

GOVERNMENT OF INDIA
MINISTRY OF RURAL DEVELOPMENT
DEPARTMENT OF RURAL DEVELOPMENT

LOK SABHA
UNSTARRED QUESTION NO. 426
TO BE ANSWERED ON 17.11.2016

GEO-SATELLITE MONITORING OF RURAL ROADS

**426. SHRI DHANANJAY MAHADIK:
SHRIMATI SUPRIYA SULE:
SHRI MOHITE PATIL VIJAYSINH SHANKARRAO:**

Will the Minister of **RURAL DEVELOPMENT** be pleased to state:

- (a) whether a pilot project for geosatellite monitoring of road construction has found nearly one-third of the village roads in ten districts across the country to be shorter than the sanctioned length and if so, the details thereof and the reasons therefor;
- (b) whether the Government has taken up the matter with the respective State Government in this regard and if so, the details thereof, State/UT-wise;
- (c) whether the Government has decided to universalize the monitoring system and also enter into an agreement with the National Remote Sensing Agency (NRSA) which manages India's satellite data in this regard; and
- (d) if so, the details thereof?

ANSWER
MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT
(SHRI RAM KRIPAL YADAV)

(a)to(d): In order to create a mechanism to detect the variance between the progress of implementation of the scheme and the progress reported manually/electronically by the states, on a real time basis, the National Rural Roads Development Agency (NRRDA), Ministry of Rural Development and Centre for Geo-Informatics Application in Rural Development (CGARD) of National Institute of Rural Development & Panchyati Raj, Hyderabad had entered into an Memorandum of Understanding on 16.12.2015 regarding the use of Satellite imagery for planning and monitoring of PMGSY (Pradhan Mantri Gram Sadak Yojana) roads in five States (two districts each) selected under this project. The States/districts selected under this project are:

- (1) Assam (Kamrup and Darrang Districts).
- (2) Chhattisgarh (Raigarh and Korba Districts).
- (3) Odisha (Puri and Nayagarh Districts).
- (4) Rajasthan (Jaipur and Alwar Districts).
- (5) Telangana (Nalgonda and Karimnagar Districts)

The report of CGARD based on the sample study reveals that 70 road works out of 242 road works analyzed using Satellite Imageries have variations in road length constructed vis-à-vis road length sanctioned. The district-wise such variation is given below.

State	District	No. of Roads analyzed	Variation in total Road length
Assam	Kamrup	28	6
	Darrang	33	4
Rajasthan	Jaipur	32	7
	Alwar	28	13
Chhattisgargh	Korba	32	10
	Raigarh	35	5
Telanagna	Karimnagar	11	4
	Nalgonda	17	8
Odisha	Nayagarh	20	10
	Puri	6	3
Total	10	242	70 (29%)

The report of CGARD has recently been shared with the concerned States for comments and appropriate action.

Based on the outcome of sample study in 10 districts in 5 States, the Ministry has taken a decision to universalize this intervention across all States.
