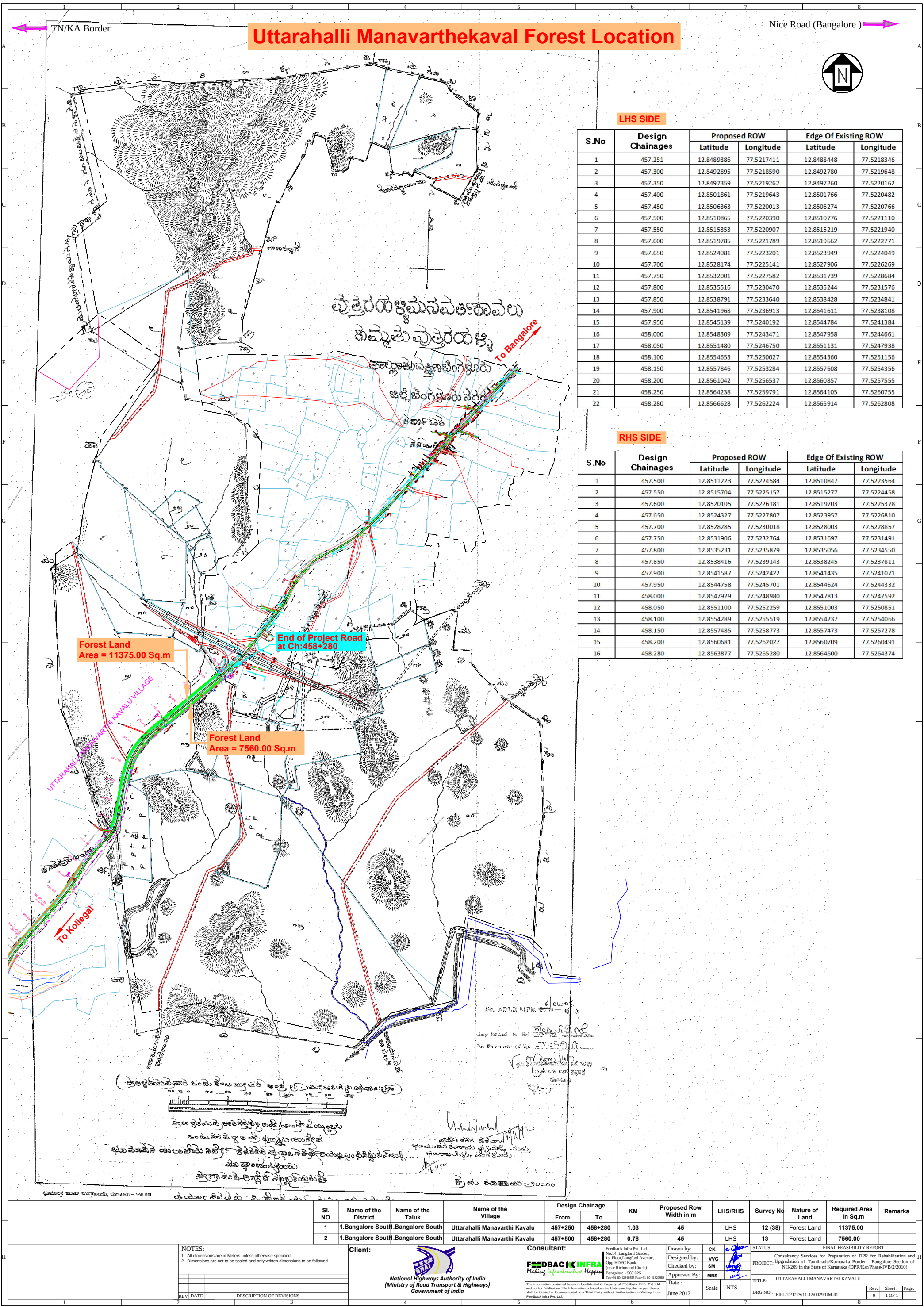




Uttarahalli Manavarthekaval Forest Location

LHS SIDE

| S.No | Design Chainages | Proposed ROW |            | Edge Of Existing ROW |            |
|------|------------------|--------------|------------|----------------------|------------|
|      |                  | Latitude     | Longitude  | Latitude             | Longitude  |
| 1    | 457.251          | 12.8489386   | 77.5217411 | 12.8488448           | 77.5218346 |
| 2    | 457.300          | 12.8492895   | 77.5218590 | 12.8492780           | 77.5219648 |
| 3    | 457.350          | 12.8497359   | 77.5219262 | 12.8497260           | 77.5220162 |
| 4    | 457.400          | 12.8501861   | 77.5219643 | 12.8501766           | 77.5220482 |
| 5    | 457.450          | 12.8506363   | 77.5220013 | 12.8506274           | 77.5220766 |
| 6    | 457.500          | 12.8510865   | 77.5220390 | 12.8510776           | 77.5221110 |
| 7    | 457.550          | 12.8515353   | 77.5220907 | 12.8515219           | 77.5221940 |
| 8    | 457.600          | 12.8519785   | 77.5221789 | 12.8519662           | 77.5222771 |
| 9    | 457.650          | 12.8524081   | 77.5223201 | 12.8523949           | 77.5224049 |
| 10   | 457.700          | 12.8528174   | 77.5225141 | 12.8527906           | 77.5226269 |
| 11   | 457.750          | 12.8532001   | 77.5227582 | 12.8531739           | 77.5228684 |
| 12   | 457.800          | 12.8535516   | 77.5230470 | 12.8535244           | 77.5231576 |
| 13   | 457.850          | 12.8538791   | 77.5233640 | 12.8538428           | 77.5234841 |
| 14   | 457.900          | 12.8541968   | 77.5236913 | 12.8541611           | 77.5238108 |
| 15   | 457.950          | 12.8545139   | 77.5240192 | 12.8544784           | 77.5241384 |
| 16   | 458.000          | 12.8548309   | 77.5243471 | 12.8547958           | 77.5244661 |
| 17   | 458.050          | 12.8551480   | 77.5246750 | 12.8551131           | 77.5247938 |
| 18   | 458.100          | 12.8554653   | 77.5250027 | 12.8554360           | 77.5251156 |
| 19   | 458.150          | 12.8557846   | 77.5253284 | 12.8557608           | 77.5254356 |
| 20   | 458.200          | 12.8561042   | 77.5256537 | 12.8560857           | 77.5257555 |
| 21   | 458.250          | 12.8564238   | 77.5259791 | 12.8564105           | 77.5260755 |
| 22   | 458.280          | 12.8566628   | 77.5262224 | 12.8565914           | 77.5262808 |

RHS SIDE

| S.No | Design Chainages | Proposed ROW |            | Edge Of Existing ROW |            |
|------|------------------|--------------|------------|----------------------|------------|
|      |                  | Latitude     | Longitude  | Latitude             | Longitude  |
| 1    | 457.500          | 12.8511223   | 77.5224584 | 12.8510847           | 77.5223564 |
| 2    | 457.550          | 12.8515704   | 77.5225157 | 12.8515277           | 77.5224458 |
| 3    | 457.600          | 12.8520105   | 77.5226181 | 12.8519703           | 77.5225378 |
| 4    | 457.650          | 12.8524327   | 77.5227807 | 12.8523957           | 77.5226810 |
| 5    | 457.700          | 12.8528285   | 77.5230018 | 12.8528003           | 77.5228857 |
| 6    | 457.750          | 12.8531906   | 77.5232764 | 12.8531697           | 77.5231491 |
| 7    | 457.800          | 12.8535231   | 77.5235879 | 12.8535056           | 77.5234550 |
| 8    | 457.850          | 12.8538416   | 77.5239143 | 12.8538245           | 77.5237811 |
| 9    | 457.900          | 12.8541587   | 77.5242422 | 12.8541435           | 77.5241071 |
| 10   | 457.950          | 12.8544758   | 77.5245701 | 12.8544624           | 77.5244332 |
| 11   | 458.000          | 12.8547929   | 77.5248980 | 12.8547813           | 77.5247592 |
| 12   | 458.050          | 12.8551100   | 77.5252259 | 12.8551003           | 77.5250851 |
| 13   | 458.100          | 12.8554289   | 77.5255519 | 12.8554237           | 77.5254066 |
| 14   | 458.150          | 12.8557485   | 77.5258773 | 12.8557473           | 77.5257278 |
| 15   | 458.200          | 12.8560681   | 77.5262027 | 12.8560709           | 77.5260491 |
| 16   | 458.280          | 12.8563877   | 77.5265280 | 12.8564600           | 77.5264374 |

NOTES:

1. All dimensions are in Meters unless otherwise specified.

2. Dimensions are not to be scaled and only written dimensions to be followed.

Client:

National Highways Authority of India  
(Ministry of Road Transport & Highways)  
Government of India

Consultant:

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Drawn by: CK

Checked by: VVG

Approved By: MBS

Date: June 2017

Scale: NTS

STATUS:

FINAL FEASIBILITY REPORT

PROJECT: Consultancy Services for Preparation of DPR for Rehabilitation and Upgradation of Tamilnadu/Karnataka Border - Bangalore Section of NH-209 in the State of Karnataka (DPR/Kar/Phase-IV/2/2010)

TITLE: UTTARAHALLI MANAVARTHI KAVALU

DRG NO: FIPL/TP/TS/11-12-0029/UM-01

Rev. Sheet: 0 1 OF 1

| Sl. NO | Name of the District | Name of the Taluk | Name of the Village           | Design Chainage From | Design Chainage To | KM   | Proposed Row Width in m | LHS/RHS | Survey No | Nature of Land | Required Area in Sq.m | Remarks |
|--------|----------------------|-------------------|-------------------------------|----------------------|--------------------|------|-------------------------|---------|-----------|----------------|-----------------------|---------|
| 1      | 1.Bangalore South    | Bangalore South   | Uttarahalli Manavarthi Kavalu | 457+250              | 458+280            | 1.03 | 45                      | LHS     | 12 (38)   | Forest Land    | 11375.00              |         |
| 2      | 1.Bangalore South    | Bangalore South   | Uttarahalli Manavarthi Kavalu | 457+500              | 458+280            | 0.78 | 45                      | LHS     | 13        | Forest Land    | 7560.00               |         |

| Coordinates on LHS Side |                  |              |            |                      |            |
|-------------------------|------------------|--------------|------------|----------------------|------------|
| S.No                    | Design Chainages | Proposed ROW |            | Edge Of Existing ROW |            |
|                         |                  | Latitude     | Longitude  | Latitude             | Longitude  |
| 1                       | 457.251          | 12.8489386   | 77.5217411 | 12.8488448           | 77.5218346 |
| 2                       | 457.300          | 12.8492895   | 77.5218590 | 12.8492780           | 77.5219648 |
| 3                       | 457.350          | 12.8497359   | 77.5219262 | 12.8497260           | 77.5220162 |
| 4                       | 457.400          | 12.8501861   | 77.5219643 | 12.8501766           | 77.5220482 |
| 5                       | 457.450          | 12.8506363   | 77.5220013 | 12.8506274           | 77.5220766 |
| 6                       | 457.500          | 12.8510865   | 77.5220390 | 12.8510776           | 77.5221110 |
| 7                       | 457.550          | 12.8515353   | 77.5220907 | 12.8515219           | 77.5221940 |
| 8                       | 457.600          | 12.8519785   | 77.5221789 | 12.8519662           | 77.5222771 |
| 9                       | 457.650          | 12.8524081   | 77.5223201 | 12.8523949           | 77.5224049 |
| 10                      | 457.700          | 12.8528174   | 77.5225141 | 12.8527906           | 77.5226269 |
| 11                      | 457.750          | 12.8532001   | 77.5227582 | 12.8531739           | 77.5228684 |
| 12                      | 457.800          | 12.8535516   | 77.5230470 | 12.8535244           | 77.5231576 |
| 13                      | 457.850          | 12.8538791   | 77.5233640 | 12.8538428           | 77.5234841 |
| 14                      | 457.900          | 12.8541968   | 77.5236913 | 12.8541611           | 77.5238108 |
| 15                      | 457.950          | 12.8545139   | 77.5240192 | 12.8544784           | 77.5241384 |
| 16                      | 458.000          | 12.8548309   | 77.5243471 | 12.8547958           | 77.5244661 |
| 17                      | 458.050          | 12.8551480   | 77.5246750 | 12.8551131           | 77.5247938 |
| 18                      | 458.100          | 12.8554653   | 77.5250027 | 12.8554360           | 77.5251156 |
| 19                      | 458.150          | 12.8557846   | 77.5253284 | 12.8557608           | 77.5254356 |
| 20                      | 458.200          | 12.8561042   | 77.5256537 | 12.8560857           | 77.5257555 |
| 21                      | 458.250          | 12.8564238   | 77.5259791 | 12.8564105           | 77.5260755 |
| 22                      | 458.280          | 12.8566628   | 77.5262224 | 12.8565914           | 77.5262808 |

| Coordinates on RHS Side |                  |              |            |                      |            |
|-------------------------|------------------|--------------|------------|----------------------|------------|
| S.No                    | Design Chainages | Proposed ROW |            | Edge Of Existing ROW |            |
|                         |                  | Latitude     | Longitude  | Latitude             | Longitude  |
| 1                       | 457.500          | 12.8511223   | 77.5224584 | 12.8510847           | 77.5223564 |
| 2                       | 457.550          | 12.8515704   | 77.5225157 | 12.8515277           | 77.5224458 |
| 3                       | 457.600          | 12.8520105   | 77.5226181 | 12.8519703           | 77.5225378 |
| 4                       | 457.650          | 12.8524327   | 77.5227807 | 12.8523957           | 77.5226810 |
| 5                       | 457.700          | 12.8528285   | 77.5230018 | 12.8528003           | 77.5228857 |
| 6                       | 457.750          | 12.8531906   | 77.5232764 | 12.8531697           | 77.5231491 |
| 7                       | 457.800          | 12.8535231   | 77.5235879 | 12.8535056           | 77.5234550 |
| 8                       | 457.850          | 12.8538416   | 77.5239143 | 12.8538245           | 77.5237811 |
| 9                       | 457.900          | 12.8541587   | 77.5242422 | 12.8541435           | 77.5241071 |
| 10                      | 457.950          | 12.8544758   | 77.5245701 | 12.8544624           | 77.5244332 |
| 11                      | 458.000          | 12.8547929   | 77.5248980 | 12.8547813           | 77.5247592 |
| 12                      | 458.050          | 12.8551100   | 77.5252259 | 12.8551003           | 77.5250851 |
| 13                      | 458.100          | 12.8554289   | 77.5255519 | 12.8554237           | 77.5254066 |
| 14                      | 458.150          | 12.8557485   | 77.5258773 | 12.8557473           | 77.5257278 |
| 15                      | 458.200          | 12.8560681   | 77.5262027 | 12.8560709           | 77.5260491 |
| 16                      | 458.280          | 12.8563877   | 77.5265280 | 12.8564600           | 77.5264374 |