

**M.P.G.SY. NEW S.C.**  
**Schedule XLV-Form No. 134**

M.B.NO-3296

दस्तावेज प्रमाण के अंगीकार के लिए प्रमाणित किया जाता है कि  
प्रमाणित किया जाता है कि

प्रमाणित किया जाता है कि  
DIVISION

प्रमाणित किया जाता है कि

प्रमाणित किया जाता है कि  
SUB-DIVISION

दस्तावेज

**MEASUREMENT BOOK**

M.B.NO. 3296

Work done

① Const. of G.S.D. by pit well

graded Material --- 24

$$2 \times 1 \times 25.00 \times 0.525 \times 0.10 = 2.63 \text{ cu}$$
$$1 \times 25.00 \times 4.05 \times 0.100 = 10.13 \text{ "}$$
$$1 \times 10.00 \times 3.75 \times 0.100 = 3.75 \text{ "}$$

Add for curve

$$1 \times 20.00 \times \left( \frac{15.30 + 4.05}{2} - 4.05 \right) \times 0.10 = 1.25 \text{ "}$$
$$1 \times 15.00 \times \left( \frac{4.05 + 19.90}{2} - 4.05 \right) \times 0.10 = 3.64 \text{ "}$$
$$1 \times 15.00 \times \left( \frac{3.75 + 16.20}{2} - 3.75 \right) \times 0.10 = 1.84 \text{ "}$$
$$1 \times 10.00 \times \left( \frac{3.75 + 4.00}{2} - 3.75 \right) \times 0.10 = 0.53 \text{ "}$$
$$1 \times 15.00 \times \left( \frac{5.30 + 3.75}{2} - 3.75 \right) \times 0.10 = 1.31 \text{ Cu}$$

Continuation

$$1 \times 15.00 \times \left( \frac{4.05 + 6.70}{2} - 4.05 \right) \times 0.10 = 2.14 \text{ "}$$
$$\underline{27.22 \text{ Cu}}$$

| Sch. XLV- Form No. 134                                               |                               |    |    |    | Contents of area             |
|----------------------------------------------------------------------|-------------------------------|----|----|----|------------------------------|
| Particulars                                                          | Details of actual measurement |    |    |    |                              |
|                                                                      | No.                           | L. | B. | D. |                              |
| ② p/v Laying, spreading and<br>compacting stone aggregate            |                               |    |    |    |                              |
| 5 X 4 X 25. w X 3.75 X 0.075                                         |                               |    |    |    | 140.63 cu                    |
| 4 X 4 X 25. w X 3.75 X 0.075                                         |                               |    |    |    | 112.50 "                     |
| 1 X 25. w X 3.75 X 0.075                                             |                               |    |    |    | 7.03 "                       |
| 1 X 10. w X 3.75 X 0.075                                             |                               |    |    |    | 2.81 "                       |
| Add for curve                                                        |                               |    |    |    |                              |
| 1 X 20. w X $\left(\frac{5.30 + 3.75}{2} - 3.75\right) \times 0.075$ |                               |    |    |    | <del>116.23 cu</del> 1.16 cu |
| 1 X 15. w X $\left(\frac{3.75 + 8.90}{2} - 3.75\right) \times 0.075$ |                               |    |    |    | 2.90 "                       |
| 1 X 15.00 X $\left(\frac{3.75 + 6.20}{2} - 3.75\right) \times 0.075$ |                               |    |    |    | 1.38 "                       |
| 1 X 10. w X $\left(\frac{3.75 + 4.80}{2} - 3.75\right) \times 0.075$ |                               |    |    |    | 0.37 "                       |
| 1 X 15. w X $\left(\frac{3.75 + 2.25}{2} - 3.75\right) \times 0.075$ |                               |    |    |    | 0.98 "                       |
| 1 X 15 w X $\left(\frac{3.75 + 6.90}{2} - 3.75\right) \times 0.075$  |                               |    |    |    | 1.77 "                       |
|                                                                      |                               |    |    |    | 271.55 cu                    |
|                                                                      |                               |    |    |    | Limit - 268.52 cu            |
| ③ p/v and applying primer                                            |                               |    |    |    |                              |
| Cost with RS-1 - - - E/s                                             |                               |    |    |    |                              |
| 5 X 4 X 25. w X 3.75                                                 |                               |    |    |    | 1875.00 sq                   |
| 1 X 25.00 X 3.75                                                     |                               |    |    |    | <del>93.75</del> 7.38 "      |
| Add for curve                                                        |                               |    |    |    |                              |
| 1 X 20. w X $\left(\frac{5.30 + 3.75}{2} - 3.75\right)$              |                               |    |    |    | 15.50 sq                     |
| 1 X 15. w X $\left(\frac{3.75 + 8.90}{2} - 3.75\right)$              |                               |    |    |    | 38.63 "                      |
| 1 X 15. w X $\left(\frac{3.75 + 6.90}{2} - 3.75\right)$              |                               |    |    |    | 23.63 "                      |
|                                                                      |                               |    |    |    | 2046.51 sq                   |
|                                                                      |                               |    |    |    | Limit 2035.13                |
| ④ p/v and applying face coat                                         |                               |    |    |    |                              |
| with RS-1 - - - E/s                                                  |                               |    |    |    |                              |

Continuation

| Particulars                                                | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                            | No.                           | L. | B. | D. |                  |
| Same Bty as per                                            |                               |    |    |    |                  |
| Item ③ page-14                                             |                               |    |    |    | 2035.13 sq       |
| Bty                                                        |                               |    |    |    | 37               |
| ⑤ plv and <sup>using roller</sup> applying <del>fill</del> |                               |    |    |    |                  |
| Acft of close grade                                        |                               |    |    |    |                  |
| prime surfacing                                            |                               |    |    |    |                  |
| Same Bty as                                                |                               |    |    |    |                  |
| per item ③ page-14                                         |                               |    |    |    | 2035.13 sq       |
| Bty                                                        |                               |    |    |    |                  |
| ⑥ Cont. of Un-reinforced                                   |                               |    |    |    |                  |
| plain Cement concrete                                      |                               |    |    |    |                  |
| Pavement                                                   |                               |    |    |    | 8/1              |

|                                                            |          |
|------------------------------------------------------------|----------|
| $1 \times 15.00 \times \frac{6.20 + 3.30}{2} \times 0.160$ | 11.60 Cu |
| $1 \times 15.00 \times \frac{3.30 + 2.90}{2} \times 0.160$ | 7.44 "   |
| $1 \times 20.00 \times \frac{2.90 + 3.80}{2} \times 0.160$ | 10.72 "  |
| $1 \times 8.00 \times \frac{3.80 + 3.50}{2} \times 0.160$  | 4.67 "   |
| $2 \times 25.00 \times \frac{3.75}{2} \times 0.160$        | 30.00 "  |
| $1 \times 10.00 \times \frac{3.75 + 2.80}{2} \times 0.160$ | 5.24 "   |
| $1 \times 20.00 \times \frac{3.60 + 4.80}{2} \times 0.160$ | 13.44 "  |
| $1 \times 25.00 \times \frac{4.40 + 4.70}{2} \times 0.160$ | 18.20 "  |
| $1 \times 25.00 \times \frac{5.50 + 3.75}{2} \times 0.160$ | 18.50 "  |
| $3 \times 25.00 \times 3.75 \times 0.160$                  | 45.00 "  |
| $1 \times 25.00 \times \frac{3.75 + 3.20}{2} \times 0.160$ | 14.50 "  |
| $1 \times 25.00 \times \frac{3.20 + 3.7}{2} \times 0.160$  | 14.50 "  |

Continuation

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| Particulars                            | Details of actual measurement |              |    | Contents of area |
|----------------------------------------|-------------------------------|--------------|----|------------------|
|                                        | No.                           | L.           | B. |                  |
| 2x25.00 x 3.75 x 0.160                 |                               |              |    | 30.00 cum        |
| 1x10.00 x 3.75 x 0.160                 |                               |              |    | 6.00 "           |
| Add for at Prumukh House               |                               |              |    |                  |
| 1x15.00 (7.00-3.75) x 0.160            |                               |              |    | 7.80 "           |
|                                        |                               |              |    | 237.41 cu        |
| (7) 8mm stone                          |                               |              |    |                  |
|                                        |                               | Qty          |    | 01 Mo.           |
| (8) 20mm stone                         |                               |              |    |                  |
|                                        |                               | Qty          |    | 04 Mo.           |
| (9) 600 mm circular                    |                               |              |    |                  |
|                                        |                               | Qty          |    | 04 Mo.           |
| (10) 900 mm equilateral T Triangle     |                               |              |    |                  |
|                                        |                               | Qty          |    | 02 Mo.           |
| (11) 600 mm x 450 mm rectangular       |                               |              |    |                  |
|                                        |                               | Qty          |    | 02 Mo.           |
| (12) p.v and Laying of hot asphalt     |                               |              |    |                  |
| thermo plastic Compound                |                               |              |    | 160.00           |
| 2x8x4x25.00 x 0.100                    |                               |              |    | 80.00 sqm        |
| 2x3x25.00 x 0.100                      |                               |              |    | 15.00            |
| 2x1x23.00 x 0.100                      |                               |              |    | 4.60             |
|                                        |                               |              |    | 2.30 "           |
|                                        |                               |              |    | 89.80 sqm        |
|                                        |                               |              |    | 179.60 sqm       |
| (13) planting of trees by the road     |                               |              |    |                  |
| Side                                   |                               | Qty          |    | 56.00 Nos        |
| (14) p.v and erecting alignment        |                               |              |    |                  |
| Sign board                             |                               |              |    | 01 Mo.           |
| (15) p.v and fixing of typical railway |                               |              |    |                  |
| information sign board                 |                               |              |    |                  |
|                                        |                               | Continuation |    | 06 Mo.           |

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| Particulars                      | Details of actual measurement |       |           |           | Contents of area           |
|----------------------------------|-------------------------------|-------|-----------|-----------|----------------------------|
|                                  | No.                           | L.    | B.        | D.        |                            |
| (16) <u>Earthwork Ret. sheet</u> |                               |       |           |           |                            |
| Sl. No.                          | chain age                     | Area  | Mean Area | Dist. mce | Volume                     |
| 1.                               | 0                             | 1.506 |           |           |                            |
| 2.                               | 50                            | 1.545 | 1.526     | 50.00     | 76.275                     |
| 3.                               | 100                           | 1.870 | 1.708     | 50.00     | 85.345                     |
| 4.                               | 150                           | 1.861 | 1.846     | 50        | 93.275                     |
| 5.                               | 200                           | 1.859 | 1.860     | 50        | 93.800                     |
| 6.                               | 250                           | 1.866 | 1.863     | 50        | 93.125                     |
| 7.                               | 300                           | 1.872 | 1.869     | 50        | 93.450                     |
| 8.                               | 350                           | 1.903 | 1.888     | 50        | 94.375                     |
| 9.                               | 400                           | 1.804 | 1.804     | 50        | 92.675                     |
| 10.                              | 450                           | 2.424 | 2.119     | 50        | 2114<br>705.70             |
| 11.                              | 500                           | 1.590 | 2.007     | 50        | 100.350<br>2.007<br>81.850 |
| 12.                              | 550                           | 1.684 | 1.637     | 50        | 1.637<br>80.175            |
| 13.                              | 600                           | 1.523 | 1.604     | 50        | 1.604<br>77.025            |
| 14.                              | 650                           | 1.558 | 1.541     | 50        | 1.541<br>78.400            |
| 15.                              | 700                           | 1.578 | 1.568     | 50        | 1.568<br>77.675            |
| 16.                              | 750                           | 1.607 | 1.594     | 50        | 1.594<br>79.925            |
| 17.                              | 800                           | 1.588 | 1.599     | 50        | 1.599<br>78.325            |
| 18.                              | 850                           | 1.545 | 1.567     | 50        | 1.567<br>77.975            |
| 19.                              | 900                           | 1.574 | 1.560     | 50        | 1.560                      |
| 20.                              | 950                           | 1.672 | 1.623     | 50        | 81.150                     |
| Total of U & V Ret. with crust   |                               |       |           |           | 1642.100 cu                |
| G.S.B. ——— (C)                   |                               |       |           |           | 432.12 "                   |
| Asphalt-3 ——— (C)                |                               |       |           |           | 268.52 "                   |
| P.C.C. ——— (C)                   |                               |       |           |           | 237.41 cu                  |
| Total of U & V Ret.              |                               |       |           |           | 704.05 cu                  |

Continuation

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| Particulars                              | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------|-------------------------------|----|----|----|------------------|
|                                          | No.                           | L. | B. | D. |                  |
| ① Const of Embankment — <del>ch</del>    |                               |    |    |    | 84.70 cm         |
| Bdy —                                    |                               |    |    |    |                  |
| (II) Const of Embankment — <del>ch</del> |                               |    |    |    | 130.11 cm        |
| Bdy —                                    |                               |    |    |    |                  |
| (III) Const of subgrade — <del>ch</del>  |                               |    |    |    | 489.24 cm        |
| Bdy —                                    |                               |    |    |    |                  |
| (17) provided laying of a reinforced     |                               |    |    |    |                  |
| Cement concrete pipe diameter 15.00 m    |                               |    |    |    |                  |
| 2X3X2.50 —                               |                               |    |    |    | 15.50            |
| Sum                                      |                               |    |    |    |                  |
| 17.03.2022                               |                               |    |    |    |                  |
| AE                                       |                               |    |    |    |                  |

Material Statement

|                       |           |
|-----------------------|-----------|
| (1) Earthwork —       | 704.05 cm |
| (2) Stone Metal —     | 739.78 cm |
| (3) Stone chips —     | 268.62 cm |
| (4) Stone Screening — | 64.47 cm  |
| (5) Sand —            | 240.54 m  |
| (6) Cement —          | 82.07 MT  |
| (7) SS-1 —            | 1.729 MT  |
| (8) RS-1 —            | 0.560 MT  |
| (9) S-90 —            | 4.176 MT  |

Emulsion SS-1 and RS-1 Invoice serial

No. JBD/21-22/000R33 Date 10.02.22

Distress Vaid Tax Invoice BH550000676

Date 02/04/2021

|               |       |       |       |    |
|---------------|-------|-------|-------|----|
|               | SS-1  | RS-1  | S-90  |    |
| Bdy —         | 2.000 | 0.600 | 4.524 | MT |
| Consumption — | 1.729 | 0.560 | 4.176 | MT |

Balance 0.271 0.040 0.348 MT

Sum

17.03.22

SE

Sum

18/03/2022

AE

Sch. XLV—Form No. 134

| Particulars                                                                                                                                                                       | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                                   | No.                           | L. | B. | D. |                  |
| (i) Const of Embankment—ch<br>Qty —————                                                                                                                                           |                               |    |    |    | 84.70 cum        |
| (ii) Const of Embankment—ch<br>Qty —————                                                                                                                                          |                               |    |    |    | 130.11 cum       |
| (iii) Const of subgrade—ch<br>Qty —————                                                                                                                                           |                               |    |    |    | 489.24 cum       |
| (iv) Prov and laying of a reinforced<br>Cement concrete pipe diameter 15 cm<br>2x3x2.50 —————                                                                                     |                               |    |    |    | 15.50            |
| <div style="display: flex; justify-content: space-between;"> <div> <p><i>Sumit</i><br/>17.03.2022<br/>JC</p> </div> <div> <p><i>Sumit</i><br/>18/03/2022<br/>AE</p> </div> </div> |                               |    |    |    |                  |

Material Statement

|                           |            |
|---------------------------|------------|
| (1) Earthwork —————       | 704.05 cum |
| (2) Stone Metal —————     | 739.78 cum |
| (3) Stone chips —————     | 268.62 cum |
| (4) Stone Screening ————— | 64.47 cum  |
| (5) Sand —————            | 210.54 cu  |
| (6) Cement —————          | 82.07 MT   |
| (7) SS-1 —————            | 1.729 MT   |
| (8) RS-1 —————            | 0.560 MT   |
| (9) S-90 —————            | 4.176 MT   |

Emulsion SS-1 and RS-1 invoice serial

No. JBD/21-22/000R33 Date 10.02.22

Distress Vaid Tax invoice BH/550000676

Date 02/04/2021

|               |       |       |          |
|---------------|-------|-------|----------|
|               | SS-1  | RS-1  | S-90     |
| Qty —         | 2.000 | 0.600 | 4.524 MT |
| Consumption — | 1.729 | 0.560 | 4.176 MT |

Balance 0.271 0.040 0.348 MT

*Sumit*  
17.03.22  
JC*Sumit*  
18/03/2022  
AE

# ABSTRACT OF COST

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| Particulars                                   | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------|-------------------------------|----|----|----|------------------|
|                                               | No.                           | L. | B. | D. |                  |
| ① Plv and fixing of working benchmark pillars |                               |    |    |    |                  |
| 0.950 km wide MB p-1                          |                               |    |    |    |                  |
| 36.87 = 54                                    |                               |    |    |    |                  |
| @ Rs 95000/km ————— Rs 3503 = 0               |                               |    |    |    |                  |
| ② Setting of Reference pillar                 |                               |    |    |    |                  |
| 0.950 km wide MB p-1                          |                               |    |    |    |                  |
| @ Rs 1704 = 14/km ————— Rs 1617 = 0           |                               |    |    |    |                  |
| ③ Clearing and grubbing Road land             |                               |    |    |    |                  |
| — — — — — E/1                                 |                               |    |    |    |                  |
| 0.67 Hec wide MB p-1                          |                               |    |    |    |                  |
| @ Rs 51133 = 76/Hec ————— Rs 34260 = 0        |                               |    |    |    |                  |
| ④ Box cutting of existing Road                |                               |    |    |    |                  |
| — — — — — E/1                                 |                               |    |    |    |                  |
| 56.70 Cum wide MB p-1                         |                               |    |    |    |                  |
| @ Rs 74 = 16/Cum ————— Rs 4205 = 0            |                               |    |    |    |                  |
| ⑤/7 Const of Embankment — — — — — E/1         |                               |    |    |    |                  |
| 84.70 Cum wide MB p-18                        |                               |    |    |    |                  |
| @ Rs 175 = 22/Cum ————— Rs 14841 = 0          |                               |    |    |    |                  |
| ⑥/8 Const of Embankment — — — — — E/1         |                               |    |    |    |                  |
| 130.11 Cum wide MB p-18                       |                               |    |    |    |                  |
| @ Rs 141 = 14/Cum ————— Rs 18364 = 0          |                               |    |    |    |                  |
| ⑦/9+10 Const of Subgrade — — — — — E/1        |                               |    |    |    |                  |
| 489.24 Cum wide MB p-18                       |                               |    |    |    |                  |
| @ Rs 176 = 86/Cum ————— Rs 86527 = 0          |                               |    |    |    |                  |
| ⑧/11+16 Const of GSB by plv well              |                               |    |    |    |                  |
| graded Material — — — — — E/1                 |                               |    |    |    |                  |
| 406.14 Cum wide MB p-11                       |                               |    |    |    |                  |
| 27.22 Cum wide MB p-13                        |                               |    |    |    |                  |
| 433.36 Cum                                    |                               |    |    |    |                  |
| Limit 432.12 Cum                              |                               |    |    |    |                  |
| @ Rs 3138 = 34/Cum ————— Rs 1356139 = 00      |                               |    |    |    |                  |

## Sch. XLV—Form No. 134

| Particulars                                                   | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                               | No.                           | L. | B. | D. |                  |
| (9/12/17) p/v. Laying, spreading and compacting stone masonry |                               |    |    |    |                  |
| 268.52 cum wide MB P-14                                       |                               |    |    |    |                  |
| @ Rs 38/5 = 05/cum                                            |                               |    |    |    | Rs 10294/7 =     |
| (10/13) p/v and applying premier coat with ss-1               |                               |    |    |    |                  |
| 2035.13 sqm wide MB P-14                                      |                               |    |    |    |                  |
| @ Rs 44 = 74/sqm                                              |                               |    |    |    | Rs 91052 =       |
| (11/14) p/v and applying tack coat with Rs-1                  |                               |    |    |    |                  |
| 2035.13 sqm wide MB P-15                                      |                               |    |    |    |                  |
| @ Rs 15 = 22/sqm                                              |                               |    |    |    | Rs 30973 =       |
| (12/15) p/v and roller of close graded premix surface         |                               |    |    |    |                  |
| 2035.13 sqm wide MB P-15                                      |                               |    |    |    |                  |
| @ Rs 234 = 16/sqm                                             |                               |    |    |    | Rs 476546 =      |
| (13/18) Cost of Un-reinforced plain Cement concrete pavement  |                               |    |    |    |                  |
| 237.91 cum wide MB P-16                                       |                               |    |    |    |                  |
| @ Rs 71/91 = 45/cum                                           |                               |    |    |    | Rs 1707322 =     |
| (14/19) km Stone                                              |                               |    |    |    |                  |
| 01 No. wide MB P-16                                           |                               |    |    |    |                  |
| @ Rs 2281 = 84/each                                           |                               |    |    |    | Rs 2282 =        |
| (15/20) 200 mm stone                                          |                               |    |    |    |                  |
| 04 Nos. wide MB P-16                                          |                               |    |    |    |                  |
| @ Rs 607 = 20/each                                            |                               |    |    |    | Rs 2428 =        |
| (16/21) 600mm Circular                                        |                               |    |    |    |                  |

Continuation

| Particulars                                                                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                            | No.                           | L. | B. | D. |                  |
| 04 Nos. wide MB P-16                                                       |                               |    |    |    |                  |
| CR 4956 = 07/each                                                          |                               |    |    |    | R 1982420        |
| (17/22) 900 mm equilateral triangle                                        |                               |    |    |    |                  |
| 02 Nos. wide MB P-16                                                       |                               |    |    |    |                  |
| CR 5453 = 20/each                                                          |                               |    |    |    | R 1090825        |
| (18/23) 600 mm x 450 mm rectangular                                        |                               |    |    |    |                  |
| 02 Nos. wide MB P-16                                                       |                               |    |    |    |                  |
| CR 4825 = 88/each                                                          |                               |    |    |    | R 9652200        |
| (19/24) p.v. and laying of hot applied thermoplastic compound              |                               |    |    |    |                  |
| 179.60 sqm wide MB P-16                                                    |                               |    |    |    |                  |
| CR 5735 = 44/each                                                          |                               |    |    |    | R 13208520       |
| (20/25) planting of trees by the road side                                 |                               |    |    |    |                  |
| 54.0 Nos. wide MB P-16                                                     |                               |    |    |    |                  |
| CR 819 = 92/each                                                           |                               |    |    |    | R 4427620        |
| (21/27) p.v. and erecting direction and place sign board                   |                               |    |    |    |                  |
| 01 Nos. wide MB P-16                                                       |                               |    |    |    |                  |
| CR 3164 = 49/each                                                          |                               |    |    |    | R 316420         |
| (22/28) p.v. and fixing of typical many informative sign board             |                               |    |    |    |                  |
| 06 Nos. wide MB P-16                                                       |                               |    |    |    |                  |
| CR 10916 = 17/each                                                         |                               |    |    |    | R 6549720        |
| (23/26) p.v. and laying of a reinforced cement concrete pipe duct surround |                               |    |    |    |                  |

Continuation

17.03.2022  
JE

18/03/2022  
AE

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5/5/22  
B/B

Scanned with CamScanner