

Schedule XLV-Form No. 134

Devariya Mahadulit Tola To Banesh
Tola

Dehri

MAGSY-Ausgosh-

DIVISION

Dehri

SUB-DIVISION

RAKESH CHOUDEY

MEASUREMENT BOOK

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:-	Devuriya Mahaboli				
Tola To	Banarkh Tola				
Agency:-	Kotesh Choudhary				
Agreement No:-	RWD Derr/O/ M Mary /SMD /2024-25				
Date of Start	17/10/2024				
Date of completion:-	18/11/2025				
Record entry					
28/03/2025					
near CH - One Km Hume pipe					
for Elw excavation for Foundation					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/4/1 Near CH = 1.200 km					
Excavation for foundation in structure					
H.W. = $2 \times 3.900 \times 1.150 \times 1.500$					= 13.455
Below pipe = $1 \times 5.350 \times 1.180 \times 0.365$					= 2.207
			Total		15.660 m ³
Total qty $(1/2)H/W + (1/4)H/A =$					
			$4 \times 15.660 =$		62.64 m ³
Record entry					
2/1/1 Near CH = 0.51 km					
providing M15 (PCC 1:2.5:5) as landing					
course in foundation in open					
Foundation					
H.W. = $2 \times 3.900 \times 1.150 \times 0.125$					= 1.3455
Below pipe = $1 \times 5.311 \times 1.130 \times 0.250$					= 1.500
			Total		2.850 m ³
2/2/1 Near CH = 1.55 km					
providing M15 (PCC 1:2.5:5) in open					
Foundation					
H.W. = $2 \times 3.900 \times 1.150 \times 0.125$					= 1.3455
Below pipe = $1 \times 5.311 \times 1.130 \times 0.250$					= 1.500
			Total		2.850 m ³
Near CH = 0.595					
2/3/1 providing M15 (PCC 1:2.5:5) in open Found					
H.W. = $2 \times 3.900 \times 1.150 \times 0.125$					= 1.3455
Below pipe = $1 \times 5.311 \times 1.130 \times 0.250$					= 1.500
			Total		2.850 m ³

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Hw = 2x 3.600 x 7.00 x 2.780 =					14.011
parapet 2x 3.600 x 4.00 x 6.00 =					1.728
cur for pipe 2x 7.857 x 8.302 x 5.30 =					.574
				Total	15.170m ³
(4/2) Sand Filling in Foundation Trench					
Below pipe 1x 5.350 x 1.130 x 1.00 =					.605m ³
(5/2) providing and laying RCC pipe 4					
for culvert 3x 2.50 =					7.5m
				Near CH	1.5951m
(3/3) plain/reinforcement cement concrete on substructure M20					
Hw 2x 3.600 x 7.00 x 2.780 =					14.011
parapet 2x 3.600 x 4.00 x 6.00 =					1.728
cur for pipe 2x 7.857 x 8.302 x 5.30 =					.574
				Total	15.170m ³
(4/3) Sand Filling in Foundation in Trench					
Below pipe 1x 5.350 x 1.130 x 1.00 =					.605m ³
(5/3) providing & Laying RCC pipe 4					
for culvert 3x 2.50 =					7.5m
				Near CH	1.2501m
(3/4) plain/reinforcement cement concrete on substructure M20					
Hw 2x 3.600 x 7.00 x 2.780 =					14.011
parapet 2x 3.600 x 4.00 x 6.00 =					1.728
cur for pipe 2x 7.857 x 8.302 x 5.30 =					.574
				Total	15.170m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/4) Sand Filling in Foundation Trench Below pipe	1x5	3.50x1.13	0x1.00		= .605m
(5/4) providing 2 layers R.C. pipe N-4 for center	3x	2.5m			= 7.5m
Total quantity of R.C. Reinforcement C.C. in sub structure (m ²)					
(3/1) + (3/2) + (3/3) + (3/4)					
= 4x 1.5120 m ³					= 6.068m ³
Total quantity Sand Filling in Foundation					
(4/1) + (4/2) + (4/3) + (4/4)					
= 24x .605 m ³					= 2.42m ³
Total quantity of providing					
Laying R.C. pipe					
(5/1) + (5/2) + (5/3) + (5/4)					
= 4x 7.5 m					= 30m
Record entry					
(6/1) Near CH = 0.01CM					
painting on parapet wall					
Top 2x 3.600 x .400					= 2.880
Side 4x 3.600 x .600					= 8.640
Front 4x .4 x .600					= .960
Total					12.480m ²
Near CH .1551CM					
painting on parapet wall					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Top	2x3	650x	1.400	=	2.880
Side	4x	3.600x	.600	=	8.640
Front	4x	1.400x	.600	=	.960
			Total	=	12.480m ²
			Area		Area

(11) construction of earthen shoulder

Adjacent to WBM (BT) portion

$$= 2 \times 500 \times 1.3 \times .095 = 123.5$$

$$= 2 \times 650 \times 1.220 \times .095 = 150.67$$

Adjacent to W.B (BT portion)

$$2 \times 650 \times 1.55 \times .200 = 403$$

$$2 \times 500 \times 1.60 \times .200 = 320$$

Adjacent to PCC portion

$$2 \times 150 \times .535 \times .160 = 25.68$$

Adjacent to WBM (PCC portion)

$$2 \times 150 \times .780 \times .075 = 17.55$$

Adjacent to W.B (PCC portion)

$$2 \times 150 \times .900 \times .100 = 27$$

$$\text{Total} = 1087.4$$

$$\text{Limit} = 1034.83 \text{ m}^3$$

$$\text{For } 100 \text{ cm lead @ } 100\% = 1034.83 \text{ m}^3$$

(12) granular sub base by proximity

well graded material & grady L

$$3 \times 40 \times 4.05 \times .200 = 97.2 \text{ m}^3$$

$$1 \times 20 \times 4.05 \times .200 = 16.2 \text{ m}^3$$

$$1 \times 50 \times 4.05 + 4.07 \times .200 = 40.6 \text{ m}^3$$

Continuation

Continuation

Abstract

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Devuriya Mahadali					
Tola to Bin Loh Tola					
Agency: Ramesh Chaudhary					
Agreement No.: RWP, Dehri 108/					
mngsy / 560/ 2024-25					
Date of Start: 17/10/24					
Date of completion: 16/10/2025					

(1) BM pillar qty = 2 Nos vide Tmpal
- 01 @ Rs 4344.64/each - Rs 8688

(2) Reference pillar qty = 5 Nos vide Tmpal
- 01 @ Rs 2005.4/each - Rs 10025.20

(3) Clearing & grubbing land
qty = 191.42 vide Tmpal - 01 @
Rs 75573.24 - Rs 68771.74

(4) Cutting of Tree qty = 2 Nos vide
Tmpal - 01 @ Rs 357.26 - Rs 714.52

(5) Box cutting Beside of BES provision
qty = 12.56 m³ vide Tmpal - 01 @
Rs 403.96 - Rs 1300

(6) Const of Subgrade on BT Road
qty = 2656.50 m³ vide Tmpal - 2

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ Rs 264.63/m ³ —					Rs 702990.00
(V7) cost of reinforcement on PCC					
Road qty = 104.10 m ³ vide TMAP					
— 2 @ Rs 264.63/m ³ —					Rs 27548
(V8) granular subbase with well					
graded material grading I					
in PCC pavement qty = 32.76					
m ³ vide TMAP — 2 @ Rs 2573.43/m ³					
—					Rs 84306.00
(V9) water bound macadam with					
staple screening 10mm					
qty = 42.68 m ³ vide TMAP — 3					
@ Rs 422380 —					Rs 179976
(V10) cost of unreinforced excavation					
2 construction joint cement concrete					
qty = 30.90 m ³ vide TMAP — 3 @ Rs					
7713.03 —					Rs 70114.5
(V11) USB well graded material					
grading I qty = 171.75 m ³					
@ Rs 2573.43 —					Rs 441987
(V12) Excavation for Foundation					
Total qty = 62.64 m ³ @ vide					
TMAP — 10 @ Rs 398.62/m ³					
—					Rs 24970
(V13) providing M15 (PCC 1:2:4)					
in open Foundation					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total Qty = 11.40 m ³ vide TMAP					
- 11 @ Rs 6018.40/m ³					
					Rs 68650.00
(V14) Plain Reinforcement concrete in Substructure (M20)					
Total Qty = 60.68 m ³ vide TMAP					
- 13 @ Rs 6988.11/m ³					Rs 422825
(V15) Sand Filling in Foundation Frame					
Total Qty = 2.42 m ³ vide TMAP					
13 @ Rs 681.99					Rs 1650
(V16) Total quantity of providing & laying RCC pipe					
Total Qty = 30 m vide TMAP					
13 @ 3180.68/m					Rs 95420
(V17) painting parapet wall					
Qty = 12.48 m ² vide TMAP No-13					
+ 12.48 m ² " " " 14					
Total Qty = 24.96 m ²					
@ Rs 137.83/m ²					Rs 3440
(V18) const of canten shoulder					
Qty = 1034.83 m ³ vide TMAP-14					
@ Rs 264.63/m ³					Rs 273847
(V19) granular sub base by providing well graded material & grading					
Qty = 769.08 m ³ vide TMAP 15 @					
Rs 2573.43/m ³					Rs 1979174

Continuation

C.G Rs 4823510.00
5097356

Continuation