

**GOVERNMENT OF NCT OF DELHI**  
**DEPARTMENT OF FORESTS & WILDLIFE**  
**OFFICE OF DEPUTY CONSERVATOR OF FORESTS(SOUTH)**  
**NEAR DR. KARNI SINGH SHOOTING RANGE**  
**TUGHLAKABAD, NEW DELHI- 110044.**

**F. No. 30/DCF(S)/FCA/NCRTC/ 20-21/1689-91**

**Dated: 27.05.2021**

**To,**

The Chief Conservator of Forests  
Department of Forests and Wildlife,  
GNCTD, 2<sup>nd</sup> Floor, A –Block  
Vikas Bhawan, I.P. Estate  
New Delhi-110002.

**Sub: Regarding EDS raised by Regional Office against the FCA proposal No. FP/DL/RAIL/49037/2020.**

**Ref: letter No. 8B/Delhi/07/03/2021/09 dated:16.04.2021**

**Sir,**

This is in the reference mentioned above regarding the EDS raised by Regional office against the FCA proposal No. FP/DL/RAIL/49037/2020. The point wise detail of the EDS is mentioned below:

1. Details mentioned in annexure-1.
2. Details mentioned in annexure-2.
3. Details mentioned in annexure-3.
4. Pertains to DCF (North).
5. NPV calculations mentioned in annexure-4. However, canopy density is 0.90.
6. Details mentioned in annexure-5.

Yours faithfully,



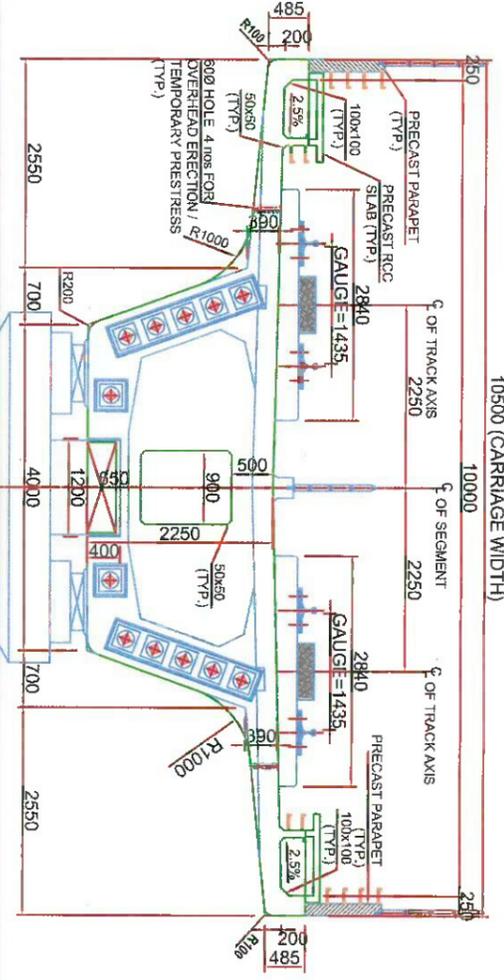
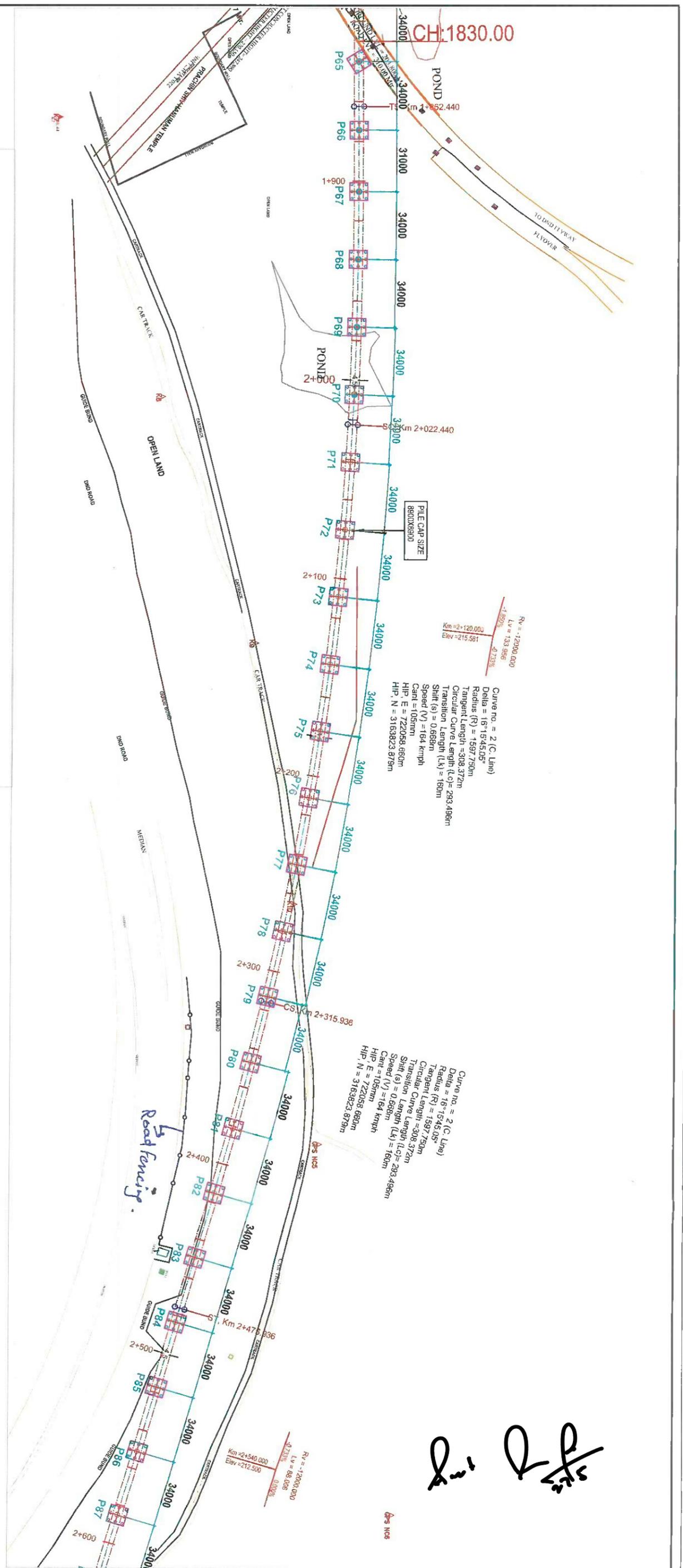
**Dy. Conservator of Forests  
South Forest Division**

**Copy to:**

1. The Principal Chief conservator of Forests/HOD, Department of Forests and Wildlife, GNCTD, 2<sup>nd</sup> Floor, A –Block, Vikas Bhawan, I.P. Estate, New Delhi-110002, for kind information.
2. The Chief Project Manager/Delhi, National Capital Region Transport Corporation, 7/6, Siri Fort Institutional Area, August Kranti Marg, New Delhi – 110049, for kind information.



**Dy. Conservator of Forests  
South Forest Division**



SECTION AT DIAPHRAGM  
SCALE: 1/40

|   |                       |  |          |
|---|-----------------------|--|----------|
|   |                       | <b>NATIONAL CAPITAL REGION TRANSPORT CORPORATION</b> |          |
| PROJECT: DELHI-GHAZIABAD-MEERUT RRTS CORRIDOR |                       |  |          |
| DRAWING TITLE: PIER ALIGNMENT P65 TO P87      |                       |  |          |
| DRAWING NUMBER:                               |                       |  |          |
| DRAWN BY: SANJAY KUMAR                        | SUBMITTED BY:         | DATE: 27-05-2021                                     | REV: R15 |
| CHECKED BY: AEN/CIVIL                         | APPROVED BY: CP/M/D/L | DATE:  | REV:     |

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### Muck Disposal plan & Certificate of project Authority

Name of the Project: Construction of RRTS station, Entry/exit at New Ashok Nagar, Cut & cover down ramp at Khicharipur and elevated viaduct near Sarai Kale Khan in Delhi section for implementation of Delhi- Ghaziabad-Meerut RRTS corridor.

| S No. | Particulars  | Remarks   |
|-------|--|---|
| 1     | Calculation of Muck to be generated  | This is to certify that in the Construction of RRTS station, Entry/Exit at New Ashok Nagar, Cut & cover down ramp at Khicharipur and elevated viaduct near Sarai Kale Khan 51867 cum (37500+12347+2020) cubic meter muck is likely to be generated.<br>A depot/stabling yard is proposed at Jangpura where the generated muck will be utilized for the filling of depot/ stabling yard. |
| 2     | Quantity of muck to be utilized in the project activities  | At Jangpura, complete quantity indicated in item no.1 above will be consumed.   |
| 3     | Balance quantity of muck which requires disposal/management plan.                                    | N.A.  |
| 4     | Carriage of muck from muck generation site to the dumping site.                                      | The carriage of muck from the muck generation to the Jangpura depot/stabling yard and handling site will be arranged by the contractor.   |
| 5     | Ownership of land and the consent of landowners in case muck disposal is proposed on non-forest land | N.A.  |
| 6     | Development of dumping site- construction of retaining walls and other                               | N.A.  |
| 7     | Photograph & carrying capacity of proposed dumping site (muck disposal site)                         | N.A.  |
| 8     | Rehabilitation of dumping site like levelling, planting of grass, shrubs and tree species.           | N.A.  |

Undertaking by user agency has to be given to the effect that:

- 1) Muck management plan will be implemented by user agency and in case of non-implementation of plan, they will be liable to penalty/action at their cost.
- 2) The proposed dumping site is located away from river/stream/Nala.

SIGNATURE OF USER AGENCY

Place: Delhi

Date: 10/11/20.



## Annexure- 3

| Species wise complete enumeration of trees in the proposed area |                         |                     |                      |           |           |           |           |          |       |
|---|-------------------------|---------------------|----------------------|-----------|-----------|-----------|-----------|----------|-------|
| S.No.   | Botanical Name          | Common Name of tree | Girth Class in Metre |           |           |           |           |          | Total |
|   |                         |                     | 0-0.30               | 0.31-0.60 | 0.61-0.90 | 0.91-1.20 | 1.21-1.50 | 1.51-2.3 |       |
| 1   | Vachellia nilotica      | Kikar               | 367                  | 154       | 29        | 7         | 1         |          | 558   |
| 2   | Leucaena Leucocephala   | Subabul             | 174                  | 64        | 6         | 1         | 1         | 1        | 247   |
| 3   | Morus Nigra             | shahtoot            | 23                   | 12        | 6         | 3         |           |          | 44    |
| 4   | Vachellia Nilotica      | Babool              | 1                    | 4         | 3         | 1         |           |          | 9     |
| 5   | Cassia fistula          | Amaltash            | 1                    | 1         |           |           |           |          | 2     |
| 6   | Cordia Dichotoma        | Lasoda              | 11                   | 5         |           |           |           |          | 16    |
| 7   | Ziziphus mauritiana     | Ber                 | 18                   | 6         | 1         |           |           |          | 25    |
| 8   | Dalbergia Sissoo        | Sheeshum            | 2                    |           |           |           |           |          | 2     |
| 9   | Ficus Religiosa         | Pipal               | 9                    | 4         |           |           | 2         |          | 15    |
| 10  | Azadirachta indica      | Neem                | 7                    |           |           |           | 1         |          | 8     |
| 11  | Pithecellobium dulce    | Jungle Jalebi       | 7                    | 3         |           |           |           |          | 10    |
| 12  | Holoptelea Integrifolia | Papri               | 1                    |           | 1         |           |           |          | 2     |
| 13  | Laurus Nobilis          | Loveria             | 8                    | 1         |           |           |           |          | 9     |
| 14  | Tamarix Gallica         | Jhau                | 5                    | 1         |           |           |           |          | 6     |
| 15  | Lawsonia Inermis        | Mehandi             | 2                    |           |           |           |           |          | 2     |
| 16  | Vachellia Nilotica      | Arandi              | 4                    | 1         |           |           |           |          | 5     |
| 17  | Albizia lebbeck         | Siras               | 2                    |           |           |           |           |          | 2     |
| 18  | Melia Azedarach         | Bakayan             | 4                    |           | 1         |           |           |          | 5     |
| 19  | Bombax Ceiba            | Semal               |                      | 4         |           |           | 1         |          | 5     |
| 20  | Crotalaria Juncea       | Beri                |                      | 1         |           |           |           |          | 1     |
| 21  | NA                      | Dry                 |                      | 1         |           |           |           |          | 1     |
| 22  | Ficus Racemosa          | Goolar              |                      |           | 1         |           |           |          | 1     |
| 23  | Holoptelea Integrifolia | Papaya              |                      | 1         |           |           |           |          | 1     |
| Total No. of trees to be saved                                  |                         |                     |                      |           |           |           |           |          | 13    |
| Total No. of trees  |                         |                     |                      |           |           |           |           |          | 976   |
| Total No. of trees including to be saved                        |                         |                     |                      |           |           |           |           |          | 989   |

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Handwritten signature: *Radha Kumari*  
AEN/0111

Handwritten signature: *Radha Kumari*  
TA/Civil  
14/01/21

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**TUGHLAKABAD, NEW DELHI- 110044.**

**Full Title of the Project:** Implementation of Delhi-Ghaziabad-Meerut Regional Rapid Transit system (RRTS) corridor in the State of Delhi.

**Proposal No.:** FP/DL/Rail/49037/2020

**Date of Proposal:** 29.08.2020

A Proposal of diversion of 1.53 Ha. Forest land for non-forest purpose has been received in Parivesh Portal vide ref no. - **FP/DL/Rail/49037/2020**      **Date of Proposal:** 29.08.2020.

In pursuance of the order of 29<sup>th</sup> October 2002 of the Hon'ble Supreme Court in Writ Petition (Civil) No. 202/95 in addition to the funds realized for compensatory afforestation, the Net Present Value (NPV) of Forest land diverted for non-forest purposes is also to be recovered from the user agencies, for undertaking forest protection, other conservation measures and related activities.

NPV is recoverable in all cases where diversion is approved on and after 29<sup>th</sup> October 2002 and also the cases for which in-principle clearance was granted before 29<sup>th</sup> October 2002 and final Clearance after that.

NPV rates- Rs. 8,87,000/- per Ha.

Eco Class Value: Class III

Density of forest: Dense Forest

Diversion of forest land for non-purpose:- 1.53 Ha.

Rate of NPV:- Rs. 8,87,000/- per Ha.

**Total Amount payable:- 8,87,000 X 1.53 = Rs.13,57,110/- (Rupees Thirteen Lakh Fifty Seven thousand One Hundred Ten)**

  
(AMIT ANAND), IFS

**DY. CONSERVATOR OF FORESTS  
SOUTH FOREST DIVISION**

**Place: New Delhi**

**Date: 27.05.2021**

Full title of the project: Delhi-Ghaziabad-Meerut RRTS Corridor

Proposal No: FP/DL/RAIL/48997/2020

Proposal Date: 23.08.2020

### CHECK LIST

Undertaking for alternative alignment for Delhi -Ghaziabad- Meerut RRTS Corridor.

NCRTC have checked all the alternative alignment to minimize the tree cutting/ transplantation but the present alignment is specific and final due to engineering reason such as speed restriction, cost issues, wear and tear to rolling stock etc. Hence it is requested to please considered as the entire project location is specific and final.



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**Place: Delhi**

**Date 10/11/20**



**Office Seal**

All alternatives were explored and the present alignment has been found to have least number of trees affected by project. Further, route falling in neighbouring state has already been approved which leaves limited options for alternate routes.



Full title of the project: Delhi-Ghaziabad-Meerut RRTS Corridor

Proposal No: FP/DL/RAIL/48997/2020

Proposal Date: 23.08.2020

CHECK LIST

STATEMENT SHOWING DETAILS OF COMPONENT WISE LAND FOR FOREST AREA

| S. No   | Chainage (M) | Length (M) | Pile cap size (M) | Elevated carriage way width(M)   | Pier width (M) | Total width available below Elevated Corridor. | Remarks                           |
|---------|--------------|------------|-------------------|--|----------------|--|-----------------------------------|
| 1       | 1830-2600    | 770        | 8.9X8.9           | 10.5   | 2              | 8.5  | Layout plan attached as Annex 'A' |
| Note: - |              |            |                   | The available vacant land is used for shrubs plantation after completion of construction work. |                |  |                                   |

SIGNATURE OF USER AGENCY

Place: Delhi

Date 10/11/20



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