.12.21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			18-12-21		
① SIF 15 HPSD Bsr 2 in sub/stn					
also Pier (PL) shaft --					
25mm dia main --					
96 nos X 8.893m X 3881 kg/m =					3287.70 kg
16mm dia shaft					
100 nos X 0.384m X 1.578 kg/m = 60.59 kg					
16mm dia (semi circular)					
100 nos X 3.597m X 1.578 kg/m =					
28mm dia (1 main 2 Bsr semi circular) 56760 kg					
22 nos X 8.893m X 3881 kg/m = 753.43 kg					
					4669.32 kg
					or 4.669 MT
② PIV 12cm dia sub					
standards also 6 Piers shaft					
(PIV) --					
Reel: 1 X 6.50 X 1.00 X 5.00 = 32.50 m ³					
currier: 2 X 6.393 X 5.00 = 39.3m ³					
					36.43 m ³
Reel					
PIV					
TE 16.12.21					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date 12.1.22					
① S/F IF HYSD Bar reinforcement					
in Pier for (P2 & P3) do do					
20mm ϕ Bottom					
47 nos $\times$ 7.58m $\times$ 2.465 kg/m = 878.18					
20mm ϕ Dist					
47 nos $\times$ 7.580m $\times$ 2.465 kg/m = 878.18					
Top Bar 16mm ϕ (L-direction)					
8 nos $\times$ 8.208m $\times$ 1.578 kg/m = 103.61					
16mm ϕ T-direction					
8 nos $\times$ 8.200m $\times$ 1.578 kg/m = 103.61					

16mm ϕ (Along T-direction)					
41 nos $\times$ 12.056m $\times$ 1.578kg/m = 779.99kg					
16mm ϕ (L-direction)					
41 nos $\times$ 12.056m $\times$ 1.578kg/m = 779.99kg					
16mm ϕ (Side face)					
8 nos $\times$ 7.352m $\times$ 1.578kg/m = 92.81kg					
10mm link Bar					
1896 nos $\times$ 1.16m $\times$ 0.616kg/m = 1354.80kg					
					4971.17kg

for P2 & P3 : 2 $\times$ 4971.17kg					
					= 9942.34kg
					or 9.942MT

② PIV RC M 30 in for do do					
2 $\times$ 7.60m $\times$ 7.0m $\times$ 0.50 = 53.20m ³					
2 $\times$ 7.60m $\times$ 4.0m $\times$ 0.50 = 30.40m ³					
					83.60m ³

Continuation

Done
12.1.22
V. K. W.
12.1.22
MS

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
<u>ABSTRACT OF COST</u>				
<u>(1) ELM 12-02 cantation</u>				
2m Pden. freerches				
Volume BPD1				
(A) 4m to 3m Depth				
1440.94m ³ @ 1730542				
				348405.00
(B) 3m to 6m depth				
680.48m ³ @ 17362.69				
				11790.30
<u>(2) Pw Peermansia lowly</u>				
2m Pden. freerches				
Volume BPD2				
40.23m ³ @ 173914.07				
				6974.50
<u>(3) S/F F HYSD Brrwell</u>				
2m Pden. freerches				
Volume BPD2 - 4.840m ³				
Volume BPD5 - 4.291m ³				
Volume BPD7 - 9.942m ³				
				19.573m ³
19.573m ³ @ 1756052.33				
				3427308.00
<u>(4) Pw Pden. freerches</u>				
Volume BPD3 - 30.27m ³				
				149428.00

Total 1999439.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/3) Riv Rec M3022m ³ fcm		B/F N			1999439.00
MdumBP05 - 41.80m ³					
MdumBP07 - 83.60m ³					
125.40m ³ @ D 485 G.B.O					
(6/6) SIF/HYSD Bar				D	608980.00
Reinforce P-20 Substa					
MdumBPB - 2.366m ³					
MdumBPB - 2.389m ³					
MdumBPB - 4.669m ³					
MdumBPB - 8.842m³					
		9.424m ³			
9.424m ³ @ BSG 222.09				D	529837.00
(7/5) Riv Rec M302m ³					
2nd Stn - (C/P 5 m ²) Kongki					
MdumBP03 - 29.23m ³					
MdumBP04 - 6.12m ³					
MdumBP6 - 36.43m ³					
Rein		71.78m ³			
71.78m ³ @ D 5120.05				N	367517.00
C/P B 3505 T 73.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/E B		3505773..
Add 12% GST @			B 154		20693.00
Add 1% Lab cum T			B 3850		58=00
			B 3961524		=00
Less 11.10% Below E)			438729		=00
			B 38521798		=00
Revised			V/V		
JE 12.1.22			P.1.1.22		
M. statement					
(i) S/cups-241.36m ³ @					12580
(ii) Grnd-120.68m ³ @					17580
Revised					
JE 12.1.22					