

K/Road - Siyarak Road (Hassan's km)
To Kali Sthan - yadav tola (10/10/45y)

Schedule XIV - P.O. No. 1345 Block - Rajpur

For the year
Annual Revision
11/11/51 (1/11/51)

VIHAR P. W. D.

M.B. No. - 1111

S/c

Division

Sub-Division

Agreement No. R20D/SSM-2/MMC/54-09/2019-20

MASSACHUSETTS 1111

Make of Start - 22-10-2019

Time Completed - 12/09/2020 (21-10-2020)

प्रमाणित किया जाता है, कि इस मापी
 पुस्त से कुल र्खी (1000) पृष्ठ है, यह
 कार्यपालक अभियंता ग्रामीण कार्य
 विभाग, कार्य प्रमंडल खारनाराम-2
 के सहायक अभियंता, ~~खारनाराम-2~~
~~के पास रखे विधि से किया गया है।~~
 श्री शाहिद अशरफुल्लाह के काम में लो
 र जमु (के नाम) से निर्गत किया जाता है।

P. Neel
 9.1.20

Executive Engineer
 RWD Works Division
 Kharnaram-2
 9.1.20

यह मापी पुस्त कमीय अभियंता श्री विजय
 कुमार के नाम से निर्गत किया जाता है।

M. S. Rao
 9.1.20
 AE. Rajpur

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 measurements relating to each work)

Particulars	Details of actual measurements				Contents of area
	No	L	B	Q	
1st on A.C. Bell.					
N/Road - Construction of Road from Siyarak Road (Haswanpur) to Kali Ekan Yadav Tal.					
Agency - Sree Nawal Kiborabry Vill. Sakhua P.O. Panjar Karakgar Pokhar.					
Agreement No. R10D/SSM-2/MH/19/2019-20					

Date of Start - 22-10-19
 Date of Completion - 21-10-20
 Actual St of Completion - In Progress.

Work done

① Clearing & grubbing Road land including including uprooting weed vegetation & trees & grass etc. & trees & grass upto 200mm diameter

2x 33x20m x 3.5m = 6930m²
 2x 15m x 3.5m = 105m²

Continuation
 = 7035m²
 = 0.70 Hec.

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
Materials for this 2nd on 1/2 bill.					
1st m. a.					
53mm to 9.5m - 9.69 m ³					
				@ 526 = 80/m ³	
9.5mm to 2.36mm - 3.87 m ³					
				@ 419 = 38/m ³	
2.36mm below coarse sand - 5.81 m ³					
				@ 161 = 80/m ³	
105mm					
53mm to 22.4mm - 42.58 m ³					
				@ 466 = 20/m ³	
Stone screening - 8.44 m ³					
				@ 350 = 99/m ³	

Chamar
28/2/20
J.E

2

2nd on 1/2 bill.

Provisional Value — 4768653.
Less, Encumbrance — 6,4599487
169166.

Memo of Payment

By D.D. @ 8% — 13533.
" Interest @ 1% — 1692.
" Commission @ 1% — 1692.
" Cost of 550 @ 2% — 3383.
" J.P. Fee — 3021.
" Royalty — 9491.
By Cheque — 32812
136354

Continuation

169166.

Asses. (r) 169166 = 169166
Wm. Thompson & Co. P. 11/11/20
Executive Engineer
RWB Works Dept. 11/11/20

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

Work on H.C. Ball

11 Work - Construction of
Road from Sanyasak
Road (Hauz Khas) to
Kalidhan Yadav Tile
Agency - Sd/- Narsal Kohora
Singh. Vill. Sakhu
P.O. Panjab. Ps. Karahga
Dist. Rohtas

Agreement - No. R/W/A/SSM-2
/MMSY - 09/2019-20

Date of start - 22-10-2019
Date of Completion 21-10-2020.
Actual Date of Completion - In progress

Date of measurement -

Work done:

- ① Prime Coat - Providing
2 applying Prime
Coat with bitumen
emulsion (SS-1) on
prepared surface.

as per spec's
CH to 100mm.

$$15M \times 6.30 M av. = 94.5 M^2$$

$$31 No \times 30M \times 3.75 M av. = 3487.50$$

$$12" \times 6.30 M av. = 75.6 M^2$$

$$10M \times 5.00 M av. = 50 M^2$$

$$30M \times 3.75 M av. = 112.5 M^2$$

$$8M \times 3.75 M = 30 M^2$$

$$3850.10$$

$$\text{Unit conversion } 3844.12 M^2$$

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
② Tack Coat - Porovibong					
and applying Tack					
Coat with Bitu-					
men emulsion (5%)					
as per spec					
Location -					
Area same as item 1					3844.13
					m ²

③ Mix Seal Surface					
✓ Type B - Porovibong					
laying and rolling					
of close graded					
bituminous surfacing					
Materials 20 m					

thickness Compacted					
13.2 mm to 0.075 mm.					
Type B aggregates					
as per spec					
Specification -					
Area same as item 1					
No. 10 -					3844.13 m ²

④ KM Stone					
✓ R.C.M.s graded					
Kilometer road Stone					
of standard design					
as per 1:2:4 mix					
in position					
KM Stone					2 Nos.
200 m					4 Nos.

Continuation

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
⑤ Providing & fixing of typical 11M G.S. reinforcement sign Board logo of project. As per drawing - 2 Nos					
Citizen Board -					1 No
Maintenance Board -					1 No
					4 Nos

⑥ Boundary Pillar / Guard Post R.C.C. Mix Grade Boundary Pillar / local cone of					
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standard design as per I.R.C. as fixed in position - - - Technical specification -					4 Nos.
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⑦ Providing and fixing of reinforced electrocoated Cautionary Mandatory and Prohibitory signs as per I.R.C. as - - - Technical specification -					
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11/11/2020
Continuation

Sch. XLV-Form No: 13426

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
(i) 600mm Circular					
(ii) 800mm x 600mm Rectangular					
(iv) 600mm x 450mm Rectangular					
(v) 200mm side octagon					
(3) Providing and laying of hot applied the trans-plastic compound 2.5mm thick including					

$$\begin{aligned}
 & 2 \times 33 \times 30 \text{m} \times 0.100 \text{m} = 198 \text{m}^2 \\
 & 2 \times 15 \text{m} \times 0.100 \text{m} = 3 \text{m}^2 \\
 & \hline
 & 201 \text{m}^2
 \end{aligned}$$

(9) Planting of tree by the road side in 0.6m ϕ holes 1m deep dug in the ground - - - - -
 - - - - - Provision the Plant for one year - - - - - 100 Nos.

(10) Construction of Subgrade and Carriageway

Continuation

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

rect approved
 Materials obtained
 from 10,000 sq ft
 rect all lifts &
 leads - - - -
 rect lead 1000 m
 2100 m as per
 specification.

① Earthen shoulders
 after 1st area.

Sl.	CH	C/S Area	mean C/s Area	Dist. m	Qty m ³
	m	m ²	m ²		
(1)	0	3.80	1.90	0	0.00

(2)	50	4.38	4.09	50	204.50
(3)	100	4.28	4.33	50	216.50
(4)	150	4.20	4.24	50	212.00
(5)	200	4.10	4.1	50	205.00
(6)	250	4.75	4.375	50	218.75
(7)	300	4.70	4.725	50	236.25
(8)	350	4.10	4.4	50	220.00
(9)	400	3.80	3.95	50	197.50
(10)	450	4.38	4.09	50	204.50
(11)	500	4.45	4.425	50	220.75
(12)	550	4.10	4.225	50	211.25
(13)	600	4.5	4.25	50	212.50
(14)	650	4.22	4.36	50	218.00
(15)	700	4.34	4.28	50	214.00
(16)	750	5.59	4.965	50	248.25

Continuation

32391.75

Sch. XLV-Form No. 134 ²⁸

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
17) 800 - 5.78 - 5.685 - 50 -					284.25
18) 850 - 5.70 - 5.74 - 50 -					287.00
19) 900 - 5.50 - 5.60 - 50 -					280.00
20) 950 - 5.45 - 5.475 - 50 -					273.75
21) 1005 - 4.71 - 5.08 - 55					279.40
					<u>4644.15</u>
					m ²

Total Qty - we are found

$$= 4644.15 \text{ m}^2$$

Less Embankment - 629 m³ P-12

Subgrade - 2122.56 m³ P-18

Gravel - 830.20 m³ P-18

Road Mill - 288.31 m³ P-21

$$= 764.08 \text{ m}^3$$

$$\text{Total to } 736.09 \text{ m}^3$$

(i) Earthwork 736.09 m³

(ii) Subgrade -

✓ vide item 11.4 on P-18 - 2122.56 m³

(11)

Painting of parapet

Wall with face

Coat Paint

in ch

$$7 \times 2 \times 3.600 \times 0.400 = 20.16 \text{ m}^2$$

$$7 \times 4 \times 3.6 \times 0.600 = 60.48$$

$$\text{Front} - 7 \times 4 \times 0.400 \times 0.600 = 6.72$$

$$1 \times 2 \times 6.15 \times 0.400 = 4.92$$

$$1 \times 4 \times 6.15 \times 0.600 = 14.76$$

$$1 \times 4 \times 0.400 \times 0.600 = 0.96$$

$$108 \text{ m}^2$$

5/6/20

Continuation
5/6/20

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
<u>Abstract of Est</u>					
Providing & fixing of working B.M. Ref. Pillar - - - - -					
- - - direction of EIT - (vide item No. 1, B.P. 17)					
Ref. Pillar -					
Nos @ 4366 = 29/cent - 8732 = 00					
Ref. Pillar					
Nos @ 1993 = 59/cent - 7974 = 00					

② Clearing & grubbing the second land - - - - -					
- - - direction of EIT - (vide item No. 1, 2, B.P. 17)					
0.70 Hec - @ 49229 = 47					
/ Hec - 3488 = 00					

③ Construction of Embankment with approved Materials obtained from borrow pit					
lead up to 100m -					
(vide item No. 3, B.P. 17)					
639 m ³ @ 132 = 561 m ³ - 811705 = 00					

Continuation 136229 = 00

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
(4) Const. of Sub grade					
width approved					
Materials obtained					
from borrow pit					
Result					
Lead up to 1000 M -					
(vide item No. 11 M)					
P-18)					
$2122.56 \text{ M}^3 @ 189 = 60 \text{ M}^3$					$402432 = 0$
(5) Earthwork should be					
vide item No 10(1)					
OMP-26-28)					
$736.89 \text{ M}^3 @ 189 = 60 \text{ M}^3$					$139563 = 0$
2858.65 M^3					

(5) Const. of GSB by					
Providing well					
graded material					
spreading in uniform					
layers - - - - -					
the specification -					
(vide item No. 5 MP 18)					
$830.20 \text{ M}^3 @ 2742 = 50 \text{ M}^3$					
					$- 2276824 = 0$

(6) Providing fixing					
of typical bridge					
informalony					
Super Road width					
logo (vide item No.					
S MP-25)					
$4 \text{ Nos} @ 10096 = 40387$					$= 0$
					$29,29,440 = 0$

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
⑦ Dimensions of existing structure like Culvert - - - T/S (vide item No. 7 on P. 19)					
Concrete Conc.					
5.67 m ³ @ 474 = 621 m ³					2631 = 00

⑧ Dimensions of existing structure like Culvert - - - T/S (vide item No. 8 on P. 19)					
Box (C.M.)					
207.3 m ³ @ 228 = 401 m ³					17484 = 00

⑨ Removing all type of Hume Pipe structure - - - T/S (vide item No. 9 on P. 19)					
600 M D Hume Pipe					
351 @ 229 = 831 m ³					8044 = 00

⑩ E/W in excavation for foundation of structure up to 3 M depth - - - - - clearing & T/S (vide item No. 10 on P. 19-20)					
129.415 m ³ @ 285 = 711 m ³					39832 = 00

Continuation

30,93,491 = 00

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
(14) Provisional laying of R.C.C. pipe duct 300 mm ϕ across the Road approved drawing (vide item No. 14 on P-21)					
20 m 20 m @ 983-115/m - 19669 = 0					
(15) 100 mm Gravel Provisional laying spreading & Comp action Stone regular on					

Specific size	
to 100 mm Gravel	
(vide item No. 15 on P-21)	
288.31 m ² @ 4090.79/m ²	
1179416 = 10	

(16) Prime Coat - Provisional laying & applying Prime Coat with bitumen emulsion 5% on prepared surface - 100 m ²	
711 (vide item No. 1 on P-23)	
3844.13 m ² @ 55.08/m ²	

Continuation 211735 = 10

56,70035 = 10

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
(17) Providing & applying lock coat with emulsion P.S-1					
T/S -					
(Vide item No. 12)					
amp-24)					71040-
$3844 = 13 \text{ m}^2 @ 18-48 \text{ m}^2$					71040-0

(18) Providing laying and rolling of close graded pea mix surfacing Material of 20mm thickness Compacted

13.2m. 40. 09 m (4.2m)					
applying - - - T/S -					
(Vide item No. 3m)					
P-24)					
$3844 = 13 \text{ m}^2 @ 240 = 34102$					
					15 92 3898500

(19) KM Stone
P.C.C. 115 graded
KM stone of standard size
as per R.C. 1:8
T/S -
(Vide item No. 40m)
P-24)

KM Stone					
2 No @ 2335 (Continuation)					4611-0
200m @ 663-87					2655-48
4 No.					
					66,72,299=0

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
(20) Boundary Pillar / guard Re. this grade of standard 8.25					
2 bed in - - -					
- - - - -					
(vide item No. 64)					
P - 25)					
64 Nos @ 536 = 19/can					
					34316 = 16

(21) Poroviding 1m x 1m
retro reflecting
cautionary

Mandatory and
information sign
as P2-1 R-6 made
by - - - - -

(vide item No. 6)

7 on P - 25)

(i) 600m Equilateral

framing

9 Nos @ 4076 = 65/can

32690 = 10

(ii)

(i) 600m Circular

4 Nos. 5515 = 83/can 22055 = 10

(ii) 800m x 600m

2 Nos @ 7743 = 16 - 15486 = 10

Continuation

67, 80, 846 = 10

Particulars.	Details of actual measurement				Content of area
	No.	L	B	D	
I 600m x 450 m					
2 No @ 5366+72					10733=w
II 900m side of a gun.					
2 No @ 9915=90					19832=w
(22) For covering played by hot applied there was plastic compound 2.5m thick including					
(wide item No. 8m P-24)					

201 m ² @ 850.93 m ²					171037=w
(23) Planting of Tree by the Road Side in 0.6m dia holes 1m deep - deep in the ground.					
(wide item 5m P-26)					
100 Nos. @ 749=72					
Calc.					74972=w
					7057421=w
100					

Continuation

Sch. XLV-Form No. 13437

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
(24) Boundary on Parapet wall (Block 2 whole) Throat including Roof area after - - - - - (vide item No. 11 on P-28) 108.12 x 108.98 = 11769.84 15 70.6919 = 10 Lull 102.12 per agreement - 15 70.6919 = 10 15 83.6297 = 10					

Lull 102.12 5/6/20 J.F.	42.68653 = 0 15 1593.619 = 10 5/6/20 J.F.
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Mat. used for
2nd on the wall only

(I) East - 736.05 m²

(II) Stone chis.

13.2 m² to 0.05 m² - 103.75 m²

15 478.28 m²

(III) Earthwork - 1 - 3.267 m²

II Earthwork RS-1 - 1.057 m²

Continuation

