

the measurements relating to each work.)					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
First R/A Bill.					
Name of Work:- Husapur Aramour Road To Khaspathi					
Name of Agency:- Sri Chandra Bhushan Prasad Nil-Bisahi					
Ago. No. 01 MR/3054/MBD-12019-20					
Date of Commencement - 22.02.20					
Date of Completion - 21.11.20					
Date of Measurement:- 15.5.2020					

Record Particulars.					
J.No.1:- Cleaning and Grubbing					
Road (and) (By Hand)					
areas) including uprooting					
wild vegetation					
at -- Camp + G.					
$2 \times 4742 \times 100 = 9484 \text{ M}^2$					
$\frac{9484}{10000} = 0.9484 \text{ Hect}$					
J.No.2:- Construction of side					
grade and earthen					
shoulders with topsoil					
Material -					
$1991.54 \text{ to } 65 \text{ Earth} = 1294.56 \text{ M}^3$					

Continuation

Recor of Porting:

Date of Porting - 20/10/2011

J. 10.1 - Porting and filling

of Typical H4857

in formulary at 10.

02/10/11

J. 10.2 - Porting (up to 10)

and Compactly Stone

aggregates of specific

Size at 0.075.

(W. 3.4 (m. 2)).

$$6.43 \times 2.40 \times 0.075 = 1.165$$

$$8.57 \times 2.40 \times 0.075 = 1.513$$

$$5.89 \times 1.65 \times 0.075 = 0.729$$

$$7.27 \times 2.40 \times 0.075 = 1.312$$

$$7.22 \times 2.70 \times 0.075 = 1.462$$

$$11.19 \times 1.15 \times 0.075 = 0.965$$

$$8.90 \times 1.50 \times 0.075 = 1.001$$

$$7.22 \times 1.40 \times 0.075 = 0.758$$

$$5.61 \times 1.65 \times 0.075 = 0.694$$

$$6.92 \times 2.70 \times 0.075 = 1.401$$

$$5.65 \times 2.70 \times 0.075 = 1.144$$

$$9.71 \times 1.65 \times 0.075 = 1.202$$

$$8.99 \times 2.60 \times 0.075 = 1.753$$

$$5.77 \times 0.65 \times 0.075 = 0.281$$

$$5.65 \times 2.20 \times 0.075 = 0.932$$

$$7.29 \times 2.20 \times 0.075 = 1.203$$

$$6.43 \times 1.15 \times 0.075 = 0.555$$

Continuation

18.10
M3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					18.104 ³
		5.65	2.40	0.075	= 1.017
		8.99	2.30	0.075	= 1.551
		7.76	2.40	0.075	= 1.397
		10.58	1.40	0.075	= 1.111
		8.69	2.60	0.075	= 1.695
		5.44	1.65	0.075	= 0.673
		10.67	2.70	0.075	= 2.161
		10.67	1.65	0.075	= 1.320
		6.47	2.40	0.075	= 1.165
		9.10	2.40	0.075	= 1.638
		8.99	1.15	0.075	= 0.775
		13.95	1.50	0.075	= 1.569

		11.03	1.40	0.075	= 1.158
		8.99	1.65	0.075	= 1.113
		6.92	2.70	0.075	= 1.401
		8.55	2.20	0.075	= 1.410
		7.01	1.85	0.075	= 0.974
		12.03	2.80	0.075	= 2.526
		11.15	0.85	0.075	= 0.711
		4.42	2.40	0.075	= 0.796
		7.32	2.35	0.075	= 1.237
		9.11	2.35	0.075	= 1.606
		7.93	2.50	0.075	= 1.482
		7.02	2.35	0.075	= 1.237
		11.15	1.60	0.075	= 1.338
					51.166 ⁴

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					51.166
		9.59 X	2.70 X	0.075 =	1.741
		13.13 X	2.35 X	0.075 =	2.314
		14.02 X	2.60 X	0.075 =	2.812
		7.25 X	1.85 X	0.075 =	1.006
		18.81 X	1.85 X	0.075 =	2.610
		9.55 X	2.35 X	0.075 =	1.683
		18.81 X	2.60 X	0.075 =	3.668
		19.35 X	1.60 X	0.075 =	1.862
		15.09 X	2.60 X	0.075 =	2.993
		11.94 X	2.35 X	0.075 =	2.104
		6.57 X	2.60 X	0.075 =	1.281
		15.09 X	1.85 X	0.075 =	2.094
		8.69 X	2.60 X	0.075 =	1.695
		5.44 X	1.85 X	0.075 =	0.755
		10.67 X	1.85 X	0.075 =	1.480
		10.65 X	2.60 X	0.075 =	2.076
		6.47 X	2.35 X	0.075 =	1.140
		9.11 X	1.60 X	0.075 =	1.093
		8.99 X	2.60 X	0.075 =	1.753
		7.57 X	1.85 X	0.075 =	1.050
		7.79 X	3.00 X	0.075 =	1.753
		7.79 X	2.60 X	0.075 =	1.519
		5.58 X	1.85 X	0.075 =	0.724
		6.75 X	2.60 X	0.075 =	1.316
		6.87 X	2.50 X	0.075 =	1.251
		9.98 X	1.35 X	0.075 =	1.010

Continuation

96.13 H³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					96.13 M ³
		2.07	1.70	0.075	= 1.029
		6.67	1.60	0.075	= 0.800
		5.31	1.85	0.075	= 0.737
		6.43	2.90	0.075	= 1.399
		5.35	2.90	0.075	= 1.164
		8.74	1.85	0.075	= 1.213
		8.13	2.80	0.075	= 1.707
		5.45	0.85	0.075	= 0.347
		5.35	2.40	0.075	= 0.963
		8.75	2.40	0.075	= 1.215
		6.00	1.35	0.075	= 0.608
		6.77	2.80	0.075	= 1.203
		8.13	2.50	0.075	= 1.529
		7.11	2.60	0.075	= 1.386
		9.47	1.60	0.075	= 1.136
		7.90	2.80	0.075	= 1.659
		5.18	1.85	0.075	= 0.719
		9.56	2.90	0.075	= 2.079
		9.56	1.85	0.075	= 1.326
		6.03	2.60	0.075	= 1.176
		8.22	2.60	0.075	= 1.603
		8.13	1.35	0.075	= 0.823
		12.28	1.70	0.075	= 1.566
		9.87	1.60	0.075	= 1.184
		8.13	1.85	0.075	= 1.128
		6.43	2.90	0.075	= 1.399

Continuation

127.223

M³

Record Entry:			
Date of Measurement - 28.5.20			
J.No. 1: - WBM Grade 3 (By mechanical)			
Providing laying supply and Compacting Stone aggregates of specific sizes to water bound Specification of the			
10.04	2.52	0.075	1.895
12.14	2.52	0.075	2.294
9.45	1.76	0.075	1.247
10.86	2.52	0.075	2.053
10.79	2.82	0.075	2.282
14.75	1.25	0.075	1.383
Continuation			11.1574 ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					11.157 M ³
		12.47	1.62	0.075	1.515
		10.79	1.52	0.075	1.230
		9.18	1.77	0.075	1.219
		10.49	2.82	0.075	2.219
		9.22	2.82	0.075	1.950
		13.28	1.77	0.075	1.763
		12.56	2.72	0.075	2.562
		9.37	0.77	0.075	0.539
		9.22	2.32	0.075	1.604
		10.88	2.32	0.075	1.890
		10.60	1.27	0.075	0.953
		9.20	2.50	0.075	1.725
		12.55	2.40	0.075	2.259
		11.33	2.52	0.075	2.141
		14.15	1.52	0.075	1.613
		12.28	2.72	0.075	2.501
		9.01	1.77	0.075	1.196
		14.24	2.82	0.075	3.012
		14.24	1.77	0.075	1.890
		10.04	2.52	0.075	1.895
		12.68	2.52	0.075	2.397
		12.56	1.27	0.075	1.196
		17.53	1.62	0.075	2.130
		14.63	1.52	0.075	1.668
		12.56	1.77	0.075	1.667
		10.49	2.82	0.075	2.219

Continuation

58.113 M³

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					58.1124
					$12.14 \times 2.32 \times 0.075 = 2.112$
					$10.59 \times 1.97 \times 0.075 = 1.565$
					$15.60 \times 2.92 \times 0.075 = 3.416$
					$14.73 \times 0.977 \times 0.075 = 1.072$
					$7.99 \times 2.52 \times 0.075 = 1.510$
					$10.59 \times 2.47 \times 0.075 = 1.962$
					$12.68 \times 2.47 \times 0.075 = 2.349$
					$11.50 \times 2.62 \times 0.075 = 2.260$
					$10.59 \times 2.47 \times 0.075 = 1.962$
					$14.73 \times 1.72 \times 0.075 = 1.900$
					$13.16 \times 2.82 \times 0.075 = 2.788$
					$16.70 \times 2.47 \times 0.075 = 3.096$
					$17.99 \times 2.72 \times 0.075 = 3.670$
					$10.85 \times 1.97 \times 0.075 = 1.603$
					$22.38 \times 1.97 \times 0.075 = 3.307$
					$22.38 \times 2.72 \times 0.075 = 4.566$
					$13.12 \times 2.47 \times 0.075 = 2.430$
					$18.92 \times 1.72 \times 0.075 = 2.441$
					$18.66 \times 2.72 \times 0.075 = 3.807$
					$15.51 \times 2.47 \times 0.075 = 2.873$
					$10.44 \times 2.72 \times 0.075 = 2.069$
					$18.66 \times 1.97 \times 0.075 = 2.757$
					$12.26 \times 2.72 \times 0.075 = 2.501$
					$9.00 \times 1.97 \times 0.075 = 1.330$
					$14.24 \times 1.97 \times 0.075 = 2.104$

Continuation

119.5564

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					119.556 y ³
		14.24 x	2.72 x	0.075 =	2.905
		10.07 x	2.47 x	0.075 =	1.860
		12.68 x	1.72 x	0.075 =	1.636
		12.56 x	2.72 x	0.075 =	2.562
		11.14 x	1.97 x	0.075 =	1.646
		11.36 x	3.12 x	0.075 =	2.658
		11.36 x	2.72 x	0.075 =	2.317
		9.15 x	1.97 x	0.075 =	1.352
		10.32 x	2.72 x	0.075 =	2.105
		10.24 x	2.62 x	0.075 =	2.012
		13.55 x	1.47 x	0.075 =	1.494

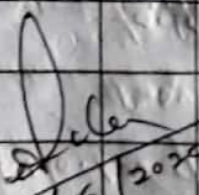
		11.64 x	1.82 x	0.075 =	1.589
		10.24 x	1.72 x	0.075 =	1.321
		8.88 x	1.97 x	0.075 =	1.312
		10.00 x	3.02 x	0.075 =	2.265
		8.92 x	3.02 x	0.075 =	2.020
		12.31 x	1.97 x	0.075 =	1.819
		11.70 x	2.92 x	0.075 =	2.562
		9.02 x	0.97 x	0.075 =	0.656
		8.92 x	2.52 x	0.075 =	1.686
		10.32 x	2.52 x	0.075 =	1.950
		9.57 x	1.47 x	0.075 =	1.055
		9.74 x	2.72 x	0.075 =	1.987
		11.70 x	2.62 x	0.075 =	2.299
		10.68 x	2.72 x	0.075 =	2.179

Continuation

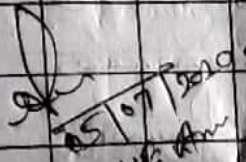
166.803
H³

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Record Entry:</u>					
<u>3.40.1 :- Prime Coat (coat)</u>					
Providing and applying					
primer coat with					
bitumen emulsion					
(SS-1) on prepared					
surface at L. & C.					
S.A. in sq. m. 1417.40					
$200.412 \times 0.075 = 2672.16$					
m^2					
<u>3.40.2 :- Tack Coat :-</u>					
Providing and applying					
tack coat with					
bitumen emulsion					
(RS-1) using emulsion					
distributor at the rate.					
$2672.16 m^2$					
<u>3.40.3 :- Providing laying</u>					
and setting of close					
graded premix					
surface at L.					
20 mm thick at L.					
$2672.16 m^2$					
 18/06/2020 J. G. Ammer					
 18/06/2020 J. G. Ammer					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Recor Battery:</u>					
<u>Date of Year - 30/06/2020</u>					
<u>No. 1:- Tack Coat:-</u>					
providing and applying					
tack coat with Bitumen					
emulsion (RS-1) type					
emulsion distributed					
et -- cup fl.					
$158 \times 30 \times 3.75$					$= 17775.0$
$1 \times 2 \times 3.75$					$= 7.50$
					17782.50
<u>No. 2:- Semi-Dense Bitum.</u>					
Concrete					
providing and coping					
Semi-dense Bitumen					
Concrete with 100-120					
SPH Gatch type					
11 MPa producing et fl.					
$4742 \times 3.75 \times 0.025$					$= 444.56$
					43
<u>Dec</u> <u>05/07/2020</u> J. B. Arora <u>In Reply</u> <u>10/7/2020</u> ~					

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
<u>Abstract of Cost:-</u>						
<u>Material Statement:-</u>						
(1) Earth	1294.56	43.				
(2) Metal	523.22	42.				
(3) C Lips	715.88	43.				
(4) Sand		X				
(5) C/Sand	79.48					
(6) Screey Helt.	89.13					
(7) Bitum. emuls.	8.407					
(8) Bitum.	5.90					
	57.892					
						

<u>Abstract of Cost</u>					
<u>Item 1:-</u> Cleaning and gouging Road (small by road means) including uprooting of C.P.T. V.P. No. 1 in T.Y.B.					
0.9484	to C.R.	49496	= 70/ft	46923	= 00
<u>Item 2:-</u> Construct of subgrade & then shoulders. Construct of gutter subgrade and earthen shoulder & C.P.T. V.P. No. 01 in T.Y.B.					
1294.56	43	176	= 96	48	229085 = 00

Continuation

276008 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					R-276008=0
J. No 3:- Construction of granular subbase by providing well graded material spreading in uniform layers of compact.					
V.P. No. 05 in T.H.B.					
155.228 $4^3 R$ - 2281 = 71 $4^3 R$ - 354185=0					
J. No 4:- Providing & laying spreading & compacting stone aggregates of					

Specification including					
Spreading & compacting					
stone aggregates of					
Specified Size Grade III W.B.M.					
et. Comp. 70					
V.P. No. 10 in T.H.B.					
133.477 $4^3 R$ - 4243 = 904 $4^3 R$ - 566463=0					
J. No 05:- Providing laying spreading and compacting stone aggregates of Specified					
Size Grade III W.B.M.					
et. Comp. 70					
V.P. No. 14 in T.H.B.					
200.412 $4^3 R$ - 3773 = 254 $4^3 R$ - 760213=0					
J. No 6:- Prime Coat (lower part)					
Providing & laying					
Prime Coat etc.					

Continuation

R-1956869=0

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					R-1756267-00
V.P. No. 16 in T. 4 B.					
2672.16 $\sqrt{2}$ B-40-96 $\sqrt{2}$ R-109452-00					
J. No. 7: Tack Coat:-					
Providing and applying					
tack coat					
laying and rolling					
of close graded					
material with bitumen emulsion					
RS-1 using emulsion					
of 20 mm size					
at: Comp. H.S.					
2672.16 $\sqrt{2}$ B-13-90 $\sqrt{2}$ R-37143-					
J. No. 8: Providing laying					
and rolling of close					
graded brown surface					
material of 20 mm size					
composed of 20 to 0.75 mm.					
(Type B) aggregate					
at: Comp. H.S.					
V.P. No. 16 in T. 4 B.					
2672.16 $\sqrt{2}$ B-222-94 $\sqrt{2}$ R-59372-00					
J. No. 9: Tack Coat:-					
Providing and applying					
tack coat with bitumen					
emulsion (RS-1) using					
emulsion of 1 C.					
V.P. No. 16 in T. 4 B.					
17782.50 $\sqrt{2}$ B-11-66 $\sqrt{2}$ R-20734-00					

Continuation

R-2904535-00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					R-2904535=0
J. No. 10: Provide and laying					
semi dense bitumens					
Concrete with 100-120					
TPH Catch type 44A					
Provisioning of C.P.C.					
at C.P. - 1.50					
V. P. 40.18 in T.Y.B.					
444.56 4 ³ R-10393=907 ³ R-4842992=0					
J. No. 10: Provide and laying					
of Typical 4454					
informal at C.P.R.					
V. P. 40.66 in T.Y.B.					

09 No R-9291209 Each R-18582=0					
					R-7766109=0
Add 11 Labour Cess - R-					7766109=0
Add 12 f. C.S. 7 - R-					931933=0
					R-8775703/-
Less 10 f. Below - R-					877570/-
					R-7898133=0


 05/07/2020
 J.E. Arreaga


 10/7/2020
 J. Arreaga