

Government of Bihar
Road Construction Department

Resolution

Subject:- Bihar Road Assets Maintenance Policy, 2013.

The State Government intends to have a road infrastructure network of such optimized accessibility that would make possible travel from the remotest part of the state to the capital city of Patna in under six hours and would be at par with the best road infrastructure of country. For this purpose, the State Government has undertaken a massive initiative for road construction during the last six years by which road networking on a large-scale with upgradation and construction of roads and bridges have been done. Due to networking of over one lakh kilometers of roads in the state substantial positive changes have been achieved in areas of education, trade, agriculture and health. The Government intends to maintain the momentum with more large scale construction and upgradation of roads and bridges in future also.

With such a massive road infrastructure in place, timely and effective maintenance of the same assumes great importance. Inadequate maintenance of assets results in disruption of traffic, hampered economic growth and other activity and unnecessary increase in expenditure of operation of vehicles. For full utilisation of road assets, both constructed and under construction, proper & timely maintenance is of the essence. For this purpose, a sound Policy for maintenance and repair of Road Assets is essential. Accordingly, the State Government adopts following policy as the Bihar Road Assets Maintenance Policy.

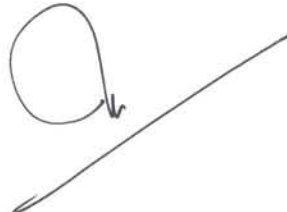
In exercise of the powers conferred by Article 39 of the Constitution of India, the State Government of Bihar hereby notifies the following policy:-

Short name, extent and commencement - (1) This Policy may be called "**The Bihar Road Assets Maintenance Policy, 2013**". (2) It shall extend to the whole of the State of Bihar. (3) It shall come into force at once.

2. Types of Maintenance works- The Following type of repair / maintenance works shall be executed during the whole design life of Road Structure:

- (i) Routine / ordinary maintenance (Pre & post monsoon works shall be identified specifically).
- (ii) Periodic Maintenance
- (iii) Special Repair
- (iv) Emergent Repair.

3. Existing Mechanism-Input based contract system is generally adopted for road assets maintenance works. In this system, the contractors execute works as per the specifications and quantities stipulated by technical departments and payments are made for the work so executed on the basis of predetermined rates.



4. **New Mechanism**-Apart from the above system, an elaborate, long term output and performance based contract system shall be adopted for maintenance of existing road assets on viability basis. This will enable long-term maintenance of road assets. The contract for long term maintenance will be normally for a period of five / nine years. However, The period of long term contract may be fixed as per need. In the event of satisfactory execution of work, the contract can be extended. Like wise in the event of unsatisfactory execution of work, the contract can be rescinded.

5. **Modes of implementation-**

5.1 Wherever possible, Public Private Partnership (PPP) system shall be adopted for development, construction and maintenance of viable road structures. Any of the following standard PPP modes may be adopted for selection of concessionaire.

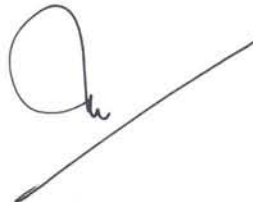
- (i) Design, Build, Finance, Operate & Transfer, or
- (ii) BOT (Toll), or
- (iii) BOT (Toll+Annuity), or
- (iv) BOT (Annuity) and the work shall be executed accordingly.

5.2 On the basis of preliminary estimation, the module/system of **Operate, Maintain & Transfer (OMT)** may be applied for maintenance of viable road structures under PPP. For maintenance of such road structures and corridor improvement etc., the selection of concessionaire may be made under OMT for a pre-determined period and at a pre-determined toll rate.

The Model Document prepared by the Planning Commission, Govt. of India for selection of concessionaires for monitoring and maintenance of roads on the basis of OMT under PPP shall be adopted. The provision for appointment of concessionaires to collect tolls at rates notified by the State Government, to maintain the roads and for payment of a determined amount from their income to the Government shall also be as per the model document. The Model Document may be adopted with amendment(s) as per necessity.

5.3 The Bihar State Road Development Corporation Ltd. (BSRDCL) and Bihar Rajya Pul Nirman Nigam Ltd.(BRPPN) will be the executing agencies for maintenance of road assets under PPP. The payment of fees for Project Development Consultant (PDC) will be borne from the agency charges payable to these corporations.

6. The maintenance work of the road structures not covered under the above model will be executed through the works divisions under the department from the budgetary provision under maintenance head.



7. Framing of detailed guidelines for execution of maintenance policy:

Detailed guidelines for implementation and operation of various aspects of the Policy will be determined by Road Construction Department. The essential methods and procedures to assist in the execution of the Annual Maintenance Programme and detailed management of various maintenance activities will be incorporated in these guidelines. These guidelines will contain the objectives of and expectations from the maintenance work to be done. The guidelines will also specify measures for effective and fruitful utilization of resources and manner of implementation for different maintenance works so that their optimum utilisation may be made. The responsibilities and the functions of officers and staff at different levels shall be well defined in these guidelines. Provisions for various procedures for contract management, road safety quality assurance, maintenance, protection, technical standards, frequency of maintenance activities, service level for each activity, permissible tolerance, maximum response time and reduction in payable amount for non compliance will be made in the guidelines. Necessary amendments may be made in the provisions of the guidelines by the Road Construction Department on the basis of experiences.

8. Dispute Resolution:

Resolution of any dispute(s) arising under the contract will be done in accordance with the provisions of Bihar Public Works Contracts Disputes Arbitration Tribunal Act, 2008.

Order:- It is ordered that a copy of this Resolution be published in the special edition of Bihar Gazette and copies be sent for information & necessary action to all Departmental heads / All Divisional Commissioners, Bihar / All District Magistrates, Bihar and Accountant General, Bihar.

By order of the Governor of Bihar

**Secretary to the Government,
Road Construction Department,
Bihar, Patna.**

Note:- This English version of the "Bihar Road Assets Maintenance Policy, 2013" is mere translation of the Hindi version of "बिहार पथ आस्तिर्यो अनुकरण नीति, 2013" issued vide letter no. 1335(S), dated 21.2.13. In case of any controversies/discrepancies in respect of meaning or interpretation of any word / statement, the Hindi version shall prevail.

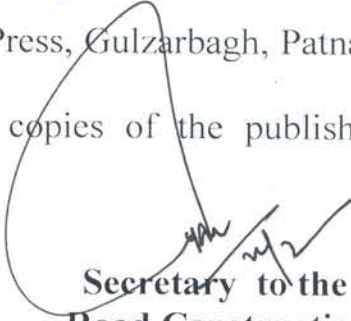
Momo No.-Pra08/Vaithak-02-35/2010- 1336(S) Patna, Dated- 21.2.13
Copy to Accountant General, Bihar, Patna for information and necessary action.

**Secretary to the Government,
Road Construction Department,
Bihar, Patna.**

Momo No.-Pra08/Vaithak-02-35/2010- 1336 (S) Patna, Dated- 21.2.13

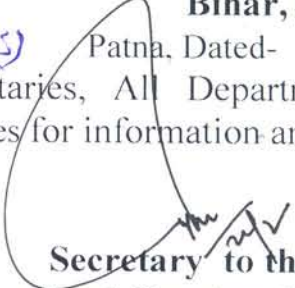
Copy to the Superintendent, Government Press, Gulzarbagh, Patna for publishing in the Special Edition of Bihar Gazette.

It is requested to make available 1000 copies of the published Gazette to the Department.


**Secretary to the Government,
Road Construction Department,
Bihar, Patna.**

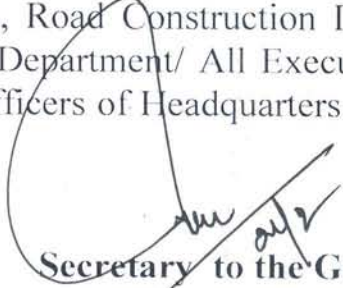
Momo No.-Pra08/Vaithak-02-35/2010- 1336 (S) Patna, Dated- 21.2.13

Copy to All Principal Secretaries/ Secretaries, All Departmental Heads/ All Divisional Commissioners/ All District Magistrates for information and necessary action.


**Secretary to the Government,
Road Construction Department,
Bihar, Patna.**

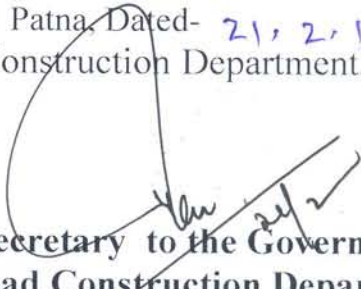
Momo No.-Pra08/Vaithak-02-35/2010- 1336 (S) Patna, Dated- 21.2.13

Copy to the Engineer-in-Chief-cum-Additional Commissioner-cum-Special Secretary, Road Construction Department/ Managing Director, Bihar Rajya Pul Nirman Nigam Ltd., Patna/ Managing Director, Bihar State Road Development Corporation. Ltd., Patna/ All Chief Engineers, Road Construction Department/ All Superintendent Engineers, Road Construction Department/ All Executive Engineers, Road Construction Department/ All gazetted officers of Headquarters for information and necessary action.


**Secretary to the Government,
Road Construction Department,
Bihar, Patna.**

Momo No.-Pra08/Vaithak-02-35/2010- 1336 (S) Patna, Dated- 21.2.13

Copy to Private Secretary to the Minister, Road Construction Department, Bihar for information and necessary action.


**Secretary to the Government,
Road Construction Department,
Bihar, Patna.**