

### Government of India

### RFD

(Results-Framework Document) for

Ministry of Road Transport and Highways

(2014-2015)

### Section 1: Vision, Mission, Objectives and Functions

#### Vision

"Roads for sustainable development"

#### Mission

"To develop and maintain a road infrastructure in general and National Highways in particular to an international standards to achieve quick, safe and environment friendly mobility thereby accelerating socio-economic development and satisfaction of citizen of India through appropriate policy formulations, timely completion of programmes and execution of services in cost effective and transparent manner"

#### **Objectives**

- 1 Growth and expansion of road network: Planning, development and maintenance of National Highways (NHs) infrastructure by creating additional capacity.
- 2 Special Accelerated Road Develoopment Programme for North-East region (SARDP-NE) including Arunachal Pradesh package for enhancing State capitals, district headquarters connectivity, strategic roads in border States and connectivity to neighbouring countries.
- 3 Special Programme for development of road connectivity of two-lane standards in the Left Wing Extremism (LWE) affected areas including Tribal Sub-Plan (TSP).
- Technical and financial support to State Governments for development of State roads and the roads of the Inter-State Connectivity and Economic Importance.
- 5 Policy Issues: Effective policy measures to improve road safety
- 6 Policy formulation and implementation regarding road transport.
- 7 Road Safety: Effective policy measures to sustainbly improve road safety for efficient and safe transportation.
- 8 To set up model inspection and Certification Centres
- 9 Enforcement and Regulation: To set up an independent regulatory authority.
- 10 Capacity Building: Skill development amongst stakeholders compatible with the interntional standards.

#### **Functions**

- 1 Planning, Development and Maintenance of National Highways
- 2 Policy formulation relating to National Highways.
- 3 Technical and financial support for the development of States Roads other than rural roads.
- 4 Specifications, Standardization, research and development pertaining to roads and bridges.

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### Section 1: Vision, Mission, Objectives and Functions

- 5 Policy formulation and implementation of Road Safety programmes.
- 6 Policy formulation and implementation regarding road transport.
- 7 Skill development amongst the stakeholders compatible with the international standards.
- 8 Promoting intelligent transport system and automation.
- 9 International cooperation in road sector/road transport.
- 10 Providing technical support to other Ministry's/States/UT's regarding development of roads/highways.

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Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|  |        |   |         |   |              |        |           | Target /  | Criteria \ | /alue |      |
|--|--------|---|---------|---|--------------|--------|-----------|-----------|------------|-------|------|
| Objective  | Weight | Action  |         | Success<br>Indicator  | Unit         | Weight | Excellent | Very Good | Good       | Fair  | Poor |
|  |        |   |         | marcator  |              |        | 100%      | 90%       | 80%        | 70%   | 60%  |
| [1] Growth and expansion of road network: Planning, development and maintenance of National Highways (NHs) infrastructure by creating additional capacity. | 31.50  | [1.1] Development of NHs<br>infrastructure under<br>National Highways<br>Development Project<br>(NHDP). | [1.1.1] | Completion of construction.   | Kms          | 5.00   | 2200      | 2000      | 1800       | 1600  | 1400 |
|  |        | [1.2] Award of works under NHDP.  | [1.2.1] | Length to be awarded.   | Kms          | 4.00   | 5200      | 5000      | 4800       | 4600  | 4400 |
|  |        | [1.3] Feasibility studies (FS) for implementation of projects under NHDP.                               | [1.3.1] | Length of FS to be completed.   | Kms          | 2.00   | 5250      | 5000      | 4750       | 4500  | 4250 |
|  |        | [1.4] Land acquisition / Environmental Clearance for implementation of NHDP.                            | [1.4.1] | Taking possession of land (area in hectare).  | На           | 1.00   | 7000      | 6000      | 5000       | 4000  | 3000 |
|  |        |   | [1.4.2] | Handing over of land<br>for all projects<br>awarded during<br>2013-14                     | %            | 0.50   | 100       | 95        | 90         | 85    | 80   |
|  |        |   | [1.4.3] | Obtaining Environmental Clearance for all projects awarded during 2013-14                 | %            | 0.50   | 100       | 95        | 90         | 85    | 80   |
|  |        | [1.5] Raising of funds for NHDP by National Highways Authority of India (NHAI).                         | [1.5.1] | IEBR (Internal &<br>External Budgetary<br>Resources) under<br>54EC and tax-free<br>bonds. | Rs<br>crores | 1.00   | 10000     | 9000      | 8000       | 7000  | 6000 |
|  |        | [1.6] Development of<br>Expressways   | [1.6.1] | Completion of DPR   | Kms          | 0.50   | 1200      | 1000      | 800        | 600   | 500  |
|  |        |   | [1.6.2] | Award of works  | kms          | 0.50   | 300       | 200       | 150        | 50    | 0    |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|           |        |  |          |   |              |        |           | Target /  | Criteria \ | /alue |       |
|-----------|--------|--|----------|---|--------------|--------|-----------|-----------|------------|-------|-------|
| Objective | Weight | Action   |          | Success<br>Indicator  | Unit         | Weight | Excellent | Very Good | Good       | Fair  | Poor  |
|           |        |  |          | marca.c.  |              |        | 100%      | 90%       | 80%        | 70%   | 60%   |
|           |        | [1.7] Development of non-NHDP<br>NHs (including widening to<br>2 lane, strengthening by<br>State PWDs / BRO. | [1.7.1]  | Completion of length.   | Kms          | 3.00   | 1200      | 1000      | 800        | 600   | 400   |
|           |        |  | [1.7.2]  | Improvement of Riding Quality (IRQP)  | kms          | 2.00   | 2200      | 2000      | 1800       | 1600  | 1400  |
|           |        | [1.8] Sanction of works for NHs<br>(non-NHDP) to be executed<br>by State PWDs / BRO.                         |          | Cost of works to be sanctioned.   | Rs<br>crores | 1.00   | 3300      | 3000      | 2700       | 2400  | 2100  |
|           |        | [1.9] Maintenance of NHs with<br>NHAI / State PWDs / BRO.  | [1.9.1]  | Periodical and ordinary repairs (Expenditure Incurred).   | Rs<br>crores | 2.00   | 2300      | 2000      | 1700       | 1400  | 1100  |
|           |        |  | [1.9.2]  | Periodical and ordinary repairs (length in km).   | Kms          | 2.00   | 40000     | 30000     | 25000      | 20000 | 15000 |
|           |        |  | [1.9.3]  | Independent audit of<br>quality of<br>maintenance and<br>road safety on NHs<br>on sample basis. | Kms          | 1.00   | 2500      | 2250      | 2000       | 1750  | 1500  |
|           |        |  | [1.9.4]  | Corrective measures for maintenance and Road Safety   | Kms          | 0.50   | 600       | 500       | 400        | 300   | 200   |
|           |        | [1.10] Collection of Toll Revenue  | [1.10.1] | Collection of Toll<br>Revenue by NHAI   | Rs crore     | 1.00   | 5500      | 5000      | 4750       | 4500  | 4250  |
|           |        | [1.11] Condition Survey of<br>Bridges  | [1.11.1] | Number of bridges to be inspected by  | Nos          | 1.00   | 105       | 90        | 75         | 60    | 45    |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|   |        |   |   |      |        |            | Target /   | Criteria \ | Value      |            |
|---|--------|---|---|------|--------|------------|------------|------------|------------|------------|
| Objective   | Weight | Action  | Success<br>Indicator  | Unit | Weight | Excellent  | Very Good  | Good       | Fair       | Poor       |
|   |        |   | maicator  |      |        | 100%       | 90%        | 80%        | 70%        | 60%        |
|   |        |   | mobile bridge<br>inspection unit  |      |        |            |            |            |            |            |
|   |        | [1.12] Award of works under<br>National Highways Inter-<br>connectivity Improvement<br>Projects (NHIIP) | [1.12.1] Award of works<br>under National<br>Highways Inter-<br>connectivity<br>Improvement<br>Projects (NHIIP) | Nos  | 0.50   | 12         | 10         | 8          | 6          | 4          |
|   |        |   | [1.12.2] Length of works<br>awarded under<br>NHIIP  | Kms  | 0.50   | 800        | 700        | 600        | 500        | 400        |
|   |        | [1.13] Development of road quality index  | [1.13.1] Initiation of action for<br>development of road<br>quality index by<br>CRRI                            | Date | 1.00   | 30/11/2014 | 31/12/2014 | 31/01/2015 | 28/02/2015 | 31/03/2015 |
|   |        | [1.14] Operationalization of road construction company for north east and border areas                  | construction  | Date | 1.00   | 30/11/2014 | 31/12/2014 | 31/01/2015 | 28/02/2015 | 31/03/2015 |
| [2] Special Accelerated Road Develoopment Programme for North-East region (SARDP-NE) including Arunachal Pradesh package for enhancing State capitals, district headquarters connectivity, strategic roads in border States and connectivity to neighbouring countries. | 15.00  | [2.1] Development of roads in NE region.  | [2.1.1] Length to be completed.   | Kms  | 6.00   | 650        | 600        | 550        | 500        | 450        |
|   |        | [2.2] Award of works under SARDP-NE.  | [2.2.1] Length to be awarded.   | Kms  | 6.00   | 2250       | 2000       | 1750       | 1500       | 1250       |
|   |        | [2.3] Construction of 2 lane 25.8<br>km missing link of NH-37<br>Extn including 9.3 km long<br>bridge   | [2.3.1] Overall Progress in %   | %    | 1.50   | 100        | 90         | 80         | 70         | 60         |

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Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|   |        |   |                                 |              |        |           | Target /  | Criteria \ | /alue |      |
|---|--------|---|---------------------------------|--------------|--------|-----------|-----------|------------|-------|------|
| Objective   | Weight | Action  | Success<br>Indicator            | Unit         | Weight | Excellent | Very Good | Good       | Fair  | Poor |
|   |        |   |                                 |              |        | 100%      | 90%       | 80%        | 70%   | 60%  |
|   |        | across river Brahmaputra<br>connecting Assam at Dhola<br>Sadia Ghat with Roing in<br>Arunachal Pradesh on BOT<br>(Annuity) at TPC Rs 876 cr.  |                                 |              |        |           |           |            |       |      |
|   |        | [2.4] Construction of two lane Kaladan State road in 100 km length in Mizoram (up to Mynmar border) under MTT (Multi-Model Transit Transport) in extension of NH-54 for connectivity to Sitway Port in Mynmar on EPC mode at a cost of Rs 576 cr. |                                 | n %          | 1.50   | 90        | 80        | 70         | 60    | 50   |
| [3] Special Programme for development of road connectivity of two-lane standards in the Left Wing Extremism (LWE) affected areas including Tribal Sub-Plan (TSP). | 14.00  | [3.1] Development of road connectivity in LWE.  | [3.1.1] Length to be completed. | Kms          | 12.00  | 1200      | 1000      | 700        | 600   | 500  |
|   |        | [3.2] Award of works under LWE.   | [3.2.1] Length to be awarded.   | Kms          | 2.00   | 450       | 400       | 350        | 300   | 250  |
| [4] Technical and financial support to State Governments for development of State roads and the roads of the Inter-State Connectivity and Economic Importance.    | 1.00   | [4.1] Release of funds under<br>Central Road Fund (CRF).  | [4.1.1] Funds to be released.   | Rs<br>crores | 0.50   | 2600      | 2400      | 2200       | 2000  | 1800 |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|   | · · · Success |  |         |   |                                     |        |            | Target /   | Criteria \ | /alue      |            |
|---|---------------|--|---------|---|-------------------------------------|--------|------------|------------|------------|------------|------------|
| Objective   | Weight        | Action   |         | Success<br>Indicator  | Unit                                | Weight | Excellent  | Very Good  | Good       | Fair       | Poor       |
|   |               |  |         |   |                                     |        | 100%       | 90%        | 80%        | 70%        | 60%        |
|   |               |  | [4.1.2] | Release of funds<br>within 1 month of the<br>receipt of Utilization<br>Certificate      | %                                   | 0.50   | 100        | 95         | 90         | 80         | 70         |
| [5] Policy Issues: Effective policy measures to improve road safety | 8.50          | [5.1] Implementation of remedial measures on NHs for 100 black spots in 13 most accident-prone States under dedicated 10% of Plan outlay earmarked for road safety.                        | [5.1.1] | Identification and rectification of 100 black spots on NHs through short term measures. | Nos                                 | 2.00   | 125        | 100        | 80         | 70         | 60         |
|   |               |  | [5.1.2] | Preparing plans for permanent measures  | Date                                | 1.00   | 30/11/2014 | 31/12/2014 | 31/01/2015 | 28/02/2015 | 31/03/2015 |
|   |               | [5.2] To improve the road safety scenario in the country by various measures such as, generating mass awreness through print and electronic media including vernacular and dedicated NGOs. | [5.2.1] | To finalise action for<br>finalization of Action<br>Plan (as per UN<br>commitment)      | Date                                | 1.00   | 30/11/2014 | 31/12/2014 | 31/01/2015 | 28/02/2015 | 31/03/2015 |
|   |               |  | [5.2.2] | Conducting Mass awareness programmes.   | Nos of<br>audio /<br>video<br>spots | 1.00   | 45000      | 40000      | 35000      | 30000      | 25000      |
|   |               |  | [5.2.3] | Introduction of Bill /<br>Government Order<br>for creation of Road<br>Safety Board      | Date                                | 1.00   | 30/11/2014 | 31/12/2014 | 31/01/2015 | 28/02/2015 | 31/03/2015 |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|   |        |  |         |  |                          |        |           | Target /  | Criteria \ | /alue |       |
|---|--------|--|---------|--|--------------------------|--------|-----------|-----------|------------|-------|-------|
| Objective   | Weight | Action   |         | Success<br>Indicator   | Unit                     | Weight | Excellent | Very Good | Good       | Fair  | Poor  |
|   |        |  |         | marcato.   |                          |        | 100%      | 90%       | 80%        | 70%   | 60%   |
|   |        | [5.3] Developing communication strategy for road safety and monitoring implementation.                                 | [5.3.1] | Implementation of<br>RADMS software on<br>pilot basisfor<br>collection of data on<br>road accidents                                      | No. of<br>States         | 0.50   |           |           |            |       |       |
|   |        |  | [5.3.2] | Giving wide publicity<br>to single toll free<br>number for<br>emergency care,<br>designated trauma<br>centres and<br>ambulance call etc. | Nos                      | 0.50   | 1000      | 900       | 800        | 700   | 600   |
|   |        | [5.4] Setting up Road Safety<br>Fund (RSF).  | [5.4.1] | Grant of assistance<br>by way of seed<br>money for setting up<br>of Road Safety Fund   | Nos                      | 0.50   |           |           |            |       |       |
|   |        | [5.5] Extension of pilot project of ETC (electronic toll collection) basis for ensuring uninterrupted flow of traffic. | [5.5.1] | system.  | No. of<br>toll<br>plazas | 1.00   | 55        | 50        | 45         | 40    | 35    |
| [6] Policy formulation and implementation regarding road transport. | 7.00   | [6.1] To impart refresher training to HMV drivers including first-aid and trauma care training.                        | [6.1.1] | Number of HMV drivers to be trained.   | Nos                      | 2.50   | 35000     | 30000     | 25000      | 20000 | 15000 |
|   |        | [6.2] To impart training to State Transport personnel.   | [6.2.1] | Number of training programmes to be conducted.   | Nos                      | 1.00   | 50        | 45        | 40         | 35    | 30    |
|   |        | [6.3] To set up Model Driving Training Institutes.   | [6.3.1] | Number of Driving<br>Training Institutes   | Nos                      | 0.50   | 5         | 4         | 3          | 2     | 1     |

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Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|   |        |   |  |      |        |            | Target /   | Criteria \ | √alue      |            |
|---|--------|---|--|------|--------|------------|------------|------------|------------|------------|
| Objective   | Weight | Action  | Success<br>Indicator   | Unit | Weight | Excellent  | Very Good  | Good       | Fair       | Poor       |
|   |        |   | maioatoi   |      |        | 100%       | 90%        | 80%        | 70%        | 60%        |
|   |        |   | to be sanctioned.  |      |        |            |            |            |            |            |
|   |        | [6.4] Sanctioning of road safety equipments.  | [6.4.1] Number of ambulances and cranes.   | Nos  | 1.50   | 30         | 25         | 20         | 15         | 5          |
|   |        |   | [6.4.2] Pollution Testing Equipments.  | Nos  | 1.00   | 650        | 600        | 550        | 500        | 400        |
|   |        | [6.5] Measures for curbing overloading.   | [6.5.1] Issue of guidelines to the States for curbing overloading.                     | Date | 0.50   | 30/11/2014 | 31/12/2014 | 31/01/2015 | 28/02/2015 | 31/03/2015 |
| [7] Road Safety: Effective policy measures to sustainbly improve road safety for efficient and safe transportation. | 2.00   | [7.1] To set up Model Inspection & Certification Centres.   | [7.1.1] Number of centers to be sanctioned.  | Nos  | 1.00   |            |            |            |            |            |
|   |        |   | [7.1.2] Number of centers to be completed within RFD year                              | Nos  | 1.00   | 5          | 4          | 3          | 2          | 1          |
| [8] To set up model inspection and Certification Centres  | 2.00   | [8.1] Setting of Highway<br>Regulatory Authority.   | [8.1.1] Introduction of Bill / Government Order for setting up of Regulatory Authority | Date | 2.00   | 30/11/2014 | 31/12/2014 | 31/01/2015 | 28/02/2015 | 31/03/2015 |
| [9] Enforcement and Regulation: To set up an independent regulatory authority.                                      | 1.00   | [9.1] To provide Central assistance to States / STUs for implementation of IT projects / Mobility Plan. | [9.1.1] Number of STUs to be sanctioned.   | Nos  | 1.00   | 6          | 5          | 4          | 3          | 2          |
| [10] Capacity Building: Skill development amongst stakeholders compatible with the interntional standards.          | 3.00   | [10.1] Skill Development for newly recruited engineers / existing practicing engineers /(IAHE)          | (10.1.1] Number of newly inducted engineers to be trained                              | Nos  | 1.00   | 50         | 45         | 40         | 35         | 30         |

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|  |        |  |  |      |        |            | Target /   | Criteria \ | √alue      |            |
|--|--------|--|--|------|--------|------------|------------|------------|------------|------------|
| Objective  | Weight | Action   | Success<br>Indicator   | Unit | Weight | Excellent  | Very Good  | Good       | Fair       | Poor       |
|  |        |  |  |      |        | 100%       | 90%        | 80%        | 70%        | 60%        |
|  |        |  | [10.1.2] Number of existing practicing engineers to be trained | Nos  | 1.00   | 1000       | 900        | 800        | 700        | 600        |
|  |        | [10.2] Training at the door step of trainees.  | [10.2.1] Number of off-<br>campus training to<br>be completed. | Nos  | 0.50   | 12         | 10         | 8          | 6          | 4          |
|  |        | [10.3] Training of Non-engineers   | [10.3.1] Number of non-<br>engineers to be<br>trained.         | Nos  | 0.50   | 250        | 200        | 100        | 75         | 50         |
| * Efficient Functioning of the RFD System                                  | 3.00   | Timely submission of Draft RFD for 2015-2016 for Approval  | On-time submission   | Date | 2.0    | 05/03/2015 | 06/03/2015 | 09/03/2015 | 10/03/2015 | 11/03/2015 |
|  |        | Timely submission of Results for 2013-2014   | On-time submission   | Date | 1.0    | 01/05/2014 | 02/05/2014 | 03/05/2014 | 06/05/2014 | 07/05/2014 |
| * Enhanced Transparency / Improved Service delivery of Ministry/Department | 3.00   | Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)                              | Degree of implementation of commitments in CCC                 | %    | 2.0    | 100        | 95         | 90         | 85         | 80         |
|  |        | Independent Audit of implementation of Grievance Redress Management (GRM) system                                   | Degree of success in implementing GRM                          | %    | 1.0    | 100        | 95         | 90         | 85         | 80         |
| * Reforming Administration   | 8.00   | Update departmental strategy to align with revised priorities  | Date   | Date | 2.0    | 01/11/2014 | 02/11/2014 | 03/11/2014 | 04/11/2014 | 05/11/2014 |
|  |        | Implement agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC). | % of Implementation  | %    | 1.0    | 100        | 90         | 80         | 70         | 60         |

<sup>\*</sup> Mandatory Objective(s)

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Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

|  |        |   |  |      |        |           | Target /  | Criteria \ | /alue |      |
|--|--------|---|--|------|--------|-----------|-----------|------------|-------|------|
| Objective  | Weight | Action  | Success<br>Indicator   | Unit | Weight | Excellent | Very Good | Good       | Fair  | Poor |
|  |        |   | maidator   |      |        | 100%      | 90%       | 80%        | 70%   | 60%  |
|  |        | Implement agreed milestones for implementation of ISO 9001  | % of implementation  | %    | 2.0    | 100       | 95        | 90         | 85    | 80   |
|  |        | % of Responsibility Centres with RFD in RFMS  | Responsibility Centres covered   | %    | 1.0    | 100       | 95        | 90         | 85    | 80   |
|  |        | Implement agreed milestones of approved Innovation Action Plans (IAPs).                                 | % of implementation  | %    | 2.0    | 100       | 90        | 80         | 70    | 60   |
| * Improve compliance with the Financial Accountability Framework | 1.00   | Timely submission of ATNs on Audit paras of C&AG  | Percentage of ATNs<br>submitted within due date (4<br>months) from date of<br>presentation of Report to<br>Parliament by CAG during<br>the year. | %    | 0.25   | 100       | 90        | 80         | 70    | 60   |
|  |        | Timely submission of ATRs to the PAC Sectt. on PAC Reports.   | Percentage of ATRS submitted within due date (6 months) from date of presentation of Report to Parliament by PAC during the year.                | %    | 0.25   | 100       | 90        | 80         | 70    | 60   |
|  |        | Early disposal of pending ATNs on Audit Paras of C&AG Reports presented to Parliament before 31.3.2014. | Percentage of outstanding ATNs disposed off during the year.   | %    | 0.25   | 100       | 90        | 80         | 70    | 60   |
|  |        | Early disposal of pending ATRs on PAC Reports presented to Parliament before 31.3.2014                  | Percentage of outstanding ATRS disposed off during the year.   | %    | 0.25   | 100       | 90        | 80         | 70    | 60   |

<sup>\*</sup> Mandatory Objective(s)

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Section 3: Trend Values of the Success Indicators

| Objective  | Action  | Success Indicator   | Unit      | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|--|---|---|-----------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
| [1] Growth and expansion of road network: Planning, development and maintenance of National Highways (NHs) infrastructure by creating additional capacity. | [1.1] Development of NHs infrastructure under National Highways Development Project (NHDP). | [1.1.1] Completion of construction.   | Kms       | 2845                            | 2120                            | 2000                            | 3000                               | 4000                               |
|  | [1.2] Award of works under NHDP.  | [1.2.1] Length to be awarded.   | Kms       | 1321                            | 2608                            | 5000                            | 5000                               | 6000                               |
|  | [1.3] Feasibility studies (FS) for implementation of projects under NHDP.                   | [1.3.1] Length of FS to be completed.   | Kms       | 6000                            | 4000                            | 5000                            | 5000                               | 1000                               |
|  | [1.4] Land acquisition / Environmental Clearance for implementation of NHDP.                | [1.4.1] Taking possession of land (area in hectare).                                  | На        | 7000                            | 8400                            | 6000                            | 3000                               | 3000                               |
|  |   | [1.4.2] Handing over of land<br>for all projects awarded<br>during 2013-14            | %         |                                 | 70                              | 95                              | 95                                 | 95                                 |
|  |   | [1.4.3] Obtaining Environmental Clearance for all projects awarded during 2013-14     | %         |                                 | 100                             | 95                              | 95                                 | 95                                 |
|  | [1.5] Raising of funds for NHDP by National Highways Authority of India (NHAI).             | [1.5.1] IEBR (Internal & External Budgetary Resources) under 54EC and tax-free bonds. | Rs crores | 2890                            | 7943                            | 9000                            | 20000                              | 25000                              |
|  | [1.6] Development of<br>Expressways   | [1.6.1] Completion of DPR   | Kms       | 0                               | 0                               | 1000                            | 800                                | 0                                  |

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| Objective | Action   | Success Indicator   | Unit      | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|-----------|--|---|-----------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
|           |  | [1.6.2] Award of works  | kms       | 0                               | 0                               | 200                             | 900                                | 700                                |
|           | [1.7] Development of non-<br>NHDP NHs (including<br>widening to 2 lane,<br>strengthening by State<br>PWDs / BRO. | [1.7.1] Completion of length.   | Kms       | 1000                            | 930                             | 1000                            | 1500                               | 1500                               |
|           |  | [1.7.2] Improvement of Riding<br>Quality (IRQP)   | kms       | 2100                            | 2170                            | 2000                            | 2000                               | 2000                               |
|           | [1.8] Sanction of works for NHs (non-NHDP) to be executed by State PWDs / BRO.                                   | [1.8.1] Cost of works to be sanctioned.   | Rs crores | 3074                            | 7772                            | 3000                            | 3500                               | 3500                               |
|           | [1.9] Maintenance of NHs with<br>NHAI / State PWDs /<br>BRO.   | [1.9.1] Periodical and ordinary repairs (Expenditure Incurred).                             | Rs crores | 1500                            | 1700                            | 2000                            | 2250                               | 2500                               |
|           |  | [1.9.2] Periodical and ordinary repairs (length in km).                                     | Kms       | 30000                           | 30000                           | 30000                           | 30000                              | 30000                              |
|           |  | [1.9.3] Independent audit of quality of maintenance and road safety on NHs on sample basis. | Kms       | 0                               | 400                             | 2250                            | 5000                               | 5000                               |
|           |  | [1.9.4] Corrective measures<br>for maintenance and<br>Road Safety                           | Kms       | 400                             | 400                             | 500                             | 500                                | 500                                |

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| Objective   | Action   | Success Indicator   | Unit     | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|---|--|---|----------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
|   | [1.10]Collection of Toll<br>Revenue  | [1.10.1] Collection of Toll<br>Revenue by NHAI  | Rs crore | 3721                            | 5224                            | 5000                            | 5500                               | 6000                               |
|   | [1.11]Condition Survey of<br>Bridges   | [1.11.1] Number of bridges to<br>be inspected by mobile<br>bridge inspection unit                           | Nos      | 0                               | 0                               | 90                              | 110                                | 130                                |
|   | [1.12]Award of works under<br>National Highways Inter-<br>connectivity Improvement<br>Projects (NHIIP) | [1.12.1] Award of works under<br>National Highways<br>Inter-connectivity<br>Improvement Projects<br>(NHIIP) | Nos      | 0                               | 5                               | 10                              | 0                                  | 0                                  |
|   |  | [1.12.2] Length of works<br>awarded under NHIIP   | Kms      | 0                               | 400                             | 700                             | 0                                  | 0                                  |
|   | [1.13]Development of road quality index  | [1.13.1] Initiation of action for<br>development of road<br>quality index by CRRI                           | Date     |                                 |                                 | 31/12/2014                      |                                    |                                    |
|   | [1.14]Operationalization of road construction company for north east and border areas                  | [1.14.1] Making road<br>construction company<br>functional  | Date     |                                 |                                 | 31/12/2014                      |                                    |                                    |
| [2] Special Accelerated Road Develoopment Programme for North- East region (SARDP-NE) including Arunachal Pradesh package for enhancing State capitals, district headquarters connectivity, strategic roads in border States and connectivity to neighbouring | [2.1] Development of roads in NE region.   | [2.1.1] Length to be completed.   | Kms      | 260                             | 363                             | 600                             | 700                                | 800                                |

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| Objective   | Action  | Success Indicator               | Unit | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|---|---|---------------------------------|------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
| countries.  |   |                                 |      |                                 |                                 |                                 |                                    |                                    |
|   | [2.2] Award of works under SARDP-NE.  | [2.2.1] Length to be awarded.   | Kms  | 51                              | 64                              | 2000                            | 572                                | 0                                  |
|   | [2.3] Construction of 2 lane 25.8 km missing link of NH-37 Extn including 9.3 km long bridge across river Brahmaputra connecting Assam at Dhola Sadia Ghat with Roing in Arunachal Pradesh on BOT (Annuity) at TPC Rs 876 cr.                     | [2.3.1] Overall Progress in %   | %    | 0                               | 60                              | 90                              | 100                                | 0                                  |
|   | [2.4] Construction of two lane Kaladan State road in 100 km length in Mizoram (up to Mynmar border) under MTT (Multi-Model Transit Transport) in extension of NH-54 for connectivity to Sitway Port in Mynmar on EPC mode at a cost of Rs 576 cr. | [2.4.1] Overall Progress in %   | %    | 0                               | 50                              | 80                              | 100                                | 0                                  |
| [3] Special Programme for development of road connectivity of two-lane standards in the Left Wing Extremism (LWE) affected areas including Tribal Sub-Plan (TSP). | [3.1] Development of road connectivity in LWE.  | [3.1.1] Length to be completed. | Kms  | 1049                            | 545                             | 1000                            | 800                                | 1000                               |

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| Objective  | Action  | Success Indicator   | Unit      | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|--|---|---|-----------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
|  | [3.2] Award of works under  | [3.2.1] Length to be awarded.   | Kms       | 543                             | 90                              | 400                             | 0                                  | 0                                  |
| [4] Technical and financial support to State Governments for development of State roads and the roads of the Inter-State Connectivity and Economic Importance. | LWE.  [4.1] Release of funds under Central Road Fund (CRF).   | [4.1.1] Funds to be released.   | Rs crores | 1925                            | 2923                            | 2400                            | 2500                               | 2600                               |
|  |   | [4.1.2] Release of funds within 1 month of the receipt of Utilization Certificate               | %         | 80                              | 80                              | 95                              | 95                                 | 95                                 |
| [5] Policy Issues: Effective policy measures to improve road safety  | [5.1] Implementation of remedial measures on NHs for 100 black spots in 13 most accident-prone States under dedicated 10% of Plan outlay earmarked for road safety. | [5.1.1] Identification and rectification of 100 black spots on NHs through short term measures. | Nos       | 100                             | 100                             | 100                             | 100                                | 100                                |
|  |   | [5.1.2] Preparing plans for permanent measures  | Date      | 31/12/2012                      | 31/12/2013                      | 31/12/2014                      | 31/12/2015                         | 30/12/2016                         |
|  | [5.2] To improve the road safety scenario in the country by various measures such as, generating mass awreness through  | [5.2.1] To finalise action for finalization of Action Plan (as per UN commitment)               | Date      |                                 |                                 | 31/12/2014                      |                                    |                                    |

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| Objective | Action   | Success Indicator  | Unit                                | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|-----------|--|--|-------------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
|           | print and electronic<br>media including<br>vernacular and dedicated<br>NGOs.           |  |                                     |                                 |                                 |                                 |                                    |                                    |
|           |  | [5.2.2] Conducting Mass awareness programmes.  | Nos of<br>audio /<br>video<br>spots |                                 | 29000                           | 40000                           | 50000                              | 50000                              |
|           |  | [5.2.3] Introduction of Bill /<br>Government Order for<br>creation of Road<br>Safety Board                                     | Date                                |                                 |                                 | 31/12/2014                      | -                                  |                                    |
|           | [5.3] Developing communication strategy for road safety and monitoring implementation. | [5.3.1] 1. Implementation of RADMS software on pilot basisfor collection of data on road accidents                             | No. of<br>States                    | 0                               | 0                               | 2                               | 4                                  | 4                                  |
|           |  | [5.3.2] Giving wide publicity to single toll free number for emergency care, designated trauma centres and ambulance call etc. | Nos                                 |                                 | 1000                            | 900                             | 1000                               | 1000                               |
|           | [5.4] Setting up Road Safety<br>Fund (RSF).  | [5.4.1] Grant of assistance by way of seed money for setting up of Road Safety Fund  | Nos                                 |                                 | 5                               | 2                               | 4                                  | 4                                  |
|           | [5.5] Extension of pilot project of ETC (electronic toll collection) basis for         | [5.5.1] Extension of ETC system.   | No. of toll plazas                  |                                 |                                 | 50                              | 50                                 | 50                                 |

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| Objective   | Action  | Success Indicator  | Unit | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|---|---|--|------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
|   | ensuring uninterrupted flow of traffic.   |  |      |                                 |                                 |                                 |                                    |                                    |
| [6] Policy formulation and implementation regarding road transport.   | [6.1] To impart refresher training to HMV drivers including first-aid and trauma care training. | [6.1.1] Number of HMV drivers to be trained.                       | Nos  |                                 | 35000                           | 30000                           | 30000                              | 30000                              |
|   | [6.2] To impart training to<br>State Transport<br>personnel.                                    | [6.2.1] Number of training programmes to be conducted.             | Nos  | 10                              | 39                              | 45                              | 50                                 | 60                                 |
|   | [6.3] To set up Model Driving Training Institutes.  | [6.3.1] Number of Driving Training Institutes to be sanctioned.    | Nos  | 2                               | 0                               | 4                               | 4                                  | 4                                  |
|   | [6.4] Sanctioning of road safety equipments.  | [6.4.1] Number of ambulances and cranes.                           | Nos  | 476                             | 0                               | 25                              | 100                                | 100                                |
|   |   | [6.4.2] Pollution Testing Equipments.                              | Nos  | 0                               | 0                               | 600                             | 600                                | 600                                |
|   | [6.5] Measures for curbing overloading.   | [6.5.1] Issue of guidelines to the States for curbing overloading. | Date |                                 |                                 | 31/12/2014                      |                                    |                                    |
| [7] Road Safety: Effective policy measures to sustainbly improve road safety for efficient and safe transportation. | [7.1] To set up Model<br>Inspection & Certification<br>Centres.                                 | [7.1.1] Number of centers to be sanctioned.                        | Nos  | 8                               | 0                               | 2                               | 4                                  | 4                                  |
|   |   | [7.1.2] Number of centers to<br>be completed within<br>RFD year    | Nos  |                                 | 6                               | 4                               | 4                                  | 4                                  |
| [8] To set up model inspection and Certification Centres  | [8.1] Setting of Highway<br>Regulatory Authority.   | [8.1.1] Introduction of Bill /<br>Government Order                 | Date |                                 | 31/12/2013                      | 31/12/2014                      |                                    |                                    |

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| Objective  | Action  | Success Indicator  | Unit | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|--|---|--|------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
|  |   | for setting up of<br>Regulatory Authority                      |      |                                 |                                 |                                 |                                    |                                    |
| [9] Enforcement and Regulation: To set up an independent regulatory authority.                             | [9.1] To provide Central assistance to States / STUs for implementation of IT projects / Mobility Plan.   | [9.1.1] Number of STUs to be sanctioned.                       | Nos  |                                 | 4                               | 5                               | 5                                  | 5                                  |
| [10] Capacity Building: Skill development amongst stakeholders compatible with the interntional standards. | [10.1]Skill Development for<br>newly recruited<br>engineers / existing<br>practicing engineers<br>/(IAHE) | [10.1.1] Number of newly inducted engineers to be trained      | Nos  | 0                               | 40                              | 45                              | 40                                 | 40                                 |
|  |   | [10.1.2] Number of existing practicing engineers to be trained | Nos  | 1048                            | 1280                            | 900                             | 1000                               | 1000                               |
|  | [10.2]Training at the door step of trainees.  | [10.2.1] Number of off-campus training to be completed.        | Nos  | 3                               | 5                               | 10                              | 10                                 | 10                                 |
|  | [10.3]Training of Non-<br>engineers   | [10.3.1] Number of non-<br>engineers to be<br>trained.         | Nos  | 0                               | 0                               | 200                             | 300                                | 300                                |
| * Efficient Functioning of the RFD System  | Timely submission of Draft<br>RFD for 2015-2016 for<br>Approval   | On-time submission   | Date | 15/04/2012                      | 04/03/2013                      | 06/03/2015                      | 05/03/2015                         | 04/03/2016                         |
|  | Timely submission of Results for 2013-2014  | On-time submission   | Date | 30/04/2012                      | 10/05/2014                      | 02/05/2014                      | 08/05/2015                         | 09/05/2016                         |
| * Enhanced Transparency / Improved<br>Service delivery of  | Rating from Independent Audit of implementation of  | Degree of implementation of commitments in CCC                 | %    | 90                              | 80                              | 95                              | 100                                | 100                                |

<sup>\*</sup> Mandatory Objective(s)

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| Objective  | Action   | Success Indicator   | Unit | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|--|--|---|------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
| Ministry/Department  | Citizens' / Clients' Charter (CCC)   |   |      |                                 |                                 |                                 |                                    |                                    |
|  | Independent Audit of implementation of Grievance Redress Management (GRM) system                                   | Degree of success in implementing GRM   | %    | 90                              | 75                              | 95                              | 100                                | 100                                |
| * Reforming Administration                                       | Update departmental strategy to align with revised priorities  | Date  | Date |                                 |                                 | 02/11/2014                      | 02/11/2015                         | 02/11/2016                         |
|  | Implement agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC). | % of Implementation   | %    | -                               | -                               | 90                              | 100                                | 100                                |
|  | Implement agreed milestones for implementation of ISO 9001   | % of implementation   | %    |                                 | 50                              | 95                              | 100                                | 100                                |
|  | % of Responsibility Centres with RFD in RFMS   | Responsibility Centres covered  | %    | 0                               | 0                               | 95                              | 95                                 | 100                                |
|  | Implement agreed milestones of approved Innovation Action Plans (IAPs).  | % of implementation   | %    | 100                             | 80                              | 90                              | 100                                | 100                                |
| * Improve compliance with the Financial Accountability Framework | Timely submission of ATNs on Audit paras of C&AG   | Percentage of ATNs submitted within due date (4 months) from date of presentation of Report to Parliament by CAG during the year. | %    | 90                              | 90                              | 90                              | 100                                | 100                                |

<sup>\*</sup> Mandatory Objective(s)

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| Objective | Action   | Success Indicator   | Unit | Actual Value<br>for<br>FY 12/13 | Actual Value<br>for<br>FY 13/14 | Target Value<br>for<br>FY 14/15 | Projected<br>Value for<br>FY 15/16 | Projected<br>Value for<br>FY 16/17 |
|-----------|--|---|------|---------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
|           | Timely submission of ATRs to the PAC Sectt. on PAC Reports.  | Percentage of ATRS submitted within due date (6 months) from date of presentation of Report to Parliament by PAC during the year. | %    | 90                              | 90                              | 90                              | 95                                 | 95                                 |
|           | Early disposal of pending<br>ATNs on Audit Paras of C&AG<br>Reports presented to<br>Parliament before 31.3.2014. | Percentage of outstanding ATNs disposed off during the year.  | %    | 90                              | 90                              | 90                              | 95                                 | 95                                 |
|           | Early disposal of pending<br>ATRs on PAC Reports<br>presented to Parliament before<br>31.3.2014                  | Percentage of outstanding ATRS disposed off during the year.  | %    | 90                              | 90                              | 90                              | 95                                 | 95                                 |

<sup>\*</sup> Mandatory Objective(s)

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| SI.No | Acronym | Description   |
|-------|---------|---|
| 1     | ARC     | Administrative Reform Commission  |
| 2     | ATN     | Action Taken Note   |
| 3     | ATR     | Action Taken Report   |
| 4     | ВОТ     | Built, Operate and Transfer one of the mode of awarding PPP Projects  |
| 5     | BRO     | Border Roads Organization - one of the agencies through which non-NHDP stretches of National Highways are being developed and maintained. |
| 6     | C&AG    | Comptroller and Auditor General   |

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| SI.No | Acronym | Description  |
|-------|---------|--|
| 7     | CCC     | Citizens/ Client Charter   |
| 8     | CRF     | Central Road Fund created by levying cess on diesel and petrol for the development of roads. |
| 9     | CRRI    | Central Road Research Institute, New Delhi   |
| 10    | DAVP    | Directorate of Advertising and Visual Publicity  |
| 11    | DMIC    | Delhi Mumbai Industrial Corridor   |
| 12    | DPR     | Detailed Project Report carried out for selected stretches for the development               |

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| SI.No | Acronym | Description   |
|-------|---------|---|
| 13    | EPC     | Engineering Procurement and Construction one of the way for taking up development and maintenance works |
| 14    | ETC     | Electronic Toll Collection  |
| 15    | FS      | Feasibility Study carried out for assessing techno-economic viability of the project                    |
| 16    | FS      | Feasibility Study   |
| 17    | GAD     | General Arrangement Drawing showing features of the bridge  |
| 18    | GDP     | Gross Domestic Products   |

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| SI.No | Acronym | Description   |
|-------|---------|---|
| 19    | На      | Hectare, unit of land area acquired for development of roads                              |
| 20    | HMV     | Heavy Motor Vehicle   |
| 21    | IAHE    | Indian Academy of Highway Engineers - An Apex Institute for training of Highway Engineers |
| 22    | IAP     | Innovation Action Plan  |
| 23    | IEBR    | Internal Extra Budgetary Resources  |
| 24    | IRQP    | Improvement of Riding Quality Programme   |

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| SI.No | Acronym | Description                               |
|-------|---------|---|
| 25    | ISO     | International Organization of Standards   |
| 26    | IT      | Information Technology                    |
| 27    | LA      | Land Acquisition                          |
| 28    | LOS     | Level of Service                          |
| 29    | LWE     | Left Wing Extremism areas                 |
| 30    | M&R     | Maintenance and Repairs of roads/ bridges |

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| SI.No | Acronym | Description  |
|-------|---------|--|
| 31    | MOF     | Ministry of Finance  |
| 32    | МТТ     | Multi model Transit Transport  |
| 33    | NER     | North East Region comprising 8 States  |
| 34    | NGOs    | Non-Governmental Organizations   |
| 35    | NHAI    | National Highways Authority of India - An autonomous organization for development of National Highways |
| 36    | NHDP    | National Highways Development Project  |

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| SI.No | Acronym  | Description   |
|-------|----------|---|
| 37    | NHIIP    | National Highways Inter-connectivity Improvement Programme through the assistance of World Bank |
| 38    | NH(O)    | Development of National Highways (Original) under Plan Head                                     |
| 39    | NHs      | National Highways   |
| 40    | Non-NHDP | Non-National Highways Development Projects  |
| 41    | OR       | Ordinary Repairs through which a routine maintenance of roads is being carried out              |
| 42    | OR       |   |

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| SI.No | Acronym | Description   |
|-------|---------|---|
| 43    | PAC     | Public Accounts Committee   |
| 44    | PPP     | Public Private Paternship   |
| 45    | PR      | Periodical Renewals   |
| 46    | PWDs    | Public Works Departments of the various States through which non-NHDP Sections are being developed and maintained |
| 47    | RADMS   | Road Accident Data Management System  |
| 48    | R&D     | Research and Development  |

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| SI.No | Acronym  | Description  |
|-------|----------|--|
| 49    | R&D      |  |
| 50    | RFD      | Results Framework Document   |
| 51    | ROB      | Road Over Bridge   |
| 52    | RSF      | Road Safety Fund   |
| 53    | SARDP-NE | Special Accelerated Road Development Programme for North East Region for improving road connectivity of District Headquarters of remote places with State captials |
| 54    | SR       | Special Repairs through which special repairs to the roads/ bridges is being carried out   |

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| SI.No | Acronym | Description           |
|-------|---------|-----------------------|
| 55    | STUs    | State Transport Units |
| 56    | TSP     | Tribal Sub-Plan       |
| 57    | UN      | United Nations        |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator   | Description   | Definition  | Measurement | General Comments   |
|-------|---|---|---|-------------|--|
| 1     | [1.1.1] Completion of construction.                                     | Length of national highway to be constructed under NHDP                             | A target of 2000 km has been set  | Km          | Target has been set in view of the past trend and availability of quantum of work under implementation. Out come shall be monitored through progress report and periodical reviews |
| 2     | [1.2.1] Length to be awarded.   | Length of National Highways to be awarded for construction under NHDP               | A target of 5000 km have<br>been set  | Km          | Target is in accordance with the availability of number of approved projects and will be monitored on the basis of response from the bidders                                       |
| 3     | [1.3.1] Length of FS to be completed.                                   | Feasibility Study for techno-economic viability of the project under NHDP           | Feasibility study of 5000 km<br>will be done                                  | Km          | Target is dependent on the remaining length of National Highways under NHDP and shall be monitored through progress report and periodical reviews                                  |
| 4     | [1.4.1] Taking possession of land (area in hectare).                    | Land to be acquired for encumbrance free site for construction of National Highways | A target of 6000 Ha has been set  | На          | Target is dependent on number of projects under implementation and shall be monitored with progress report and periodical reviews  |
| 5     | [1.4.2] Handing over of land for all projects<br>awarded during 2013-14 | Acquired land is to be handed over to the developers                                | It is targetted that 95% of the land will be handed over for awarded projects | %           | Progress will be monitored through reports and periodical reviews  |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator   | Description   | Definition  | Measurement | General Comments   |
|-------|---|---|---|-------------|--|
| 6     | [1.4.3] Obtaining Environmental Clearance for all projects awarded during 2013-14     | Environmental clearances required for development of projects                                     | It is proposed to obtain<br>environmental clearances for<br>at least 95% or the project | %           | Ministry of Environment and<br>Forest will be pursue for getting<br>requisite clearances at the earliest |
| 7     | [1.5.1] IEBR (Internal & External Budgetary Resources) under 54EC and tax-free bonds. | Funds to be borrowed from the market for the development of NHDP Projects                         | About Rs.9000 crores will be borrowed   | Crore       | Amount to be borrowed is as per<br>the requirement and target set in<br>the 12th Five Year Plan          |
| 8     | [1.6.1] Completion of DPR   | Feasibility study/ Detailed Project<br>Report to be completed for projects<br>under NHDP Phase VI | Feasibility study of 1000 km<br>is targetted  | Km          | Target is safe as per the project approved and shall be monitored through progress report                |
| 9     | [1.6.2] Award of works  | Length of National Highways to be<br>awarded for upgraded to<br>Expressways                       | About 200 Km shall be<br>awarded under NHDP Phase<br>VI                                 | Km          | Target is set as per projects<br>ready for award and shall be<br>monitored regulalry                     |
| 10    | [1.7.1] Completion of length.   | Length of Non-NHDP National<br>Highways to be constructed   | About 1000 km of National<br>Highways will be completed                                 | Km          | Target is set depending on the availability of funds and quantum of work and will be monitored regularly |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator   | Description  | Definition  | Measurement | General Comments   |
|-------|---|--|---|-------------|--|
| 11    | [1.7.2] Improvement of Riding Quality (IRQP)  | Riding quality of Non-NHDP National<br>Highways to be improved                       | About 2000 km will be<br>improved                     | Km          | Target is set as per funds<br>availability and shall be monitored<br>periodically                          |
| 12    | [1.8.1] Cost of works to be sanctioned.   | Amount of works to be sanctioned for<br>development of Non-NHDP National<br>Highways | Works amounting to<br>Rs.3000 will be sanctioned      | Crore       | Target is set as per inter-se priority and availability of funds   |
| 13    | [1.9.1] Periodical and ordinary repairs (Expenditure Incurred).                             | Amount of funds to be spent for the maintenance and repairs of National Highways     | Rs.2000 crore will be spent                           | Crore       | Target is set as per inter-se priority and availability of funds   |
| 14    | [1.9.2] Periodical and ordinary repairs (length in km).                                     | Length of National Highways to be maintained and repaired annually                   | About 30000 Km will be repaired and maintained        | Km          | Quantum of work will be inter-se-<br>priority and availability of funds                                    |
| 15    | [1.9.3] Independent audit of quality of maintenance and road safety on NHs on sample basis. | Length of National Highways to be audited for quality of maintenance and road safety | Audit of 2250 Km of National<br>Highways will be made | Km          | Target is set depending on the sample basis and outcome shall be monitored on the basis of progress report |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator  | Description                                   | Definition   | Measurement | General Comments   |
|-------|--|---|--|-------------|--|
| 16    | [1.9.4] Corrective measures for maintenance and Road Safety  | Length of National Highways to be improved    | About 500 km will be<br>improved                               | Km          | Target is set as per the site requirement, inter-se priority and availability of funds |
| 17    | [1.10.1] Collection of Toll Revenue by NHAI  | Amount of toll to be collected by NHAI        | Rs.5000 crore is targetted to be collected as toll revenue     | Crore       | Target is set depending on the past trend and the sections available for tolling       |
| 18    | [1.11.1] Number of bridges to be inspected by mobile bridge inspection unit                        | Condition survey of bridges                   | About 90 bridges will be inspected for their present condition | Nos         | Target is set depending upon the quantum of work and shall be monitored periodically   |
| 19    | [1.12.1] Award of works under National Highways<br>Inter-connectivity Improvement Projects (NHIIP) | Number of contracts to be awarded under NHIIP | 10 contracts will be awarded                                   | Nos.        | Target is set as per the work plan   |
| 20    | [1.12.2] Length of works awarded under NHIIP   | Length of NHs to be awarded under<br>NHIIP    | 700 km will be awarded   | km          | target is set as per the work plan   |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| Sl.No | Success indicator   | Description   | Definition   | Measurement | General Comments  |
|-------|---|---|--|-------------|---|
| 21    | [1.13.1] Initiation of action for development of road quality index by CRRI | Study for the development of road quality index                                       | Action will be initiated for the study   | date        | Study is envisaged to be started at the end of the year                                       |
| 22    | [1.14.1] Making road construction company functional                        | A company for road construction in<br>NE region and border areas is to be<br>formed   | proposal for Company has<br>been approved and to be<br>made oprational   | Date        | The company will augment the capacity for construction of roads in NE region and border areas |
| 23    | [2.1.1] Length to be completed.   | Length of roads to be completed<br>Under SARDP-NE                                     | A target of 600 km for<br>completion has been<br>indicated under SARDP-NE<br>including Arunachal Pradesh<br>package. | Km          | Target is set on the basis of<br>quantum of work and shall be<br>monitored periodically       |
| 24    | [2.2.1] Length to be awarded.   | Length of roads to be awarded under SARDP-NE  | A target for award of 2500<br>km has been indicated  | Km          | Target is based on the balanced length available for award.                                   |
| 25    | [2.3.1] Overall Progress in %   | Construction of bridge across river<br>Brahamputra under Arunachal<br>Pradesh Package | Overall progress in % of has been indicated.   | %           | Progress will be monitored on the basis reports and periodical review                         |

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| SI.No | Success indicator   | Description  | Definition   | Measurement | General Comments                                      |
|-------|---|--|--|-------------|---|
| 26    | [2.4.1] Overall Progress in %   | Construction of Kaladan State Road under the stand alone mega project in Mizoram | Overall progress in % of has been indicated  | %           | Progress shall be monitored and reviewed periodically |
| 27    | [3.1.1] Length to be completed.   | Development of Roads in LWE affected areas                                       | A target of 800 km has been kept for completion of roads.  | Km          | Progress shall be monitored periodically              |
| 28    | [3.2.1] Length to be awarded.   | Length of projects to awarded under<br>LWE                                       | A target of 400 Km is envisaged under LWE works.   | Km          | Target is set on the basis of balanced work           |
| 29    | [4.1.1] Funds to be released.   | Amount to be released under CRF  | A target to release the fund of Rs.2400 crore under CRF is envisaged.  | Rs. Crore   | Target is set as per the availability of funds        |
| 30    | [4.1.2] Release of funds within 1 month of the receipt of Utilization Certificate | Time for release of CRF fund   | A target of 95% is envisaged to release the CRF Fund within a month of receipt of the Utilization Certificate. | %           | Target shall be monitored periodically                |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator   | Description  | Definition   | Measurement | General Comments   |
|-------|---|--|--|-------------|--|
| 31    | [5.1.1] Identification and rectification of 100 black spots on NHs through short term measures. | Identification and improvement of black spots as safety measures                 | A target of 100 black spots is set   | Nos.        | Outcome shall be monitored and review periodically               |
| 32    | [5.1.2] Preparing plans for permanent measures  | Preparation of plan for permanent<br>measures for rectification of black<br>spot | Plans will be prepared till<br>December, 2014  | Date        | Target is set as per inter-se priority and availability of funds |
| 33    | [5.2.1] To finalise action for finalization of Action Plan (as per UN commitment)               | Preparation of action plan for road safety as per UN commitment                  | It is planned to prepare action plan by December, 2014   | Date        | Nil  |
| 34    | [5.2.2] Conducting Mass awareness programmes.   | Awareness programme for improvement of road safety                               | 40000 audio video spot<br>programmes will be<br>conducted  | Nos.        | Outcome shall be monitored periodically                          |
| 35    | [5.2.3] Introduction of Bill / Government Order for creation of Road Safety Board               | It is proposed to crate Road Safety<br>Board                                     | Bill will be introduced or the<br>order will be issued by<br>December, 2014 for road<br>safety board | Date        | Nil  |

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator  | Description  | Definition  | Measurement        | General Comments                                       |
|-------|--|--|---|--------------------|--|
| 36    | [5.3.1] 1. Implementation of RADMS software on pilot basisfor collection of data on road accidents                             | Collection and maintenance of accident data using RADMS software | Project will be implemented in two on pilot basis               | No. of States      | Progress shall be monitored periodically               |
| 37    | [5.3.2] Giving wide publicity to single toll free number for emergency care, designated trauma centres and ambulance call etc. | Awareness programme about toll free number                       | About 900 number of<br>awareness programme are<br>envisaged     | Nos.               | Feedback from the users will be monitored periodically |
| 38    | [5.4.1] Grant of assistance by way of seed money for setting up of Road Safety Fund  | Assistance for the States for setting up of road safety fund     | Two States will be assisted for setting up of road safety fund  | Nos. of State      | Target is set on final basis                           |
| 39    | [5.5.1] Extension of ETC system.   | Electronic toll connection at toll plazas                        | A target of 50 toll plaza is set for electronic toll collection | Nos. of toll plaza | Effectiveness of ETC will be monitored periodically    |
| 40    | [6.1.1] Number of HMV drivers to be trained.   | Imparting training of HMV drivers                                | 30000 drivers will be trained                                   | Nos.               | Progress shall be monitored periodically               |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator  | Description                                  | Definition  | Measurement | General Comments   |
|-------|--|--|---|-------------|--|
| 41    | [6.2.1] Number of training programmes to be conducted.             | Training of State Transport Personnel        | 45 Training Programmes will be conducted  | Nos.        | Target is set as per the availability of resources and shall be monitored periodically |
| 42    | [6.3.1] Number of Driving Training Institutes to be sanctioned.    | Setting up of Driving Training<br>Institutes | Four Driving Training<br>Institutes will be sanctioned  | Nos.        | Target is set as per inter-se priority and availability of funds                       |
| 43    | [6.4.1] Number of ambulances and cranes.                           | Sanction of number of ambulances and cranes  | 25 number of ambulances and cranes will be sanctioned   | Nos.        | Target is set as per inter-se priority and availability of funds                       |
| 44    | [6.4.2] Pollution Testing Equipments.                              | Sanction of Pollution Testing<br>Equipments  | 600 Pollution Testing<br>equipments will be<br>sanctioned                                       | Nos.        | Target is set as per inter-se priority and availability of funds                       |
| 45    | [6.5.1] Issue of guidelines to the States for curbing overloading. | Measures for curbing overloading of vehicles | Guidelines will be issued to<br>the States for reduction in<br>overloading by December,<br>2014 | Date        | Effectiveness will be monitored peridically  |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator  | Description  | Definition  | Measurement | General Comments   |
|-------|--|--|---|-------------|--|
| 46    | [7.1.1] Number of centers to be sanctioned.  | Setting up of model inspection and certification centres           | Two Centres will be identified to set up                            | Nos.        | Progress will be monitored periodically                        |
| 47    | [7.1.2] Number of centers to be completed within RFD year                              | Numbers of centers to be completed                                 | Four centers will be completed during the year                      | Nos.        | Progress shall be monitored periodically                       |
| 48    | [8.1.1] Introduction of Bill / Government Order for setting up of Regulatory Authority | Setting up of Highway Regulatory<br>Authority                      | A bill will be introduced or order will be issued by December, 2014 | Date        | Nil  |
| 49    | [9.1.1] Number of STUs to be sanctioned.   | Providing Central assistance to<br>States for implementation of IT | Five number of STU will be sanctioned for implementation            | Nos.        | Progress will be monitored periodically                        |
| 50    | [10.1.1] Number of newly inducted engineers to be trained                              | Training of newly recruited Highway<br>Engineers                   | 40 newly recruited Highway<br>Engineers will be trained             | Nos.        | Target is set as per the past trend and monitored periodically |

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Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

| SI.No | Success indicator  | Description   | Definition  | Measurement | General Comments  |
|-------|--|---|---|-------------|---|
| 51    | [10.1.2] Number of existing practicing engineers to be trained | Training of practicing Highway<br>Engineers             | 900 Highway Engineers will be trained during the year       | Nos.        | Target is set as per the past trend<br>and shall be monitored<br>periodically |
| 52    | [10.2.1] Number of off-campus training to be completed.        | Off-campus training programmes to be conducted          | Ten training programmes will be conducted in various States | Nos.        | Target is set as per past trend and monitored periodically                    |
| 53    | [10.3.1] Number of non-engineers to be trained.                | Training of non-engineers involved in highways/ bridges | 300 non-engineers will be trained                           | Nos.        | Target is set as per inter-se priority and availability of resources          |

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Section 5 : Specific Performance Requirements from other Departments

| Location<br>Type      | State | Organisation Type | Organisation Name                   | Relevant Success<br>Indicator                                   | What is your requirement from this organisation | Justification for this requirement                                    | Please quantify your requirement from this Organisation | What happens if<br>your requirement is<br>not met.    |
|-----------------------|-------|-------------------|-------------------------------------|---|---|---|---|---|
| Central<br>Government |       | Ministry          | Ministry of Finance                 | [1.1.1] Completion of construction.                             | Timely approval of proposal send for appraisal  | Bids may be invited only after appraisal/ approval                    |   | Delay in award and utlimately completion of work etc. |
|                       |       |                   |                                     | [1.2.1] Length to be awarded.                                   | Timely approval of proposal send for appraisal  | Bids may be invited only after appraisal/ approval                    |   | Delay in award and utlimately completion of work etc. |
|                       |       |                   |                                     | [1.1.1] Completion of construction.                             | Adequate Budgetary support                      | Projects not viable on PPP<br>mode would be considered on<br>EPC mode |   | Maintenance and award of work would be affected       |
|                       |       |                   |                                     | [1.2.1] Length to be awarded.                                   | Adequate Budgetary support                      | Projects not viable on PPP<br>mode would be considered on<br>EPC mode |   | Maintenance and award of work would be affected       |
|                       |       |                   |                                     | [1.7.1] Completion of length.                                   | Adequate Budgetary support                      | Projects not viable on PPP<br>mode would be considered on<br>EPC mode |   | Maintenance and award of work would be affected       |
|                       |       |                   |                                     | [1.7.2] Improvement of<br>Riding Quality (IRQP)                 | Adequate Budgetary support                      | Projects not viable on PPP<br>mode would be considered on<br>EPC mode |   | Maintenance and award of work would be affected       |
|                       |       |                   |                                     | [1.8.1] Cost of works to be sanctioned.                         | Adequate Budgetary support                      | Projects not viable on PPP<br>mode would be considered on<br>EPC mode |   | Maintenance and award of work would be affected       |
|                       |       |                   |                                     | [1.9.1] Periodical and ordinary repairs (Expenditure Incurred). | Adequate Budgetary support                      | Projects not viable on PPP<br>mode would be considered on<br>EPC mode |   | Maintenance and award of work would be affected       |
|                       |       |                   |                                     | [1.9.2] Periodical and ordinary repairs (length in km).         | Adequate Budgetary support                      | Projects not viable on PPP<br>mode would be considered on<br>EPC mode |   | Maintenance and award of work would be affected       |
|                       |       |                   | Ministry of Environment and Forests | [1.1.1] Completion of construction.                             | Speedy approval                                 | Clearances required before taking the highway projects                |   | Implementation of Highway projects would              |

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Section 5 : Specific Performance Requirements from other Departments

| Location<br>Type | State | Organisation Type | Organisation Name                   | Relevant Success<br>Indicator   | What is your requirement from this organisation | Justification for this requirement                     | Please quantify your requirement from this Organisation | What happens if your requirement is not met.         |
|------------------|-------|-------------------|-------------------------------------|---|---|--|---|--|
|                  |       |                   | Ministry of Environment and Forests | [1.1.1] Completion of construction.   | Speedy approval                                 | Clearances required before taking the highway projects |   | be affected  |
|                  |       |                   |                                     | [1.2.1] Length to be awarded.   | Speedy approval                                 | Clearances required before taking the highway projects |   | Implementation of Highway projects would be affected |
|                  |       |                   |                                     | [1.4.1] Taking<br>possession of land<br>(area in hectare).                                    | Speedy approval                                 | Clearances required before taking the highway projects |   | Implementation of Highway projects would be affected |
|                  |       |                   |                                     | [1.4.3] Obtaining<br>Environmental<br>Clearance for all<br>projects awarded during<br>2013-14 | Speedy approval                                 | Clearances required before taking the highway projects |   | Implementation of Highway projects would be affected |
|                  |       |                   | Ministry of Railways                | [1.1.1] Completion of construction.   | GAD approvals                                   | Approval required before the taking ROB/RUBs           |   | Construction of highways would be affected           |

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### Section 6: Outcome/Impact of Department/Ministry

| _ | Outcome/Impact of<br>Department/Ministry   | Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies) | Success<br>Indicator                                      | Unit          | FY 12/13 | FY 13/14 | FY 14/15 | FY 15/16 | FY 16/17 |
|---|--|---|---|---------------|----------|----------|----------|----------|----------|
| 1 | Increase in the length of National Highways having 4 or more lane divided carriageway. | NHAI, State PWD & BRO   | 1.1.1 Completion of length                                | km            | 2845     | 2120     | 2000     | 3000     | 4000     |
| 2 | Enhanced connectivity in far-<br>flung and remote areas of<br>NER                      | NHAI, State PWDs and BRO  | 2.1.1 Length to be completed                              | Kms           | 260      | 363      | 600      | 700      | 800      |
| 3 | Enhanced connectivity in LWE affected areas.   | State PWDs.   | 3.1.1 Length to be completed                              | Kms           | 1049     | 545      | 1000     | 800      | 1000     |
| 4 | Formulation, implementation of policies relating to road transportation.               | , ,   | Reduction in number of accidents, injuries and fatalities | Nos. in kakhs |          |          |          |          |          |

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