

Name of work in Repair from Road Conditions to be made
SH402 var 99981 24430 44444

Schedule XLV-Form No. 134

FDR

VA44D15HPUR DIVISION

VA44D15HPUR SUB-DIVISION

Name of Cant. - Tripathi

MEASUREMENT BOOK

878-A

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Name of work:-</u>					
Repair of Road from Tonduni to Hardiya SH-102 via ISAARI NH-30 HARDIYA					
<u>Date of measurement:- 15/11/2021</u>					
<u>Measurements:-</u>					
① E/s in excavation --- do-do --- all jobs					
$1 \times 7.196 \times 1.130 \times 0.865 =$					2.97 m^3
$1 \times 1.500 \times 1.130 \times 1.500 =$					$2.54 "$
					5.51 m^3
② P/v P.c.c. M15 --- do-do --- all jobs					
$1 \times 5.663 \times 1.13 \times 0.25 =$					1.60 m^3
$1 \times 0.910 \times 1.13 \times 0.25 =$					0.26 m^3
					1.86 m^3
③ P/v P.c.c. M15 in Substructure --- do-do --- all jobs					
$2 \times 0.910 \times 0.790 \times 0.150 =$					0.22 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ P/v & laying R.C.C. WPg					
---do-do--- all job					
$4 \times 2.50 = 10.00 \text{ m}$					
⑤ Supplying, fitting and placing HYSD bar---do-do---all job					
Deck Slab:- $0.910 \times 1.09 \times 0.15 = 0.99 \text{ m}^3$					
$0.990 \times 105.00 = 103.95 \text{ Kg}$					
Abutment $0.22 \times 105.00 = 23.10 \text{ Kg}$					
					127.05 Kg
					$\approx 0.127 \text{ M.T.}$
⑥ P/v R.C.C. M25 in deck slab.					
---do-do---all job.					
Deck slab:-					
$1 \times 0.910 \times 1.09 \times 0.15 = 0.99 \text{ m}^3$					
⑦ Dismantling of Cement Concrete pavement---do-do---all job					
$1 \times 1.50 \times 3.75 \times 0.20 = 1.13 \text{ m}^3$					
⑧ P/v & laying brick bat---do-do---all job					
$1 \times 12.00 \times 1.60 \times 0.30 = 5.76 \text{ m}^3$					
$1 \times 9.50 \times 1.80 \times \left(\frac{0.15 + 0.10}{2}\right) = 3.33 "$					
$1 \times 1.50 \times 1.00 \times 0.15 = 0.23 "$					
$1 \times 15.00 \times 1.80 \times \left(\frac{0.16 + 0.13}{2}\right) = 12.15 "$					
$1 \times 3.00 \times 1.50 \times 0.30 = 1.35 "$					
$1 \times 15.00 \times 1.50 \times \left(\frac{0.12 + 0.10}{2}\right) = 3.38 "$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 12.00 \times 1.50 \times \left(\frac{0.7+0.2}{2} \right)$					$= 8.10 m^2$
$1 \times 5.00 \times 1.40 \times 0.15$					$= 1.05 "$
$1 \times 30.00 \times 1.68 \times \left(\frac{0.8+0.6}{2} \right)$					$= 35.28 "$
$1 \times 5.00 \times 1.68 \times 0.70$					$= 5.88 "$
$4 \times 0.90 \times 0.60 \times \left(\frac{0.15+0.10}{2} \right)$					$= 0.27 "$
$1 \times 11.00 \times 1.60 \times \left(\frac{0.95+0.55}{2} \right)$					$= 13.20 "$
$1 \times 2.35 \times 0.95 \times 0.15$					$= 0.33 "$
$1 \times 2.80 \times 1.60 \times 0.15$					$= 0.67 "$
$1 \times 2.00 \times 1.50 \times 0.20$					$= 0.60 "$
$1 \times 1.00 \times 0.90 \times 0.15$					$= 0.14 "$
$2 \times 1.00 \times 0.90 \times 0.15$					$= 0.27 "$
$4 \times 1.00 \times 0.90 \times \left(\frac{0.15+0.10}{2} \right)$					$= 0.45 "$
$1 \times 30.00 \times 3.75 \times \left(\frac{0.85+0.65}{2} \right)$					$= 84.38 "$
$1 \times 5.00 \times 3.75 \times 0.35$					$= 6.56 "$
$1 \times 3.50 \times 2.00 \times 0.25$					$= 1.75 "$
$1 \times 3.00 \times 2.20 \times 0.30$					$= 1.98 "$
$2 \times 0.60 \times 0.60 \times 0.15$					$= 0.11 "$
$1 \times 3.00 \times 0.60 \times 0.15$					$= 0.27 "$
$1 \times 7.50 \times 0.70 \times 0.35$					$= 1.84 "$
$1 \times 1.00 \times 1.00 \times 0.15$					$= 0.15 "$
$1 \times 6.00 \times 3.50 \times \left(\frac{0.15+0.35}{2} \right)$					$= 8.93 "$
$4 \times 1.50 \times 1.00 \times \left(\frac{0.20+0.10}{2} \right)$					$= 0.90 "$
$1 \times 0.90 \times 0.90 \times 0.15$					$= 0.12 "$
$1 \times 0.90 \times 0.90 \times 0.10$					$= 0.08 "$
$1 \times 1.00 \times 1.50 \times 0.15$					$= 0.23 "$
$1 \times 1.00 \times 1.00 \times \left(\frac{0.20+0.10}{2} \right)$					$= 0.15 "$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x	2.00	0.90	0.20	=	0.36 m ³
1 x	1.50	1.00	0.15	=	0.23 "
1 x	18.00	3.75	$\frac{(0.90+0.55)}{2}$	=	51.66 "
1 x	1.00	1.00	0.20	=	0.20 "
1 x	4.00	1.30	0.35	=	1.82 "
					<u>254.12 m³</u>

Subt
15/11/2024

AK
15/11/24

ABSTRACT OF COST

① e/c in excavation ---	
P① 5.51 m ³ @ 170.00 =	937.00
② P/v P.c.c. M25 --- do do ---	
P① 1.86 m ³ @ 5180.00 =	9542.00
③ P/v P.c.c. M25 --- do do ---	
P① 0.22 m ³ @ 5733.00 =	1261.00
④ P/v R.c.c. WP3 --- do do ---	
P② 10.00 m @ 1753.00 =	17530.00
⑤ Supplying, fitting --- do do ---	
P② 0.127 M.T. @ 53179 =	6754.00
⑥ P/v R.c.c. M25 in deck slab --- do do ---	
P② 0.99 m ³ @ 5349 =	5296.00

Continuation

Continuation