

**LENGTH AND WIDTH OF FOREST AREA**

| S. No.     | Design Chainage km NH-948 |         | Length (km) | PROW (m) | Side | District       | Forest Name               | Division Name  | Village Name as per CALA | Area   |        |        |
|------------|---------------------------|---------|-------------|----------|------|----------------|---------------------------|----------------|--------------------------|--------|--------|--------|
|            | From                      | To      |             |          |      |                |                           |                |                          | (ha)   |        |        |
| 1          | 164+224                   | 164+465 | 0.241       | 45       | BHS  | Ramanathapuram | Pamban Reserve Forest     | Ramanathapuram | Pamban                   | 1.0777 |        |        |
| 2          | 169+304                   | 169+945 | 0.641       | 50       | BHS  |                | Rameswaram Reserve Forest |                | Rameswaram               | 1.8786 |        |        |
| 3          | 170+268                   | 170+430 | 0.162       | 100      | BHS  |                |                           |                |                          |        | 0.6502 |        |
| 4          | 170+435                   | 170+707 | 0.272       | 50       | LHS  |                |                           |                |                          |        |        | 0.3522 |
| 5          | 170+435                   | 170+707 | 0.272       | 50       | RHS  |                |                           |                |                          |        |        |        |
| Total Area |                           |         |             |          |      |                |                           |                |                          |        |        | 4.3452 |

**COMPONENT-WISE BREAK UP**

| S.No       | Design Chainage |         | PRoW | Village Name | Road Components                       | LHS       | RHS       | LHS              |                      | RHS              |                      |
|------------|-----------------|---------|------|--------------|---------------------------------------|-----------|-----------|------------------|----------------------|------------------|----------------------|
|            | From            | To      |      |              |                                       | Width (m) | Width (m) | Forest Area (ha) | Non-forest Area (ha) | Forest Area (ha) | Non-forest Area (ha) |
| 1          | 164+224         | 164+465 | 45 m | Pamban       | Median                                | 2         | 2         | 0.0478           | 0.0000               | 0.0480           | 0.0000               |
|            |                 |         |      |              | Carriageway, Shyness & Paved Shoulder | 10        | 10        | 0.2361           | 0.0000               | 0.2428           | 0.0000               |
|            |                 |         |      |              | Earthen Shoulder                      | 1.5       | 1.5       | 0.0350           | 0.0000               | 0.0368           | 0.0000               |
|            |                 |         |      |              | Slope                                 | 2.3       | 2.3       | 0.0535           | 0.0000               | 0.0567           | 0.0000               |
|            |                 |         |      |              | Drain                                 | 2.5       | 2.5       | 0.0578           | 0.0000               | 0.0619           | 0.0000               |
|            |                 |         |      |              | Space left for future widening        | 2.2       | 2.2       | 0.0506           | 0.0000               | 0.0547           | 0.0000               |
|            |                 |         |      |              | Utility Corridor                      | 2         | 2         | 0.0458           | 0.0000               | 0.0500           | 0.0000               |
| Total Area |                 |         |      |              |                                       |           |           | 0.5268           | 0.0000               | 0.5510           | 0.0000               |

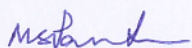


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| S.No       | Design Chainage |         | PRoW | Village Name | Road Components                       | LHS       | RHS       | LHS              |                      | RHS              |                      |
|------------|-----------------|---------|------|--------------|---------------------------------------|-----------|-----------|------------------|----------------------|------------------|----------------------|
|            | From            | To      |      |              |                                       | Width (m) | Width (m) | Forest Area (ha) | Non-forest Area (ha) | Forest Area (ha) | Non-forest Area (ha) |
| 1          | 169+304         | 169+945 | 50 m | Rameswaram   | Median                                | 2         | 2         | 0.0699           | 0.0909               | 0.0730           | 0.0574               |
|            |                 |         |      |              | Carriageway, Shyness & Paved Shoulder | 10.5      | 10.5      | 0.3180           | 0.3734               | 0.4297           | 0.2503               |
|            |                 |         |      |              | Crash Barrier                         | 0.45      | 0.45      | 0.0119           | 0.0179               | 0.0210           | 0.0080               |
|            |                 |         |      |              | Divider                               | 1.05      | 1.05      | 0.0273           | 0.0120               | 0.0502           | 0.0173               |
|            |                 |         |      |              | Slip Road:                            | 7.5       | 7.5       | 0.1773           | 0.3225               | 0.4065           | 0.0733               |
|            |                 |         |      |              | Drain                                 | 1.5       | 1.5       | 0.0328           | 0.0676               | 0.0914           | 0.0040               |
|            |                 |         |      |              | Utility Services                      | 2         | 2         | 0.0429           | 0.0913               | 0.1267           | 0.0008               |
| Total Area |                 |         |      |              |                                       |           |           | 0.6801           | 0.9756               | 1.1985           | 0.4111               |

| S.No       | Design Chainage |         | PRoW  | Village Name | Road Components                       | LHS       | RHS       | LHS              |                      | RHS              |                      |
|------------|-----------------|---------|-------|--------------|---------------------------------------|-----------|-----------|------------------|----------------------|------------------|----------------------|
|            | From            | To      |       |              |                                       | Width (m) | Width (m) | Forest Area (ha) | Non-forest Area (ha) | Forest Area (ha) | Non-forest Area (ha) |
| 1          | 170+268         | 170+430 | 100 m | Rameswaram   | Median                                | 2         | 2         | 0.0108           | 0.0331               | 0.0110           | 0.0358               |
|            |                 |         |       |              | Carriageway, Shyness & Paved Shoulder | 10.5      | 10.5      | 0.0535           | 0.1532               | 0.0616           | 0.1818               |
|            |                 |         |       |              | Crash Barrier                         | 0.45      | 0.45      | 0.0022           | 0.0086               | 0.0028           | 0.0085               |
|            |                 |         |       |              | Divider                               | 1.05      | 1.05      | 0.0051           | 0.0201               | 0.0066           | 0.0175               |
|            |                 |         |       |              | Slip Road:                            | 7.5       | 7.5       | 0.0349           | 0.1463               | 0.0495           | 0.1212               |
|            |                 |         |       |              | Drain                                 | 1.5       | 1.5       | 0.0067           | 0.0298               | 0.0105           | 0.0234               |
|            |                 |         |       |              | Utility Services                      | 2         | 2         | 0.0143           | 0.0400               | 0.0140           | 0.0307               |
|            |                 |         |       |              | Additional Junction Area              |           |           | 0.1778           |                      | 0.1942           |                      |
| Total Area |                 |         |       |              |                                       |           |           | 0.3052           | 0.4311               | 0.3502           | 0.4190               |



  
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|------------|-----------------|---------|------|--------------|---------------------------------------|-----------|-----------|------------------|----------------------|------------------|----------------------|
|            | From            | To      |      |              |                                       | Width (m) | Width (m) | Forest Area (ha) | Non-forest Area (ha) | Forest Area (ha) | Non-forest Area (ha) |
| 1          | 170+435         | 170+707 | 50 m | Rameswaram   | Median                                | 2         | 2         | 0.0000           | 0.0529               | 0.0000           | 0.0530               |
|            |                 |         |      |              | Carriageway, Shyness & Paved Shoulder | 10.5      | 10.5      | 0.0290           | 0.2486               | 0.0541           | 0.2238               |
|            |                 |         |      |              | Crash Barrier                         | 0.45      | 0.45      | 0.0102           | 0.0017               | 0.0119           | 0.0000               |
|            |                 |         |      |              | Divider                               | 1.05      | 1.05      | 0.0249           | 0.0029               | 0.0279           | 0.0000               |
|            |                 |         |      |              | Slip Road:                            | 7.5       | 7.5       | 0.1962           | 0.0020               | 0.1992           | 0.0000               |
|            |                 |         |      |              | Drain                                 | 1.5       | 1.5       | 0.0395           | 0.0000               | 0.0399           | 0.0000               |
|            |                 |         |      |              | Utility Services                      | 2         | 2         | 0.0528           | 0.0000               | 0.0531           | 0.0000               |
| Total Area |                 |         |      |              |                                       |           |           | 0.3525           | 0.3082               | 0.3862           | 0.2767               |



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