

| Chainage wise Linear PlanShowing Protect Forest Land /Additional information Details                                                                                                                                          |                      |        |                        |                        |               |                                                                          |                       |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            |                                                                          |                  |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            |                                         |                                      |                                  |          |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------|------------------------|------------------------|---------------|--------------------------------------------------------------------------|-----------------------|---------------------------------|------------------------------------|-------------------------------------|----------------------------------------|-----------------------------------|-----------------------------------|----------------------------|----------------------------|--------------------------------------------------------------------------|------------------|---------------------------------|------------------------------------|-------------------------------------|----------------------------------------|-----------------------------------|-----------------------------------|----------------------------|----------------------------|-----------------------------------------|--------------------------------------|----------------------------------|----------|--------------|
| Four laning of Panipat ( Start from junction with Existing Km of NH-44 at Panipat) -to Shamli (End at its junction with Existing 39+300 of SH-12) of NH-709AD in the State of Uttar Pradesh Package-I (km 0.000 to km 35.580) |                      |        |                        |                        |               |                                                                          |                       |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            |                                                                          |                  |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            |                                         |                                      |                                  |          |              |
| S.No                                                                                                                                                                                                                          | Design Chainage (Km) |        | Existing KM            |                        | Design Length | Details of Additional Forest Strip along the Cross Section of Road (LHS) |                       |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            | Details of Additional Forest Strip along the Cross Section of Road (RHS) |                  |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            | Total Area                              |                                      |                                  | District | Village Name |
|                                                                                                                                                                                                                               | From                 | To     | From                   | To                     |               | RoW LHS                                                                  |                       | Existing Width of Formation (m) | Non Forest land Strip involved (m) | Non Forest land Strip involved (m2) | Forest Strip required for widening (m) | Width of Balance Forest Strip (m) | Area of Balance Forest Strip (m2) | Forest Strip required (Ha) | Forest Strip required (m2) | RoW RHS                                                                  |                  | Existing Width of Formation (m) | Non Forest land Strip involved (m) | Non Forest land Strip involved (m2) | Forest Strip required for widening (m) | Width of Balance Forest Strip (m) | Area of Balance Forest Strip (m2) | Forest Strip required (Ha) | Forest Strip required (m2) | Total Area of Balance Forest Strip (m2) | Total Non Forest Strip required (m2) | Total Forest Strip required (m2) |          |              |
|                                                                                                                                                                                                                               |                      |        |                        |                        |               | Existing RoW (m)                                                         | Proposed Toe Line (m) |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            | Existing RoW (m)                                                         | Proposed RoW (m) |                                 |                                    |                                     |                                        |                                   |                                   |                            |                            |                                         |                                      |                                  |          |              |
| 1                                                                                                                                                                                                                             | 2                    | 3      | 4                      | 5                      | 6             | 7                                                                        | 8                     | 9                               | 10                                 | 11                                  | 12                                     | 13                                | 14                                | 15                         | 16                         | 17                                                                       | 18               | 19                              | 20                                 | 21                                  | 22                                     | 23                                | 24                                | 25                         | 26                         | 27                                      | 28                                   | 29                               | 30       | 31           |
|                                                                                                                                                                                                                               | 19.250               | 19.400 | 18.300                 | 18.400                 | 0.150         | 0                                                                        | 30                    | 0                               | 30                                 | 4500                                | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 30.05                                                                    | 30               | 14                              | 0                                  | 0                                   | 16.05                                  | 0.05                              | 7.5                               | 0.24075                    | 2407.5                     | 7.5                                     | 4500                                 | 2407.5                           |          |              |
| 1                                                                                                                                                                                                                             | 19.250               | 19.400 | 18.300                 | 18.400                 | 0.150         | 0                                                                        | 30                    | 0                               | 30                                 | 4500                                | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 30.05                                                                    | 30               | 14                              | 0                                  | 0                                   | 16.05                                  | 0.05                              | 7.5                               | 0.24075                    | 2407.5                     | 7.5                                     | 4500                                 | 2407.5                           |          |              |
| 2                                                                                                                                                                                                                             | 19.400               | 19.500 | 18.400                 | 18.500                 | 0.100         | 0                                                                        | 30                    | 0                               | 30                                 | 3000                                | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 18.5                                                                     | 30               | 14                              | 0                                  | 0                                   | 4.5                                    | 0                                 | 0                                 | 0.045                      | 450                        | 0                                       | 3000                                 | 450                              |          |              |
| 3                                                                                                                                                                                                                             | 19.500               | 19.600 | 18.500                 | 18.600                 | 0.100         | 24.97                                                                    | 30                    | 7                               | 5.03                               | 503                                 | 17.97                                  | 0                                 | 0                                 | 0.1797                     | 1797                       | 30.93                                                                    | 30               | 7                               | 0                                  | 0                                   | 23.93                                  | 0.93                              | 93                                | 0.2393                     | 2393                       | 93                                      | 503                                  | 4190                             |          |              |
| 4                                                                                                                                                                                                                             | 19.600               | 19.700 | 18.600                 | 18.700                 | 0.100         | 6.59                                                                     | 30                    | 0                               | 23.41                              | 2341                                | 6.59                                   | 0                                 | 0                                 | 0.0659                     | 659                        | 22.96                                                                    | 30               | 14                              | 7.04                               | 704                                 | 8.96                                   | 0                                 | 0                                 | 0.0896                     | 896                        | 0                                       | 3045                                 | 1555                             |          |              |
| 5                                                                                                                                                                                                                             | 19.700               | 19.800 | 18.700                 | 18.800                 | 0.100         | 12.7                                                                     | 30                    | 0                               | 17.3                               | 1730                                | 12.7                                   | 0                                 | 0                                 | 0.127                      | 1270                       | 30.41                                                                    | 30               | 14                              | 0                                  | 0                                   | 16.41                                  | 0.41                              | 41                                | 0.1641                     | 1641                       | 41                                      | 1730                                 | 2911                             |          |              |
| 6                                                                                                                                                                                                                             | 19.800               | 19.900 | 18.800                 | 18.900                 | 0.100         | 6.89                                                                     | 30                    | 0                               | 23.11                              | 2311                                | 6.89                                   | 0                                 | 0                                 | 0.0689                     | 689                        | 26.43                                                                    | 30               | 14                              | 3.57                               | 357                                 | 12.43                                  | 0                                 | 0                                 | 0.1243                     | 1243                       | 0                                       | 2668                                 | 1932                             |          |              |
| 7                                                                                                                                                                                                                             | 19.900               | 20.000 | 18.900                 | 19.000                 | 0.100         | 3.13                                                                     | 30                    | 0                               | 0                                  | 0                                   | 3.13                                   | 0                                 | 0                                 | 0.0313                     | 313                        | 23.76                                                                    | 30               | 14                              | 6.24                               | 624                                 | 9.76                                   | 0                                 | 0                                 | 0.0976                     | 976                        | 0                                       | 624                                  | 1289                             |          |              |
| 8                                                                                                                                                                                                                             | 20.000               | 20.100 | 19.000                 | 19.100                 | 0.100         | 0                                                                        | 30                    | 0                               | 0                                  | 0                                   | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 24.64                                                                    | 30               | 14                              | 5.36                               | 536                                 | 10.64                                  | 0                                 | 0                                 | 0.1064                     | 1064                       | 0                                       | 536                                  | 1064                             |          |              |
| 9                                                                                                                                                                                                                             | 20.100               | 20.300 | 19.100                 | 19.300                 | 0.200         | 7.25                                                                     | 30                    | 0                               | 22.75                              | 4550                                | 7.25                                   | 0                                 | 0                                 | 0.145                      | 1450                       | 27.76                                                                    | 30               | 14                              | 2.24                               | 448                                 | 13.76                                  | 0                                 | 0                                 | 0.2752                     | 2752                       | 0                                       | 4998                                 | 4202                             |          |              |
| 10                                                                                                                                                                                                                            | 20.300               | 20.400 | 19.300                 | 19.400                 | 0.100         | 0.91                                                                     | 30                    | 0                               | 29.09                              | 2909                                | 0.91                                   | 0                                 | 0                                 | 0.0091                     | 91                         | 25.05                                                                    | 30               | 14                              | 4.95                               | 495                                 | 11.05                                  | 0                                 | 0                                 | 0.1105                     | 1105                       | 0                                       | 3404                                 | 1196                             |          |              |
| 11                                                                                                                                                                                                                            | 20.400               | 20.500 | 19.400                 | 19.500                 | 0.100         | 5.12                                                                     | 30                    | 0                               | 0                                  | 0                                   | 5.12                                   | 0                                 | 0                                 | 0.0512                     | 512                        | 25.46                                                                    | 30               | 14                              | 4.54                               | 454                                 | 11.46                                  | 0                                 | 0                                 | 0.1146                     | 1146                       | 0                                       | 454                                  | 1658                             |          |              |
| 12                                                                                                                                                                                                                            | 20.500               | 20.700 | 19.500                 | 19.700                 | 0.200         | 9.12                                                                     | 30                    | 0                               | 0                                  | 0                                   | 9.12                                   | 0                                 | 0                                 | 0.1824                     | 1824                       | 27.18                                                                    | 30               | 14                              | 2.82                               | 564                                 | 13.18                                  | 0                                 | 0                                 | 0.2636                     | 2636                       | 0                                       | 564                                  | 4460                             |          |              |
| 13                                                                                                                                                                                                                            | 20.700               | 21.100 | 19.700                 | 20.100                 | 0.400         | 13.11                                                                    | 30                    | 0                               | 16.89                              | 6756                                | 13.11                                  | 0                                 | 0                                 | 0.5244                     | 5244                       | 30.21                                                                    | 30               | 14                              | 0                                  | 0                                   | 16.21                                  | 0.21                              | 84                                | 0.6484                     | 6484                       | 84                                      | 6756                                 | 11728                            |          |              |
| 14                                                                                                                                                                                                                            | 21.100               | 21.300 | 20.100                 | 20.300                 | 0.200         | 6.95                                                                     | 30                    | 0                               | 23.05                              | 4610                                | 6.95                                   | 0                                 | 0                                 | 0.139                      | 1390                       | 29.1                                                                     | 30               | 14                              | 0.9                                | 180                                 | 15.1                                   | 0                                 | 0                                 | 0.302                      | 3020                       | 0                                       | 4790                                 | 4410                             |          |              |
| 15                                                                                                                                                                                                                            | 21.300               | 21.400 | 20.300                 | 20.400                 | 0.100         | 2.19                                                                     | 30                    | 0                               | 27.81                              | 2781                                | 2.19                                   | 0                                 | 0                                 | 0.0219                     | 219                        | 25.16                                                                    | 30               | 14                              | 4.84                               | 484                                 | 11.16                                  | 0                                 | 0                                 | 0.1116                     | 1116                       | 0                                       | 3265                                 | 1335                             |          |              |
| 16                                                                                                                                                                                                                            | 21.400               | 21.600 | 20.400                 | 20.600                 | 0.200         | 6.61                                                                     | 30                    | 2                               | 23.39                              | 4678                                | 4.61                                   | 0                                 | 0                                 | 0.0922                     | 922                        | 16.38                                                                    | 30               | 12                              | 13.62                              | 2724                                | 4.38                                   | 0                                 | 0                                 | 0.0876                     | 876                        | 0                                       | 7402                                 | 1798                             |          |              |
| 17                                                                                                                                                                                                                            | 21.600               | 21.700 | 20.600                 | 20.700                 | 0.100         | 7.18                                                                     | 30                    | 2                               | 22.82                              | 2282                                | 5.18                                   | 0                                 | 0                                 | 0.0518                     | 518                        | 20.87                                                                    | 30               | 12                              | 9.13                               | 913                                 | 8.87                                   | 0                                 | 0                                 | 0.0887                     | 887                        | 0                                       | 3195                                 | 1405                             |          |              |
| 18                                                                                                                                                                                                                            | 21.700               | 21.900 | 20.700                 | 20.900                 | 0.200         | 7.67                                                                     | 30                    | 2                               | 22.33                              | 4466                                | 5.67                                   | 0                                 | 0                                 | 0.1134                     | 1134                       | 15.48                                                                    | 30               | 12                              | 14.52                              | 2904                                | 3.48                                   | 0                                 | 0                                 | 0.0696                     | 696                        | 0                                       | 7370                                 | 1830                             |          |              |
| 19                                                                                                                                                                                                                            | 21.900               | 22.500 | 20.900                 | 21.500                 | 0.600         | 8.28                                                                     | 30                    | 2                               | 21.72                              | 13032                               | 6.28                                   | 0                                 | 0                                 | 0.3768                     | 3768                       | 20.99                                                                    | 30               | 12                              | 9.01                               | 5406                                | 8.99                                   | 0                                 | 0                                 | 0.5394                     | 5394                       | 0                                       | 18438                                | 9162                             |          |              |
| 20                                                                                                                                                                                                                            | 22.500               | 22.600 | 21.500                 | 21.600                 | 0.100         | 0                                                                        | 30                    | 0                               | 30                                 | 3000                                | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 26.64                                                                    | 30               | 14                              | 3.36                               | 336                                 | 12.64                                  | 0                                 | 0                                 | 0.1264                     | 1264                       | 0                                       | 3336                                 | 1264                             |          |              |
| 21                                                                                                                                                                                                                            | 22.600               | 22.800 | 0.000 (ex. Kairana bp) | 0.200 (ex. Kairana bp) | 0.200         | 0                                                                        | 30                    | 0                               | 30                                 | 6000                                | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 0                                                                        | 30               | 0                               | 30                                 | 6000                                | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 0                                       | 12000                                | 0                                |          |              |
| 22                                                                                                                                                                                                                            | 22.800               | 22.900 | 0.200 (ex. Kairana bp) | 0.300 (ex. Kairana bp) | 0.100         | 0                                                                        | 30                    | 0                               | 30                                 | 3000                                | 0                                      | 0                                 | 0                                 | 0                          | 0                          | 28                                                                       | 30               | 14                              | 2                                  | 200                                 | 14                                     | 0                                 | 0                                 | 0.14                       | 1400                       | 0                                       | 3200                                 | 1400                             |          |              |
| 23                                                                                                                                                                                                                            | 22.900               | 23.000 | 0.300 (ex. Kairana bp) | 0.400 (ex. Kairana bp) | 0.100         | 16.79                                                                    | 30                    | 7                               | 13.21                              | 1321                                | 9.79                                   | 0                                 | 0                                 | 0.0979                     | 979                        | 15.03                                                                    | 30               | 7                               | 14.97                              | 1497                                | 8.03                                   | 0                                 | 0                                 | 0.0803                     | 803                        | 0                                       | 2818                                 | 1782                             |          |              |
| 24                                                                                                                                                                                                                            | 23.000               | 23.100 | 0.400 (ex. Kairana bp) | 0.500 (ex. Kairana bp) | 0.100         | 13.39                                                                    | 30                    | 4                               | 16.61                              | 1661                                | 9.39                                   | 0                                 | 0                                 | 0.0939                     | 939                        | 20.07                                                                    | 30               | 10                              | 9.93                               | 993                                 | 10.07                                  | 0                                 | 0                                 | 0.1007                     | 1007                       | 0                                       | 2654                                 | 1946                             |          |              |
| 25                                                                                                                                                                                                                            | 23.100               | 23.200 | 0.500 (ex. Kairana bp) | 0.600 (ex. Kairana bp) | 0.100         | 12.09                                                                    | 30                    | 6                               | 5.99                               | 599                                 | 6.09                                   | 0                                 | 0                                 | 0.0609                     | 609                        | 18.27                                                                    | 30               | 8                               | 11.73                              | 1173                                | 10.27                                  | 0                                 | 0                                 | 0.1027                     | 1027                       | 0                                       | 1772                                 | 1636                             |          |              |
| 26                                                                                                                                                                                                                            | 23.200               | 23.400 | 0.600 (ex. Kairana bp) | 0.800 (ex. Kairana bp) | 0.200         | 16.64                                                                    | 30                    | 7                               | 13.36                              | 2672                                | 9.64                                   | 0                                 | 0                                 | 0.1928                     | 1928                       | 14.12                                                                    | 30               | 7                               | 15.88                              | 3176                                | 7.12                                   | 0                                 | 0                                 | 0.1424                     | 1424                       | 0                                       | 5848                                 | 3352                             |          |              |
| 27                                                                                                                                                                                                                            | 23.400               | 23.500 | 0.800 (ex. Kairana bp) | 0.900 (ex. Kairana bp) | 0.100         | 12.01                                                                    | 30                    | 7                               | 17.99                              | 1799                                | 5.01                                   | 0                                 | 0                                 | 0.0501                     | 501                        | 10.45                                                                    | 30               | 7                               | 19.55                              | 1955                                | 3.45                                   | 0                                 | 0                                 | 0.0345                     | 345                        | 0                                       | 3754                                 | 846                              |          |              |
| 28                                                                                                                                                                                                                            | 23.500               | 23.600 | 0.900 (ex. Kairana bp) | 1.000 (ex. Kairana bp) | 0.100         | 15.69                                                                    | 30                    | 7                               | 14.31                              | 1431                                | 8.69                                   | 0                                 | 0                                 | 0.0869                     | 869                        | 15.69                                                                    | 30               | 7                               | 14.31                              | 1431                                | 8.69                                   | 0                                 | 0                                 | 0.0869                     | 869                        | 0                                       | 2862                                 | 1738                             |          |              |
| 29                                                                                                                                                                                                                            | 23.600               | 23.700 | 1.000 (ex. Kairana bp) | 1.100 (ex. Kairana bp) | 0.100         | 19.45                                                                    | 30                    | 8                               | 10.55                              | 1055                                | 11.45                                  | 0                                 | 0                                 | 0.1145                     | 1145                       | 10.62                                                                    | 30               | 6                               | 19.38                              | 1938                                | 4.62                                   | 0                                 | 0                                 | 0.0462                     | 462                        | 0                                       | 2993                                 | 1607                             |          |              |
| 30                                                                                                                                                                                                                            | 23.700               | 23.800 | 1.100 (ex. Kairana bp) | 1.200 (ex. Kairana bp) | 0.100         | 13.67                                                                    | 30                    | 6                               | 16.33                              | 1633                                | 7.67                                   | 0                                 | 0                                 | 0.0767                     | 767                        | 17.45                                                                    | 30               | 8                               | 12.55                              | 1255                                | 9.45                                   | 0                                 | 0                                 | 0.0945                     | 945                        | 0                                       | 2888                                 | 1712                             |          |              |
| 31                                                                                                                                                                                                                            | 23.800               | 23.900 | 1.200 (ex. Kairana bp) | 1.300 (ex. Kairana bp) | 0.100         | 9.92                                                                     | 30                    | 5                               | 20.08                              | 2008                                | 4.92                                   | 0                                 | 0                                 | 0.0492                     | 492                        | 17.54                                                                    | 30               | 9                               | 12.46                              | 1246                                | 8.54                                   | 0                                 | 0                                 | 0.0854                     | 854                        | 0                                       | 3254                                 | 1346                             |          |              |
| 32                                                                                                                                                                                                                            | 23.900               | 24.000 | 1.300 (ex. Kairana bp) | 1.400 (ex. Kairana bp) | 0.100         | 12.96                                                                    | 30                    | 6                               | 17.04                              | 1704                                | 6.96                                   | 0                                 | 0                                 | 0.0696                     | 696                        | 16.56                                                                    | 30               | 8                               | 13.44                              | 1344                                | 8.56                                   | 0                                 | 0                                 | 0.0856                     | 856                        | 0                                       | 3048                                 | 1552                             |          |              |

Project Director  
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|    |        |        |                              |                              |       |       |    |    |       |      |       |   |   |        |      |       |    |    |       |      |       |       |      |        |      |      |      |      |
|----|--------|--------|------------------------------|------------------------------|-------|-------|----|----|-------|------|-------|---|---|--------|------|-------|----|----|-------|------|-------|-------|------|--------|------|------|------|------|
| 35 | 24.200 | 24.300 | 1.600<br>(ex. Kairana<br>bp) | 1.700<br>(ex. Kairana<br>bp) | 0.100 | 21.66 | 30 | 14 | 8.34  | 834  | 7.66  | 0 | 0 | 0.0766 | 766  | 6.89  | 30 | 0  | 23.11 | 2311 | 6.89  | 0     | 0    | 0.0689 | 689  | 0    | 3145 | 1455 |
| 36 | 24.300 | 24.400 | 1.700<br>(ex. Kairana<br>bp) | 1.800<br>(ex. Kairana<br>bp) | 0.100 | 22.05 | 30 | 12 | 7.95  | 795  | 10.05 | 0 | 0 | 0.1005 | 1005 | 10.72 | 30 | 2  | 19.28 | 1928 | 8.72  | 0     | 0    | 0.0872 | 872  | 0    | 2723 | 1877 |
| 37 | 24.400 | 24.800 | 1.800<br>(ex. Kairana<br>bp) | 2.200<br>(ex. Kairana<br>bp) | 0.400 | 18.58 | 30 | 7  | 11.42 | 4568 | 11.58 | 0 | 0 | 0.4632 | 4632 | 19.12 | 30 | 7  | 10.88 | 4352 | 12.12 | 0     | 0    | 0.4848 | 4848 | 0    | 8920 | 9480 |
| 38 | 24.800 | 24.900 | 2.200<br>(ex. Kairana<br>bp) | 2.300<br>(ex. Kairana<br>bp) | 0.100 | 19.79 | 30 | 7  | 10.21 | 1021 | 12.79 | 0 | 0 | 0.1279 | 1279 | 19.27 | 30 | 7  | 10.73 | 1073 | 12.27 | 0     | 0    | 0.1227 | 1227 | 0    | 2094 | 2506 |
| 39 | 24.900 | 25.000 | 2.300<br>(ex. Kairana<br>bp) | 2.400<br>(ex. Kairana<br>bp) | 0.100 | 10.03 | 30 | 2  | 19.97 | 1997 | 8.03  | 0 | 0 | 0.0803 | 803  | 23.35 | 30 | 12 | 6.65  | 665  | 11.35 | 0     | 0    | 0.1135 | 1135 | 0    | 2662 | 1938 |
| 40 | 25.000 | 25.100 | 2.400<br>(ex. Kairana<br>bp) | 2.500<br>(ex. Kairana<br>bp) | 0.100 | 20.03 | 30 | 10 | 9.97  | 997  | 10.03 | 0 | 0 | 0.1003 | 1003 | 13.8  | 30 | 4  | 16.2  | 1620 | 9.8   | 0     | 0    | 0.098  | 980  | 0    | 2617 | 1983 |
| 41 | 25.100 | 25.200 | 2.500(ex.<br>Kairana bp)     | 2.600(ex.<br>Kairana bp)     | 0.100 | 10.88 | 30 | 4  | 19.12 | 1912 | 6.88  | 0 | 0 | 0.0688 | 688  | 18.07 | 30 | 10 | 11.93 | 1193 | 8.07  | 0     | 0    | 0.0807 | 807  | 0    | 3105 | 1495 |
| 42 | 25.200 | 25.300 | 2.600<br>(ex. Kairana<br>bp) | 2.700<br>(ex. Kairana<br>bp) | 0.100 | 4.02  | 30 | 0  | 25.98 | 2598 | 4.02  | 0 | 0 | 0.0402 | 402  | 23.4  | 30 | 14 | 6.6   | 660  | 9.4   | 0     | 0    | 0.094  | 940  | 0    | 3258 | 1342 |
| 43 | 25.300 | 25.400 | 2.700(ex.<br>Kairana bp)     | 2.800<br>(ex. Kairana<br>bp) | 0.100 | 7.35  | 30 | 0  | 22.65 | 2265 | 7.35  | 0 | 0 | 0.0735 | 735  | 23.72 | 30 | 14 | 6.28  | 628  | 9.72  | 0     | 0    | 0.0972 | 972  | 0    | 2893 | 1707 |
| 44 | 25.400 | 25.500 | 2.800<br>(ex. Kairana<br>bp) | 2.900(ex.<br>Kairana bp)     | 0.100 | 11.02 | 30 | 4  | 18.98 | 1898 | 7.02  | 0 | 0 | 0.0702 | 702  | 22.39 | 30 | 10 | 7.61  | 761  | 12.39 | 0     | 0    | 0.1239 | 1239 | 0    | 2659 | 1941 |
| 45 | 25.500 | 25.600 | 2.900<br>(ex. Kairana<br>bp) | 3.000(ex.<br>Kairana bp)     | 0.100 | 2.9   | 30 | 0  | 27.1  | 2710 | 2.9   | 0 | 0 | 0.029  | 290  | 25.21 | 30 | 14 | 4.79  | 479  | 11.21 | 0     | 0    | 0.1121 | 1121 | 0    | 3189 | 1411 |
| 46 | 25.600 | 25.700 | 3.000<br>(ex. Kairana<br>bp) | 3.100<br>(ex. Kairana<br>bp) | 0.100 | 5.95  | 30 | 0  | 24.05 | 2405 | 5.95  | 0 | 0 | 0.0595 | 595  | 27.52 | 30 | 14 | 2.48  | 248  | 13.52 | 0     | 0    | 0.1352 | 1352 | 0    | 2653 | 1947 |
| 47 | 25.700 | 25.800 | 3.100<br>(ex. Kairana<br>bp) | 3.200<br>(ex. Kairana<br>bp) | 0.100 | 10.7  | 30 | 2  | 19.3  | 1930 | 8.7   | 0 | 0 | 0.087  | 870  | 23.88 | 30 | 12 | 6.12  | 612  | 11.88 | 0     | 0    | 0.1188 | 1188 | 0    | 2542 | 2058 |
| 48 | 25.800 | 25.900 | 3.200<br>(ex. Kairana<br>bp) | 3.300<br>(ex. Kairana<br>bp) | 0.100 | 1.15  | 30 | 0  | 28.85 | 2885 | 1.15  | 0 | 0 | 0.0115 | 115  | 31.02 | 30 | 14 | 0     | 0    | 17.02 | 1.02  | 102  | 0.1702 | 1702 | 102  | 2885 | 1817 |
| 49 | 25.900 | 26.000 | 3.300<br>(ex. Kairana<br>bp) | 3.400<br>(ex. Kairana<br>bp) | 0.100 | 7.72  | 30 | 2  | 22.28 | 2228 | 5.72  | 0 | 0 | 0.0572 | 572  | 20.45 | 30 | 12 | 9.55  | 955  | 8.45  | 0     | 0    | 0.0845 | 845  | 0    | 3183 | 1417 |
| 50 | 26.000 | 26.100 | 3.400<br>(ex. Kairana<br>bp) | 3.500<br>(ex. Kairana<br>bp) | 0.100 | 15.32 | 30 | 7  | 14.68 | 1468 | 8.32  | 0 | 0 | 0.0832 | 832  | 14.27 | 30 | 7  | 15.73 | 1573 | 7.27  | 0     | 0    | 0.0727 | 727  | 0    | 3041 | 1559 |
| 51 | 26.100 | 26.200 | 3.500<br>(ex. Kairana<br>bp) | 3.600<br>(ex. Kairana<br>bp) | 0.100 | 15.99 | 30 | 7  | 14.01 | 1401 | 8.99  | 0 | 0 | 0.0899 | 899  | 13.49 | 30 | 7  | 16.51 | 1651 | 6.49  | 0     | 0    | 0.0649 | 649  | 0    | 3052 | 1548 |
| 52 | 26.200 | 26.300 | 3.600<br>(ex. Kairana<br>bp) | 3.700<br>(ex. Kairana<br>bp) | 0.100 | 14.12 | 30 | 7  | 15.88 | 1588 | 7.12  | 0 | 0 | 0.0712 | 712  | 14.99 | 30 | 7  | 15.01 | 1501 | 7.99  | 0     | 0    | 0.0799 | 799  | 0    | 3089 | 1511 |
| 53 | 26.300 | 26.400 | 3.700<br>(ex. Kairana<br>bp) | 3.800<br>(ex. Kairana<br>bp) | 0.100 | 10.34 | 30 | 4  | 19.66 | 1966 | 6.34  | 0 | 0 | 0.0634 | 634  | 17.93 | 30 | 10 | 12.07 | 1207 | 7.93  | 0     | 0    | 0.0793 | 793  | 0    | 3173 | 1427 |
| 54 | 26.400 | 26.500 | 3.800<br>(ex. Kairana<br>bp) | 3.900<br>(ex. Kairana<br>bp) | 0.100 | 0     | 30 | 0  | 30    | 3000 | 0     | 0 | 0 | 0      | 0    | 41.75 | 30 | 14 | 0     | 0    | 27.75 | 11.75 | 1175 | 0.2775 | 2775 | 1175 | 3000 | 2775 |
| 55 | 26.500 | 26.600 | 3.900<br>(ex. Kairana<br>bp) | 4.000<br>(ex. Kairana<br>bp) | 0.100 | 15.4  | 30 | 6  | 14.6  | 1460 | 9.4   | 0 | 0 | 0.094  | 940  | 21.24 | 30 | 8  | 8.76  | 876  | 13.24 | 0     | 0    | 0.1324 | 1324 | 0    | 2336 | 2264 |

Shamli  
(Uttarparde  
sh)

Kairana

Project Director  
National Highway Authority of India  
PIU -Baghpat

|                                                    |        |        |                              |                              |       |       |    |    |       |         |       |   |   |        |        |       |    |    |       |        |         |       |      |        |        |       |         |         |         |        |
|----------------------------------------------------|--------|--------|------------------------------|------------------------------|-------|-------|----|----|-------|---------|-------|---|---|--------|--------|-------|----|----|-------|--------|---------|-------|------|--------|--------|-------|---------|---------|---------|--------|
| 56                                                 | 26.600 | 26.700 | 4.000<br>(ex. Kairana<br>bp) | 4.100<br>(ex. Kairana<br>bp) | 0.100 | 15.24 | 30 | 7  | 14.76 | 1476    | 8.24  | 0 | 0 | 0.0824 | 824    | 18.65 | 30 | 7  | 11.35 | 1135   | 11.65   | 0     | 0    | 0.1165 | 1165   | 0     | 2611    | 1989    |         |        |
| 57                                                 | 26.700 | 26.800 | 4.100<br>(ex. Kairana<br>bp) | 4.200<br>(ex. Kairana<br>bp) | 0.100 | 10.99 | 30 | 4  | 19.01 | 1901    | 6.99  | 0 | 0 | 0.0699 | 699    | 24.96 | 30 | 10 | 5.04  | 504    | 14.96   | 0     | 0    | 0.1496 | 1496   | 0     | 2405    | 2195    |         |        |
| 58                                                 | 26.800 | 26.900 | 4.200<br>(ex. Kairana<br>bp) | 4.300<br>(ex. Kairana<br>bp) | 0.100 | 6.17  | 30 | 0  | 23.83 | 2383    | 6.17  | 0 | 0 | 0.0617 | 617    | 24.94 | 30 | 14 | 5.06  | 506    | 10.94   | 0     | 0    | 0.1094 | 1094   | 0     | 2889    | 1711    |         |        |
| 59                                                 | 26.900 | 27.000 | 4.300<br>(ex. Kairana<br>bp) | 4.400<br>(ex. Kairana<br>bp) | 0.100 | 0     | 30 | 0  | 30    | 3000    | 0     | 0 | 0 | 0      | 0      | 45.28 | 30 | 14 | 0     | 0      | 31.28   | 15.28 | 1528 | 0.3128 | 3128   | 1528  | 3000    | 3128    |         |        |
| 60                                                 | 27.000 | 27.100 | 4.400<br>(ex. Kairana<br>bp) | 4.500<br>(ex. Kairana<br>bp) | 0.100 | 0     | 30 | 0  | 30    | 3000    | 0     | 0 | 0 | 0      | 0      | 71.25 | 30 | 14 | 0     | 0      | 57.25   | 41.25 | 4125 | 0.5725 | 5725   | 4125  | 3000    | 5725    |         |        |
| 61                                                 | 27.100 | 27.200 | 4.500<br>(ex. Kairana<br>bp) | 4.600<br>(ex. Kairana<br>bp) | 0.100 | 0     | 30 | 0  | 30    | 3000    | 0     | 0 | 0 | 0      | 0      | 47.67 | 30 | 14 | 0     | 0      | 33.67   | 17.67 | 1767 | 0.3367 | 3367   | 1767  | 3000    | 3367    |         |        |
| 62                                                 | 27.200 | 27.300 | 4.600<br>(ex. Kairana<br>bp) | 4.700<br>(ex. Kairana<br>bp) | 0.100 | 0     | 30 | 0  | 30    | 3000    | 0     | 0 | 0 | 0      | 0      | 25.21 | 30 | 14 | 4.79  | 479    | 11.21   | 0     | 0    | 0.1121 | 1121   | 0     | 3479    | 1121    |         |        |
| 63                                                 | 27.300 | 27.400 | 4.700<br>(ex. Kairana<br>bp) | 4.800<br>(ex. Kairana<br>bp) | 0.100 | 5.72  | 30 | 0  | 24.28 | 2428    | 5.72  | 0 | 0 | 0.0572 | 572    | 20.85 | 30 | 14 | 9.15  | 915    | 6.85    | 0     | 0    | 0.0685 | 685    | 0     | 3343    | 1257    |         |        |
| 64                                                 | 27.400 | 27.500 | 4.800<br>(ex. Kairana<br>bp) | 4.900<br>(ex. Kairana<br>bp) | 0.100 | 5.96  | 30 | 2  | 24.04 | 2404    | 3.96  | 0 | 0 | 0.0396 | 396    | 16.64 | 30 | 12 | 0     | 0      | 4.64    | 0     | 0    | 0.0464 | 464    | 0     | 2404    | 860     |         |        |
| 65                                                 | 27.500 | 27.600 | 4.900<br>(ex. Kairana<br>bp) | 5.000<br>(ex. Kairana<br>bp) | 0.100 | 10.49 | 30 | 6  | 19.51 | 1951    | 4.49  | 0 | 0 | 0.0449 | 449    | 13.64 | 30 | 8  | 0     | 0      | 5.64    | 0     | 0    | 0.0564 | 564    | 0     | 1951    | 1013    |         |        |
| 66                                                 | 27.600 | 27.700 | 5.000<br>(ex. Kairana<br>bp) | 5.100<br>(ex. Kairana<br>bp) | 0.100 | 19.13 | 30 | 9  | 10.87 | 1087    | 10.13 | 0 | 0 | 0.1013 | 1013   | 10.8  | 30 | 5  | 0     | 0      | 5.8     | 0     | 0    | 0.058  | 580    | 0     | 1087    | 1593    |         |        |
| 67                                                 | 27.700 | 27.800 | 5.100<br>(ex. Kairana<br>bp) | 5.200<br>(ex. Kairana<br>bp) | 0.100 | 25.65 | 30 | 14 | 4.35  | 435     | 11.65 | 0 | 0 | 0.1165 | 1165   | 3.99  | 30 | 0  | 0     | 0      | 3.99    | 0     | 0    | 0.0399 | 399    | 0     | 435     | 1564    |         |        |
| 68                                                 | 27.800 | 27.900 | 5.200<br>(ex. Kairana<br>bp) | 5.300<br>(ex. Kairana<br>bp) | 0.100 | 23.52 | 30 | 14 | 6.48  | 648     | 9.52  | 0 | 0 | 0.0952 | 952    | 0     | 30 | 0  | 30    | 3000   | 0       | 0     | 0    | 0      | 0      | 0     | 3648    | 952     |         |        |
| 69                                                 | 27.900 | 28.000 | 5.300<br>(ex. Kairana<br>bp) | 5.400<br>(ex. Kairana<br>bp) | 0.100 | 12.6  | 30 | 7  | 17.4  | 1740    | 5.6   | 0 | 0 | 0.056  | 560    | 12.16 | 30 | 7  | 17.84 | 1784   | 5.16    | 0     | 0    | 0.0516 | 516    | 0     | 3524    | 1076    |         |        |
| 70                                                 | 28.000 | 28.100 | 5.400<br>(ex. Kairana<br>bp) | 5.500<br>(ex. Kairana<br>bp) | 0.100 | 0     | 30 | 0  | 30    | 3000    | 0     | 0 | 0 | 0      | 0      | 39.4  | 30 | 14 | 0     | 0      | 25.4    | 9.4   | 940  | 0.254  | 2540   | 940   | 3000    | 2540    |         |        |
| 71                                                 | 28.100 | 28.200 | 26.100                       | 26.200                       | 0.100 | 0     | 30 | 0  | 30    | 3000    | 0     | 0 | 0 | 0      | 0      | 50.98 | 30 | 14 | 0     | 0      | 36.98   | 20.98 | 2098 | 0.3698 | 3698   | 2098  | 3000    | 3698    |         |        |
| 72                                                 | 28.200 | 28.300 | 26.200                       | 26.300                       | 0.100 | 11.65 | 30 | 2  | 18.35 | 1835    | 9.65  | 0 | 0 | 0.0965 | 965    | 19.97 | 30 | 12 | 10.03 | 1003   | 7.97    | 0     | 0    | 0.0797 | 797    | 0     | 2838    | 1762    |         |        |
| 73                                                 | 28.300 | 28.400 | 26.300                       | 26.400                       | 0.100 | 7.54  | 30 | 2  | 22.46 | 2246    | 5.54  | 0 | 0 | 0.0554 | 554    | 21.23 | 30 | 12 | 0     | 0      | 9.23    | 0     | 0    | 0.0923 | 923    | 0     | 2246    | 1477    |         |        |
| 74                                                 | 28.400 | 28.500 | 26.400                       | 26.500                       | 0.100 | 4.89  | 30 | 2  | 25.11 | 2511    | 2.89  | 0 | 0 | 0.0289 | 289    | 16.14 | 30 | 12 | 0     | 0      | 4.14    | 0     | 0    | 0.0414 | 414    | 0     | 2511    | 703     |         |        |
| 75                                                 | 28.500 | 28.600 | 26.500                       | 26.600                       | 0.100 | 5.85  | 30 | 5  | 24.15 | 2415    | 0.85  | 0 | 0 | 0.0085 | 85     | 10.03 | 30 | 9  | 0     | 0      | 1.03    | 0     | 0    | 0.0103 | 103    | 0     | 2415    | 188     |         |        |
| 76                                                 | 28.600 | 28.700 | 26.600                       | 26.700                       | 0.100 | 9.26  | 30 | 7  | 20.74 | 2074    | 2.26  | 0 | 0 | 0.0226 | 226    | 10.64 | 30 | 7  | 19.36 | 1936   | 3.64    | 0     | 0    | 0.0364 | 364    | 0     | 4010    | 590     |         |        |
| 77                                                 | 28.700 | 29.000 | 26.700                       | 27.000                       | 0.300 | 11.66 | 30 | 6  | 18.34 | 5502    | 5.66  | 0 | 0 | 0.1698 | 1698   | 13.43 | 30 | 8  | 16.57 | 4971   | 5.43    | 0     | 0    | 0.1116 | 1116   | 0     | 10710   | 3090    |         |        |
| 78                                                 | 29.000 | 29.300 | 27.000                       | 27.300                       | 0.300 | 16.58 | 30 | 10 | 13.42 | 4026    | 6.58  | 0 | 0 | 0.1974 | 1974   | 7.72  | 30 | 4  | 22.28 | 6684   | 3.72    | 0     | 0    | 0.0669 | 669    | 0     | 1631    | 1166    |         |        |
| 79                                                 | 29.300 | 29.400 | 27.300                       | 27.400                       | 0.100 | 11.97 | 30 | 7  | 0     | 0       | 4.97  | 0 | 0 | 0.0497 | 497    | 13.69 | 30 | 7  | 16.31 | 1631   | 6.69    | 0     | 0    | 0.107  | 1070   | 0     | 2720    | 1880    |         |        |
| 80                                                 | 29.400 | 29.500 | 27.400                       | 27.500                       | 0.100 | 15.1  | 30 | 7  | 14.9  | 1490    | 8.1   | 0 | 0 | 0.081  | 810    | 17.7  | 30 | 7  | 12.3  | 1230   | 8.95    | 0     | 0    | 0.4475 | 4475   | 0     | 14640   | 8360    |         |        |
| 81                                                 | 29.500 | 30.000 | 27.500                       | 28.000                       | 0.500 | 14.77 | 30 | 7  | 15.23 | 7615    | 7.77  | 0 | 0 | 0.3885 | 3885   | 15.95 | 30 | 7  | 14.05 | 7025   | 13.43   | 0     | 0    | 0.1343 | 1343   | 0     | 2541    | 2059    |         |        |
| 82                                                 | 30.000 | 30.100 | 28.000                       | 28.100                       | 0.100 | 11.16 | 30 | 4  | 18.84 | 1884    | 7.16  | 0 | 0 | 0.0716 | 716    | 23.43 | 30 | 10 | 6.57  | 657    | 10.73   | 0     | 0    | 0.2146 | 2146   | 0     | 5730    | 3470    |         |        |
| 83                                                 | 30.100 | 30.300 | 28.100                       | 28.300                       | 0.200 | 6.62  | 30 | 0  | 23.38 | 4676    | 6.62  | 0 | 0 | 0.1324 | 1324   | 24.73 | 30 | 14 | 5.27  | 1054   | 12.08   | 0     | 0    | 0.2416 | 2416   | 0     | 5054    | 4146    |         |        |
| 84                                                 | 30.300 | 30.500 | 28.300                       | 28.500                       | 0.200 | 10.65 | 30 | 2  | 19.35 | 3870    | 8.65  | 0 | 0 | 0.173  | 1730   | 24.08 | 30 | 12 | 5.92  | 1184   | 7.51    | 0     | 0    | 0.1502 | 1502   | 0     | 6774    | 2426    |         |        |
| 85                                                 | 30.500 | 30.700 | 28.500                       | 28.700                       | 0.200 | 11.62 | 30 | 7  | 18.38 | 3676    | 4.62  | 0 | 0 | 0.0924 | 924    | 14.51 | 30 | 7  | 15.49 | 3098   | 5.68    | 0     | 0    | 0.0568 | 568    | 0     | 3348    | 1252    |         |        |
| 86                                                 | 30.700 | 30.800 | 28.700                       | 28.800                       | 0.100 | 8.84  | 30 | 2  | 21.16 | 2116    | 6.84  | 0 | 0 | 0.0684 | 684    | 17.68 | 30 | 12 | 12.32 | 1232   | 3.22    | 0     | 0    | 0.0322 | 322    | 0     | 3506    | 1094    |         |        |
| 87                                                 | 30.800 | 30.900 | 28.800                       | 28.900                       | 0.100 | 19.72 | 30 | 12 | 10.28 | 1028    | 7.72  | 0 | 0 | 0.0772 | 772    | 5.22  | 30 | 2  | 24.78 | 2478   | 0       | 0     | 0    | 0      | 0      | 0     | 72000   | 0       |         |        |
| 88                                                 | 30.900 | 32.100 | 0.000                        | 0.000                        | 1.200 | 0     | 30 | 0  | 30    | 36000   | 0     | 0 | 0 | 0      | 0      | 0     | 30 | 0  | 30    | 30000  | 0       | 0     | 0    | 0      | 0      | 0     | 60000   | 0       |         |        |
| 89                                                 | 32.100 | 33.100 | 0.000                        | 0.000                        | 1.000 | 0     | 30 | 0  | 30    | 30000   | 0     | 0 | 0 | 0      | 0      | 0     | 30 | 0  | 30    | 63000  | 0       | 0     | 0    | 0      | 0      | 0     | 126000  | 0       |         |        |
| 90                                                 | 33.100 | 35.200 | 0.000                        | 0.000                        | 2.100 | 0     | 30 | 0  | 30    | 63000   | 0     | 0 | 0 | 0      | 0      | 0     | 30 | 0  | 30    | 11400  | 0       | 0     | 0    | 0      | 0      | 0     | 22800   | 0       |         |        |
| 91                                                 | 35.200 | 35.580 | 0.000                        | 0.000                        | 0.380 | 0     | 30 | 0  | 30    | 11400   | 0     | 0 | 0 | 0      | 0      | 0     | 30 | 0  | 30    | 249980 | 0       | 0     | 0    | 11961  | 122088 | 11961 | 605134  | 198075  |         |        |
| Total Forest area in Shamli Forest Division in SQM |        |        |                              |                              |       |       |    |    |       | 355154  |       |   |   |        | 7.3644 |       |    |    |       |        | 24.9980 |       |      |        | 1.1961 |       | 12.2088 | 1.1961  | 605134  | 198075 |
| Total Forest area in Shamli Forest Division in HA  |        |        |                              |                              |       |       |    |    |       | 35.5154 |       |   |   |        |        |       |    |    |       |        |         |       |      |        |        |       |         | 60.5134 | 19.8075 |        |

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