

3rd on AIG Bill

29

Sch. XLV-Form No. 134

| Sch. XLV-Form No. 134         |                               |    |    |    |                  |
|-------------------------------|-------------------------------|----|----|----|------------------|
| Particulars                   | Details of actual measurement |    |    |    | Contents of area |
|                               | No.                           | L. | B. | D. |                  |
| N/Work: → Const abt road from |                               |    |    |    |                  |
| P. S. D. Darga Ashan to       |                               |    |    |    |                  |
| Chandhai Bha (under           |                               |    |    |    |                  |
| m. mch) Tale Bha              |                               |    |    |    |                  |
| Agency: m/s Narendra Const.   |                               |    |    |    |                  |
| Vill- Kaur/Nagar, Ekmi-       |                               |    |    |    |                  |
| road, 1.8200, D.A. 1/1000.    |                               |    |    |    |                  |
| F/cash: 25,000.00             |                               |    |    |    | 59,28,209/-      |
| A. Value 1,00,000.00          |                               |    |    |    | 80,35,388/-      |
| Date of Start                 |                               |    |    |    | 11.7.2019        |
| Date of Completion            |                               |    |    |    | 10.7.2020        |
| Approved by _____             |                               |    |    |    |                  |

| (ft)            | P.P.       | P.P.       | Cash         |
|-----------------|------------|------------|--------------|
| Last End Pt     | Dist. from | Breadth    | A.W. Breadth |
| chainage        | from       | m          | m            |
| 0+00            | 0.0        | 4.0        | -            |
| 30.0            | 30         | 3.75       | 2.875        |
| 60.0            | 30         | 3.75       | 3.75         |
| 90.0            | 30         | 3.75       | 3.75         |
| 120.0           | 30         | 3.75       | 3.75         |
| 150.0           | 30         | 3.80       | 3.775        |
| Slope<br>1:1.65 | 15         | 4.40       | 4.10         |
| 180.0           | 15         | 4.05       | 4.225        |
| 195.0           | 15         | 4.0        | 4.025        |
| 210.0           | 15         | 3.75       | 3.875        |
| "               | OLD        | R.E.C. cum | 20%          |
|                 | L = 5-40   |            |              |
| 225.0           | 15         | 3.75       | 3.75         |

Continuation

$$866.625 \text{ m}^2$$

7.5.

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| Particulars      | Details of actual measurement     |      |       |    | Contents of area<br>$m^2$  |
|------------------|-----------------------------------|------|-------|----|----------------------------|
|                  | No.                               | L.   | B.    | D. |                            |
| <del>Chakr</del> | D.S.                              |      | B.F.  | -  | 866.625                    |
| 241.0            | 16.0                              | 4.0  | 3.875 | -  | 63.93                      |
|                  | R.C.C. Culvert (L = 5.10 m x 6.0) |      |       |    |                            |
| 271.0            | 30                                | 3.75 | 3.875 | -  | 116.25                     |
| 301.0            | 30                                | 3.75 | 3.75  | -  | 112.50                     |
| 331.0            | 30                                | 3.75 | 3.75  | -  | 112.50                     |
| 341.0            | 810.0                             | 2.75 | 3.75  | -  | <del>112.50</del><br>37.60 |
|                  | H.P.C. Culvert 1.0 m              |      |       |    |                            |
| 371.0            | 30                                | 3.75 | 3.75  | -  | 112.50                     |
| 401.0            | 30                                | 3.75 | 3.75  | -  | 112.50                     |
| 431.0            | 30                                | 3.75 | 3.75  | -  | 112.50                     |
| 461.0            | 30                                | 2.75 | 3.75  | -  | 112.50                     |

|                           |    |       |          |       |                         |
|---------------------------|----|-------|----------|-------|-------------------------|
| More 491.0                | 30 | 4.05  | 3.80     | -     | 117.0                   |
| 504                       | 15 | 4.0   | 4.025    | -     | 60.375                  |
| 521.0                     | 15 | 3.75  | 3.875    | -     | 58.125                  |
| 534                       | 13 | 7.60  | 5.675    | -     | 73.775                  |
| T. Length - 534.0         | -  | 10.50 | 523.00 m | -     | 2010.455 m <sup>2</sup> |
| Deduct R.C.C. Culvert     |    |       |          |       |                         |
| Length 2.10 m             |    |       |          |       |                         |
| L <sub>1</sub> = 5.40     | x  | 3.75  | =        | 20.25 |                         |
| L <sub>2</sub> = 5.10     | x  | 3.75  | =        | 19.12 |                         |
| L = 10.50                 |    |       | + 39.37  | (-)   | 39.37 m <sup>2</sup>    |
|                           |    |       |          |       | 1971.085 m <sup>2</sup> |
| (2/11) P.T. Culvert do do |    |       |          |       |                         |
| Length 2.10 m             |    |       |          |       |                         |
|                           |    |       |          |       | 1971.085 m <sup>2</sup> |
| (5/12) P.T. Culvert do do |    |       |          |       |                         |
| Length 2.10 m             |    |       |          |       |                         |
|                           |    |       |          |       | 1971.085 m <sup>2</sup> |
|                           |    |       |          |       | 1912.50 m <sup>2</sup>  |

Continuation

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| Particulars                                   | Details of actual measurement |             |                 |                        | Contents of area                         |
|-----------------------------------------------|-------------------------------|-------------|-----------------|------------------------|------------------------------------------|
|                                               | No.                           | L.          | B.              | D.                     |                                          |
| For W.B.M. 80-111                             |                               |             |                 |                        |                                          |
| 4/9/1                                         |                               |             |                 |                        |                                          |
| do - do - all other                           |                               |             |                 |                        |                                          |
| Wide Area (3/4)                               |                               |             |                 |                        | 1971.085 m <sup>2</sup>                  |
| 21                                            |                               |             |                 |                        | 1971.085 x 0.75 = 147.831 m <sup>2</sup> |
| (5)/8/1                                       |                               |             |                 |                        | (A)                                      |
| Const. of C.S.B. grade                        |                               |             |                 |                        |                                          |
| Irregular do - do                             |                               |             |                 |                        |                                          |
| Feet. Sh.                                     |                               |             |                 |                        |                                          |
| T. Length of B.T. V. de T. M. H. V. 30        |                               |             |                 |                        |                                          |
| 523.50 x                                      |                               |             |                 |                        | 4.05 x 2000 = 424.035 m <sup>2</sup>     |
|                                               |                               |             |                 |                        | [B]                                      |
|                                               |                               |             |                 |                        | 67.2020                                  |
|                                               |                               |             |                 |                        | 30                                       |
| 4.20 x 2.00 m. measured P.C.C. m <sup>2</sup> |                               |             |                 |                        |                                          |
| 1/3                                           |                               |             |                 |                        |                                          |
| Const. of W.B. reinforcement                  |                               |             |                 |                        |                                          |
| forced P.C.C. m <sup>3</sup> 30               |                               |             |                 |                        |                                          |
| do - do - as per list. sh.                    |                               |             |                 |                        |                                          |
| End of last Chainage                          | (m) Dist.                     | Breadth (m) | AV. Breadth (m) | Area (m <sup>2</sup> ) |                                          |
| 0.00                                          | 0                             | 3.80        |                 |                        |                                          |
| 30.0                                          | 30                            | 3.90        | 3.85            | =                      | 115.50                                   |
| 60.0                                          | 30                            | 3.90        | 3.90            | =                      | 117.0                                    |
| 90.0                                          | 15                            | 3.90        | 3.90            | =                      | 58.50                                    |
| 120.0                                         | 15                            | 4.40        | 4.15            | =                      | 62.25                                    |
| 150.0                                         | 30                            | 3.80        | 4.10            | =                      | 123.0                                    |
| 180.0                                         | 30                            | 3.80        | 3.80            | =                      | 114.0                                    |
| 200.0                                         | 20                            | 3.72        | 3.76            | =                      | 75.20                                    |
| Continuation                                  |                               |             |                 |                        | 60.779.45 m <sup>2</sup>                 |

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| Particulars                | Details of actual measurement |       |       |         | Contents<br>of area<br>m <sup>2</sup> |
|----------------------------|-------------------------------|-------|-------|---------|---------------------------------------|
|                            | No.                           | L.    | B.    | D.      |                                       |
|                            | Dfg                           | Bread | Alf P |         | 779.45                                |
| 230                        | 30                            | 3.75  | 3.735 | -       | 112.05                                |
| 240                        | 10                            | 7.20  | 5.475 | -       | 54.75                                 |
| 250                        | 100                           | 4.10  | 5.65  | -       | 56.50                                 |
| 280                        | 30                            | 3.75  | 3.925 | .       | 117.75                                |
| 290                        | 10                            | 4.60  | 4.175 | -       | 41.75                                 |
| 300                        | 10                            | 3.95  | 4.275 | -       | 42.75                                 |
| 315                        | 15                            | 4.05  | 4.0   | -       | 60.50                                 |
| 345                        | 30                            | 3.80  | 3.925 | -       | 117.75                                |
| 375                        | 30                            | 3.80  | 3.80  | -       | 114.0                                 |
| 405                        | 30                            | 3.75  | 3.775 | -       | 113.25                                |
| 425                        | 30                            | 3.75  | 3.75  | -       | 112.50                                |
| 465                        | 30                            | 3.80  | 3.775 | -       | 113.25                                |
| 495                        | 30                            | 3.80  | 3.80  | -       | 114.0                                 |
| 500                        | 5.0                           | 4.60  | 4.20  | -       | 63.50                                 |
| 505                        | 5.0                           | 6.30  | 5.45  | -       | 27.25                                 |
| 510                        | 5.0                           | 8.30  | 7.30  | -       | 36.5                                  |
| 525                        | 15                            | 4.0   | 6.15  | -       | 92.25                                 |
| 555                        | 30                            | 3.75  | 3.875 | -       | 116.25                                |
| 565                        | 10                            | 3.75  | 3.75  | -       | 37.50                                 |
| 575                        | 10                            | 5.10  | 4.425 | -       | 44.25                                 |
| 585.30                     | 10.30                         | 3.80  | 4.45  | -       | 45.83                                 |
| 587.0                      | 1.70                          | 7.80  | 5.80  | -       | 9.86                                  |
| 588.0                      | 1.0                           | 8.50  | 8.15  | -       | 8.15                                  |
| T. Length = 588.00         |                               |       |       | T. Area | 2388.59 m <sup>2</sup>                |
| Qty. 2388.59 X 0.160 (100) |                               |       |       |         | = 382.174 m <sup>2</sup>              |

Continuation

| Particulars                        | Details of actual measurement |              |        |                          | Contents<br>of area    |
|------------------------------------|-------------------------------|--------------|--------|--------------------------|------------------------|
|                                    | No.                           | L.           | B.     | D.                       |                        |
|                                    |                               | G.B =        |        |                          | 382.174 m <sup>2</sup> |
| Extra R.C.                         |                               |              |        |                          |                        |
| Near H.P.                          |                               |              |        |                          |                        |
| change                             | 4.05 x 1                      | 50 x         | 0.150  | = 0.911                  |                        |
| 188 and                            | 3.80 x 1                      | .30 x        | (0.15) | 0.741                    |                        |
| 388                                |                               |              |        |                          |                        |
|                                    | 3.80 x                        | 1.50 x       | 0.15   | = 0.855                  |                        |
|                                    | 3.85 + 4.45                   |              |        |                          |                        |
|                                    | <u>2</u>                      | x 1.70 x     | 0.160  | = 1.128                  |                        |
| At H.P.                            | 1x                            | 2.20 x       | 0.90 x | 0.15                     | = 0.297                |
| to house                           | 1x                            | 11.65 x      | 1.15 x | .15                      | = 2.009                |
|                                    | 1x                            | 1.5 x        | .90 x  | .15                      | = 0.202                |
|                                    |                               |              |        |                          |                        |
|                                    |                               |              |        |                          | 388.317 m <sup>2</sup> |
| [2/9]                              | P.A.M.B.M.                    | g-215 - d/c  |        |                          |                        |
|                                    |                               |              |        |                          |                        |
| wide open at P.O. v. T.M.B.P. - 32 |                               |              |        |                          |                        |
|                                    | 2x                            | 2388.59 x    | 0.075  | = 179.144 m <sup>2</sup> |                        |
|                                    |                               |              |        |                          |                        |
| (3/4) Excavation for road          |                               |              |        |                          |                        |
| width of road                      |                               |              |        |                          |                        |
| Total length = 588m                |                               |              |        |                          |                        |
| Width of road - 32                 |                               |              |        |                          |                        |
|                                    | 2x                            | 588 x .375 x | .10    | = 44.10 m <sup>2</sup>   |                        |
| Deduct present c/cy                |                               |              |        |                          |                        |
| V = 11.14 P-23 (d/c)               |                               |              |        |                          | 56.625                 |
|                                    |                               |              |        |                          |                        |
|                                    |                               |              |        |                          | 12.525 m <sup>2</sup>  |
| (4/8) Comp. of A.S.R. unit         |                               |              |        |                          |                        |
| - d/c after back-slp               |                               |              |        |                          |                        |
|                                    | 2x                            | 588 x .375 x | .10    | = 44.10                  |                        |
|                                    |                               |              |        |                          |                        |
| For 2.00 V.T.M.B.P. - 09           |                               |              |        |                          | 23.349                 |
| d/c                                | 3.60 + 6.160 - 5.184          |              | 4.60   | =                        |                        |
| + 2.275                            |                               |              |        |                          |                        |

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| Particulars                | Details of actual measurement |    |    |               | Contents of area     |
|----------------------------|-------------------------------|----|----|---------------|----------------------|
|                            | No. •                         | L. | B. | D.            |                      |
| (4/8) Total E.S.A. -       |                               |    |    |               |                      |
| Qty (A) -                  |                               |    |    | P-31          | 424.035              |
| Under F.M.B.P. 33 (B) -    |                               |    |    |               | 67.449               |
|                            |                               |    |    |               | 491.484 <sup>m</sup> |
| Decked area                |                               |    |    |               | 489.654              |
|                            |                               |    |    |               | 11.830 <sup>m</sup>  |
| (5/9) P.H. W.B.M. gr-IV de |                               |    |    |               |                      |
| (A) Qty -                  |                               |    |    | W.B.M.B.P. 31 | 147.831 <sup>m</sup> |
| (B) Qty -                  |                               |    |    | V.T.M.B.P. -  | 179.144              |
|                            |                               |    |    |               | 326.975 <sup>m</sup> |
| Decked area                |                               |    |    | (-)           | 347.739 <sup>m</sup> |
|                            |                               |    |    | T.C-1         | 20.764 <sup>m</sup>  |

|                               |                  |             |             |  |                          |
|-------------------------------|------------------|-------------|-------------|--|--------------------------|
| (6/5) Comp. structure of road |                  |             |             |  |                          |
| Qty as per schedule           |                  |             |             |  |                          |
| chainage                      | Length Dist. for | C/S. A in m | AV. C/S. A. |  | Volume in m <sup>3</sup> |
| 0.0                           |                  | 2.466       |             |  | 119.70                   |
| 50.0                          | 50               | 2.668       | 2.567       |  | 128.35                   |
| 100.0                         | 50               | 2.832       | 2.750       |  | 137.50                   |
| 150.0                         | 50               | 2.434       | 2.633       |  | 131.65                   |
| 200.0                         | 50               | 2.759       | 2.597       |  | 129.85                   |
| 250.0                         | 50               | 2.745       | 2.752       |  | 137.60                   |
| 300.0                         | 50               | 2.791       | 2.768       |  | 138.40                   |
| 350.0                         | 50               | 2.499       | 2.645       |  | 132.25                   |
| 400.0                         | 50               | 3.021       | 2.76        |  | 138.00                   |
| 450.0                         | 50               | 2.763       | 2.892       |  | 144.60                   |
| 500.0                         | 50               | 2.797       | 2.780       |  | 139.0                    |

Continuation

C.O. 1357.20 m<sup>3</sup>

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| Particulars      | Details of actual measurement |          |          |     | Contents of area       |
|------------------|-------------------------------|----------|----------|-----|------------------------|
|                  | No.                           | L.       | B.       | D.  |                        |
|                  |                               | BF       |          |     | 1357.20                |
| 550              | 50                            | 2.882    | 2.840    |     | 142.0                  |
| 600              | 50                            | 2.875    | 2.879    |     | 143.95                 |
| 650              | 50                            | 2.780    | 2.828    |     | 141.40                 |
| 700              | 50                            | 3.016    | 2.898    |     | 144.90                 |
| 750              | 50                            | 2.802    | 2.909    |     | 145.45                 |
| 800              | 50                            | 3.078    | 2.940    |     | 147.00                 |
| 850              | 50                            | 3.003    | 3.041    |     | 152.05                 |
| 900              | 50                            | 2.925    | 2.964    |     | 148.20                 |
|                  |                               | PART 2   |          |     |                        |
| 0.0              | 0.0                           | 2.561    |          |     |                        |
| 50.0             | 50                            | 2.780    | 2.671    |     | 133.55                 |
| 100              | 50                            | 1.313    | 2.047    |     | 102.35                 |
| 150              | 50                            | 1.295    | 1.304    |     | 65.20                  |
| 200              | 50                            | 1.283    | 1.289    |     | 64.45                  |
| 222              | 22                            | 1.284    | 1.284    |     | 28.25                  |
|                  |                               |          |          | T.  | 2915.95m <sup>3</sup>  |
| <u>Deduction</u> |                               |          |          |     |                        |
| (i) Sulphur      |                               |          | 1047.340 |     |                        |
| (ii) W.S.B.      |                               |          | 491.484  |     |                        |
| (iii) W.B.M.     |                               |          | 326.975  |     |                        |
|                  |                               |          | T        |     | 1865.799m <sup>3</sup> |
|                  |                               |          |          | (-) | 1865.799m <sup>3</sup> |
|                  |                               |          |          | T   | 1050.151m <sup>3</sup> |
| (2/5) Lead 1000m |                               |          |          |     |                        |
| T. Qty.          |                               | 1050.151 | 302      |     | 315.045m <sup>3</sup>  |

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| Particulars                                                                    | Details of actual measurement |    |    |    | Contents of area       |
|--------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------------|
|                                                                                | No.                           | L. | B. | D. |                        |
| (ii/16) Lead - 100.00 m <sup>3</sup><br>T. of 1050.15 m <sup>3</sup><br>X .705 |                               |    |    |    | 735.105 m <sup>3</sup> |
| (iii/17) Sulphate - 1047.300 m <sup>3</sup>                                    |                               |    |    |    |                        |
| (7/15) Wood                                                                    |                               |    |    |    |                        |
| Pr R.C. m/s grade Rm                                                           |                               |    |    |    |                        |
| Stone - 1000 m <sup>3</sup>                                                    |                               |    |    |    |                        |
| Leak - 20'                                                                     |                               |    |    |    |                        |
| (iv) ordinary R.M. Stone - 2.00                                                |                               |    |    |    |                        |
| (ii/16) 2000 m Stone - 5.00                                                    |                               |    |    |    |                        |
| (v/18) Ph. masonry structure - 1000 m <sup>3</sup>                             |                               |    |    |    |                        |
| mandatory road inter                                                           |                               |    |    |    |                        |
| mandary sign board                                                             |                               |    |    |    |                        |
| do as per schedule                                                             |                               |    |    |    |                        |
| (vi/19) 600 mm square                                                          |                               |    |    |    |                        |
| triangle - 4.00                                                                |                               |    |    |    |                        |
| (vii/20) 600 mm high                                                           |                               |    |    |    |                        |
| circle - 2.00                                                                  |                               |    |    |    |                        |
| (viii/21) 600 mm x 450 mm                                                      |                               |    |    |    |                        |
| rectangular                                                                    |                               |    |    |    |                        |
| (ix) Boundary pillar -                                                         |                               |    |    |    |                        |
| do as per schedule - 14.00                                                     |                               |    |    |    |                        |
| (x/22) Road marking with                                                       |                               |    |    |    |                        |
| mark applied stone                                                             |                               |    |    |    |                        |
| plastic compound                                                               |                               |    |    |    |                        |

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| Particulars                 | Details of actual measurement |            |           |    | Contents of area                              |
|-----------------------------|-------------------------------|------------|-----------|----|-----------------------------------------------|
|                             | No.                           | L.         | B.        | D. |                                               |
| <del>do</del> as per sketch |                               |            |           |    |                                               |
| on B.T. Portals             |                               |            |           |    |                                               |
| Total length                |                               | 534        |           |    |                                               |
| V.T. on B.P. - 80           |                               |            |           |    |                                               |
| 2x 534 x 10 =               |                               |            |           |    | 106.80 m <sup>2</sup>                         |
| 10/23) Road Marking - do -  |                               |            |           |    |                                               |
| <del>do</del> C.C. Pav.     |                               |            |           |    |                                               |
| - as per sketch             |                               |            |           |    |                                               |
| V.T. on B.P. - 32           |                               |            |           |    |                                               |
| T. Length                   |                               | 688        |           |    |                                               |
| Detailed length             |                               |            |           |    |                                               |
| H.P.C. - 2x 4 = 8           |                               |            |           |    |                                               |
| man                         |                               | 5x 11 = 11 |           |    |                                               |
| <del>Plinth</del>           |                               |            | 569       |    |                                               |
| Mane - 2x 588 x 10 =        |                               |            |           |    | 113.80 m <sup>2</sup><br>17.60 m <sup>2</sup> |
| (11/30) plastering with     |                               |            |           |    |                                               |
| C.M.C. (1:1:6) in 2 coats   |                               |            |           |    |                                               |
| - do - as per sketch        |                               |            |           |    |                                               |
| 2x 600 H.P.C. dia. 600 mm   |                               |            |           |    | m <sup>2</sup>                                |
| Pl side                     | 2x                            | 4x3.85x    | 0.10      |    | 30.80                                         |
| Pl base                     | 2x                            | 4x         | 0.40x0.50 |    | 1.60                                          |
| Pl TOP                      | 2x                            | 2x         | 3.85x.40  |    | 6.11                                          |
| H/side                      | 2x                            | 2x         | 3.85x.60  |    | 9.24                                          |
| 1x02 - H.P.C. dia. 1000 mm  |                               |            |           |    |                                               |
| Pl side                     | 4x                            | 6.20x      | .60       |    | 14.88                                         |
| Pl base                     | 4x                            | 0.40x      | .60       |    | 0.96                                          |
| Pl TOP                      | 2x                            | 6.20x      | 0.40      |    | 4.96                                          |
| H/side                      | 2x                            | 6.20x      | 1.15      |    | 13.83                                         |
| Continuation                |                               |            |           |    | 82.43 m <sup>2</sup><br>62.67 m <sup>2</sup>  |



Continuation

11-14-2020