

forced plain cement
concrete pavement
do

$5 \times 30 \times 3.75 \times 0.160 = 90 \text{ m}^3$

~~② const. of un-reinforced
plain cement concrete
pavement
do~~

② Road marking with
hot applied Thermo-
plastic compound on
c/c portion
do

$2 \times 8.5 \times 30 \times 6.10 = 30 \text{ m}^2$

Scanned with OKEN Scanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ Dismantling of existing structure — do —					
		$3.8 \times 6 \times 0.3$		$=$	6.84 m^3
		$2 \times 6 \times 0.7 \times 0.2$		$=$	1.68 m^3
		$2 \times 6 \times 0.3 \times 0.3$		$=$	1.08 m^3
			Total		9.60 m^3
④ Dismantling of existing structure — do —					
		$2 \times 6 \times 1.25 \times 2.5$		$=$	37.50 m^3
⑤ Earthwork in excavation — do —					
		$2 \times 7.60 \times 2.470 \times 1.60$		$=$	60.07
		$4 \times 1.430 \times 2.287 \times 1.60$		$=$	20.93
			Total		81.0 m^3
⑥ Providing concrete for plain/reinforced concrete in open form — do —					
		$2 \times 7.60 \times 2.47 \times 0.20$		$=$	7.51 m^3
		$4 \times 1.430 \times 2.287 \times 0.20$		$=$	2.62 m^3
			Total		10.13 m^3
⑦ Providing concrete for plain/reinforced concrete in open form — do —					
		$2 \times 6.8 \times 1.97 \times 1.4$		$=$	37.51 m^3
		$4 \times 1.43 \times 1.787 \times 1.4$		$=$	14.31 m^3
			Total		51.82 m^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Plain / reinforced cement concrete in substructure do					
2X 6.0X 1.085X 2.31 =					30.08 m ³
4X 1.915X 0.844X 2.660 =					17.20 m ³
			Total		47.28 m ³
(9) Plain / reinforced cement concrete in substructure do					
4X 2.30X 0.40X 0.150 =					0.55
2X 6.0X 0.70X 0.20 =					1.68
2X 6.0X 0.40X 0.30 =					1.44
2X 3.6X 0.450X 0.30 =					0.97
4X 0.40X 0.40X 0.60 =					0.38
			Total		5.02 m ³

(10) Providing & laying reinforced cement concrete in super structure do					
1X 3.60X 6.0X 0.30 =					6.48 m ³
(11) Supplying, fitting and placing HYSD bar reinforcement in super structure do					
16 mm bar					
49X 3.534X 1.58 =					273.60 kg
10 mm bar					
21X 6X 0.62 =					78.12 kg
21X 2.808X 0.62 =					36.56 kg
13X 6X 0.62 =					48.36 kg

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12mm bar					
24 X 6 X 0.89 =					128.16 kg
8mm bar					
58 X 1.78 X 0.395 =					40.780 kg
62 X 1.6 X 0.395 =					39.184 kg
1396 X 1.9 X 0.395 =					104.319 kg
12mm bar					
8 X 6 X 0.89 =					42.72 kg
8 X 3.6 X 0.89 =					25.632 kg
S.J. cutting & bending					40.871 kg
				Total	858.308 kg
				Qty	0.858 MT
(12) Back filling behind abutment - do -					
6 X 2 X 1.915 X 4.314 X 2.310 = 19.09					
2 X 1.90 X 4.4 X 2.3 = 38.456 m ³					
Qty for 38.14 m ³					
(13) Providing weepholes in brick masonry / stone masonry / plain reinforcement - do -					
				Qty: 34 No.	
(14) Earthwork in excavation - do -					
2 X 3.90 X 1.150 X 1.50 = 13.455 m ³					
1 X 5.350 X 1.130 X 0.365 = 2.207 m ³					
				Total	15.662 m ³
(15) Providing m-15 p.c as bedding course in found. - do -					
2 X 3.90 X 1.150 X 0.150 = 1.345					
1 X 5.311 X 1.130 X 0.250 = 1.50					
Less for pipe 0.250 X 0.785 X (0.830) ² X 5.849 = 0.791					
Continuation					
				Total	2.054 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Providing m-15 pcc as levelling course in found - do -					
2X	3.60	X	0.70	X 2.180 =	10.987m
2X	3.60	X	0.40	X 0.60 =	1.728m
less 2X	0.7857	X	(0.830)	X 0.530 =	- 0.574
				Total	12.141m
(17) Providing & laying RCC pipe NP-3 - do -					
3X	2.50	=			7.50m
(18) Painting two coats on new plastered/ concrete surface					
2X	3.60	X	0.40	=	2.880m ²
4X	0.40	X	0.60	=	0.960m ²
				Total	3.840m ²
(19) Brick masonry work c'm cement mortar do -					
6X	6.0	X	0.40	X 0.60 =	8.64m ³
(20) Plastering with cement mortar - do -					
6X	6.0	X	2.0	=	72m ²
12X	6.0	X	0.60	=	43.20m ²
6X	6.0	X	0.40	=	14.40m ²
12X	0.40	X	0.60	=	2.88m ²
				Total	132.48m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) Painting two coats on new concrete surface — do —					
6 X 6.0 X 2.0 =					72 m ²
12 X 6.0 X 0.60 =					43.20 m ²
6 X 6.0 X 0.40 =					14.40 m ²
12 X 0.40 X 0.60 =					2.88 m ²
				Total	132.48 m ²

Csingh
02/03/24
JE

06/03/24
RE

material statement

(1) E/W = 96.662 m³

(2) stone metal
aggregates = 202.432 m³

(3) coarse sand = 132.795 m³

(4) Bricks = 4320 No.

(5) steel = 0.858 MT
= 858 Kg

Csingh
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JE

06/03/24
RE

Continuation