

**No.P-17024/8/2019-RC (FMS-369627)**

**Government of India  
Ministry of Rural Development  
Department of Rural Development  
Rural Connectivity Division**

Krishi Bhavan, New Delhi  
Dated the 16<sup>th</sup> February, 2022

**Minutes**

**Subject: Minutes of meeting of the Empowered Committee to discuss the project proposals for PMGSY-III submitted by the State Government of Haryana for the 2021-22 (Batch-I)- reg.**

A copy of the Minutes of the Empowered Committee (EC) meeting held on 09<sup>th</sup> February, 2022 to discuss project proposals submitted by the State Government of Haryana is forwarded herewith for information and necessary action.



(Lalit Kumar)

Deputy Secretary to the Government of India  
Tel. No. 2338 2406

**Distribution:**

1. The Additional Chief Secretary cum Vice President, HaRRIDA Room No. 306, 3<sup>rd</sup> Floor, New Secretariate, Sector-17, Chandigarh – 160017
2. The Secretary General, HaRRIDA 1<sup>st</sup> Floor, Nirman Sadan, Plot No. 1, Sector-33A, Chandigarh – 160020
3. The Executive Director- cum- Chief Engineer, HaRRIDA 2<sup>nd</sup> Floor, Nirman Sadan, Sector-33 A, Chandigarh – 160020
4. The Adviser (RD), NITI Aayog, NITI Aayog Bhavan, Sansad Marg, New Delhi.
5. The Director, Central Roads Research Institute, Mathura Road, New Delhi.
6. The Secretary General, Indian Road Congress, Kama Koti Marg, Ranjit Nagar, Sector-6, Rama Krishna Puram, New Delhi-110037
7. The Chief Engineer, Ministry of Road Transport & Highways, Parivahan Bhavan, New Delhi.
8. The Secretary, Department of Agriculture, Cooperation and Farmer's Welfare, Ministry of Agriculture and Farmers' Welfare, Krishi Bhavan, New Delhi,
9. All Directors in National Rural Infrastructure Development Agency (NRIDA), 15 NBCC Tower, 5<sup>th</sup> Floor, Bhikaji Cama Place, New Delhi-110001.

**Copy for information to:-**

Sr. PPS to Secretary (RD)/ PPS to AS (RD)/PPS to AS & FA

**MINUTES OF THE MEETING OF THE EMPOWERED COMMITTEE HELD ON 9<sup>TH</sup> FEBRUARY, 2022 TO CONSIDER THE PROJECT PROPOSALS SUBMITTED BY THE STATE OF HARYANA UNDER PMGSY-III, (BATCH-I, 2021-22)**

A Meeting of the Empowered Committee was held through Video Conferencing on **9<sup>th</sup> February, 2022** under the Chairmanship of Secretary, Department of Rural Development to consider the project proposals submitted by the State of Haryana under Pradhan Mantri Gram Sadak Yojana-III (PMGSY-III) (Batch-I) of 2021-22. Following officials were present in the meeting:-

Shri Nagendra Nath Sinha	Secretary, DoRD
Dr Ashish Kumar Goel	Additional Secretary, (RD), DoRD & DG, NRIDA
Ms. Leena Johri	Additional Secretary & FA, DORD
Shri. B C Pradhan	Consultant (Tech), NRIDA
Shri Deepak Ashish Kaul	Director (F&A), NRIDA
Dr. I.K.Pateriya	Director (P.II&III), NRIDA
Shri Pradeep Agarwal	Director (P.I), NRIDA
Shri Lalit Kumar	Deputy Secretary, MoRD
<b>State Govt. Representatives</b>	
Shri Anurag Rastogi	Additional Chief Secretary cum Vice President, HaRRIDA
Shri Nihal Singh	Chief Engineer, HaRRIDA
Shri B.S. Khokhar	Superintending Engineer cum SQC, HaRRIDA
Shri Rajeev Yadav	Executive Engineer, HaRRIDA
Shri Rishi Sachdeva	Executive Engineer-cum-Treasurer, HaRRIDA
Shri R.P. Gulati	Financial Controller

**2. Details of Proposal**

As per Pre EC dated 10.11.2021					Current proposal as per OMMAS as on 04.02.2022			
Item	No of Roads	Length (in Km)	Cost (Rs in Crore)	Avg. Cost /km (Lakhs)	No of Roads /LSB	Length	Cost (Rs in Crore)	Avg. Cost
Roads	59	621.43	325.05	52.31	56	590.45	296.57*	50.22

\*MoRD Share: Rs. 174.97 crore

State Share : Rs. 116.65 crore

- I. The State of Haryana has been allocated a target of 2,500 km under PMGSY-III. The State has already been sanctioned 1905.88 Km. The current batch of proposals submitted by the State includes 56 roads of 590.45 km worth Rs. 296.57 crore.
- II. All the proposals uploaded on OMMAS are scrutinized by STA. 10% of proposals are also scrutinized by PTA.
- III. Out of 56 roads, the state has proposed 2 roads of 3.75 m carriageway width (33.90 km) at average cost of Rs 68.53 lakh/km, 49 roads of 5.50 m carriageway width (497.51 km) at an average cost of Rs 48.96 lakh/km and 5 roads of 7.00 m carriageway width ( 59.04 Km) at an average cost of Rs. 50.40 lakh/km. All the road works included in the proposal are of 5 Km and above.
- IV. The average candidate road length is 15.35 Km and average proposed road length is 10.54 Km.

3. **Traffic wise details of road**

- (i) In 3.75 m carriageway width, 2 roads of length 33.90 Km are in T7 traffic category with pavement cost of Rs. 21.32 lakh/km and average cost of Rs. 68.53 lakh/Km.
- (ii) In 5.50 m carriageway width, 29 roads of length 332.27 km are in T7 traffic category with pavement cost of Rs. 37.31 lakh/km and average cost of Rs 43.04 lakh/Km.
- (iii) In 5.50 m carriageway width, 20 roads of length 165.25 km are in T9 category with pavement cost of Rs. 49.30 lakh/km and average cost of Rs 60.87 lakh/Km.
- (iv) In 7.00 m carriageway width, 02 roads of length 23.48 km are in T7 category with pavement cost of Rs. 33.73 lakh/km and average cost of Rs 42.37 lakh/Km.
- (v) In 7.00 m carriageway width, 02 roads of length 27.95 km are in T9 traffic category with pavement cost of Rs. 40.47 lakh/km and average cost of Rs. 53.85 lakh/km.
- (vi) In 7.00 m carriageway width, 01 road of length 7.61 km is in IRC 37 category with pavement cost of Rs. 38.60 lakh/km and average cost of Rs 62.52 lakh/Km.
- (vii) The State has already submitted ATCC and Axle road survey for roads wherever the traffic is more than 1 MSA.

4. **Existing surface length break-up**

All the proposed roads are having existing surface BT or CC. All the proposals have been verified on Geo-Sadak.

### 3. Planning

#### (i) Trace Map Cut- Quality of roads

Trace Map rank	Number of roads	%
0 to 15	43	76.78
16 to 50	11	19.64
51 to 100	02	3.57
Total	56	

#### (ii) High Priority Roads skipped in CUCPL

21 roads of high priority have not been included in the current batch on the ground that these roads are under the ownership with different department. The State representative intimated that formation width of these 21 roads are very less and, therefore, these roads have not been included in the current proposal. The State was asked to furnish road-wise justification for skipping these roads.

### 4. DPR Issues

I. The average pavement cost per km is on higher side in Karnal, Rewari and Panchkula (more than Rs. 50.00 lakh/km). The State was advised to adopt cement stabilization/ FDR to reduce the pavement cost/km.

II. 2 roads of 33.90 Km (of 3.75 m carriageway width) have been proposed in Panchkula District, with average cost of Rs. 68.53 lakh/km. The State representative intimated that these two (02) roads are in tourist destinations in hilly areas at the border of Haryana with Himachal Pradesh. The State representative attributed the higher cost to construction of breast wall and retaining wall and other protection works. It was decided to depute a team by NRIDA for inspection of these roads and suggest measures to reduce the non-pavement cost. The team will inspect all the 4 roads of Panchkula, which all have very high non-pavement cost.

III. As regards the issue of 7.50 m and 9.00 m top width for 3.75 m & 5.50 m carriageway width as per IRC guidelines, the State representative intimated that State has made provision in the DPRs for 9 m top width for 5.50 m carriageway width wherever adequate land width is available. But in most of the cases, the roadway/formation width is 7.50/7.32 mtr for intermediate lane roads i.e. 5.50 metre. The Committee was also informed that the State has been allowed to carry out

upgradation work of 5.5 m carriageway width with formation width equals to 7.50/7.32 mtr under PMGSY-I, II and III in the past.

In view of the above, the Committee decided to accept the proposal of the state and allow construction of intermediate lane (5.50 m carriageway width) with formation width of Rs. 7.32/7.50 m carriageway width. However, the State was advised to adopt suitable engineering measures and road safety measures as per IRC specifications.

IV. The state should bear extra cost over and above 5.5m wide carriageway road. The same should be suitably entered in OMMAS.

## 5. Maintenance

State has proposed Rs. 2062.33 lakh for 5 years Routine maintenance, which is 6.95% of the construction cost and agreeable. Similarly, for 6<sup>th</sup> year renewal cost is Rs. 10262.67 lakh, which is of 34.60% of the construction cost and agreeable.

## 6. R&D Proposals

Technology	No of stretches/roads	Length in Km
<b>Main stream Technology</b>		
Waste Plastic	49	477.03
<b>IRC accredited new Technology</b>		
Terrazyme for soil stabilization	04	31.95
Nano Tech. for water proofing	06	49.20
Cement concrete block	45	54.69
<b>Sub-total</b>	<b>55</b>	<b>135.84</b>

The State has proposed around 390 Km road length under T7 category. Attention of State's representative was invited to provisions of IRC SP 72:2015, which clearly indicates that the surface dressing shall be followed for the roads having traffic T5 and below and even up to T9 category and the State was advised to adopt surface dressing in at least 50% of roads proposed under T7 category (approx 200 Kms).

State has proposed 54.69 Km with CC Block/IBP. The State was advised to compare economy with other technology such as Paneled concrete, etc. and proposed suitable technology.

## 7. Status of implementation of PMGSY-I, II and III



The State has already completed PMGSY-I & II. The status of PMGSY-I, II and III in the State is as under:-

#### Roads

Intervention	SANCTIONED		COMPLETED		BALANCE		UNAWARDED	
	Nos.	LENGTH (Km)	Nos.	LENGTH (Km)	No. of Roads	Length (km)	No. of Roads	Length (km)
PMGSY-I	426	4572	426	4,565	00	00	00	00
PMGSY-II	88	1,042	88	1,016	00	00	00	00
PMGSY-III	203	1906	82	1,443	121	454	00	00
<b>Total</b>	<b>717</b>	<b>7,520</b>	<b>596</b>	<b>7,024</b>	<b>121</b>	<b>454</b>	<b>00</b>	<b>00</b>

#### Bridges

Intervention	Sanctioned (Nos.)	Completed (Nos.)	Balance (Nos.)	Un-awarded (Nos.)
PMGSY-I	00	00	00	00
PMGSY-II	18	18	00	00
PMGSY-III	00	00	00	00
<b>Total</b>	<b>18</b>	<b>18</b>	<b>00</b>	<b>00</b>

#### **8. Physical targets (2021-22) and Achievement**

The State has been allocated target for construction of 900 Km during FY 2021-22. The State has already constructed 1,220 Km road length. The State has committed construction of 1,450 Km during the current financial year.

#### **9. Maintenance of roads under Defect Liability Period (DLP)**

The State representative intimated that against the maintenance liability of Rs. 1.52 crore for FY 2021-22 for maintenance of roads under DLP, a sum of Rs. 5.00 crore has been released by the State Government and an expenditure of Rs. 2.69 crore has so far been incurred.

#### **10. e-Marg**

Under eMARG, 8 ( 10%) packages pending for locking, 9 (11%) packages are pending for MEE. Out of total 42 roads eligible for Routine Inspection during January, 2022, 2 roads ( 5%) missed Routine Inspection during January, 2022. 7 ( 10%) packages are pending for payment for more than 3 months (out of packages on which MEE done) and total 5 ( 71%) packages pending for first payment in eMARG. The State was advised to saturate progress on e-Marg.

#### **11. PMGSY-III Award analysis**

Out of the awarded works, 94 works have been awarded 0-6% below, 41 works 6-12% below, 22 works 12-18% below, 21 works 18-24% below, 5 works 24-30% below and 1 work 30% the Technical Sanctioned amount. The State was asked to analyze these works and indicate reasons for ALBs, which are awarded beyond 10% of the sanctioned/technical amount. **The State was also asked to indicate if additional Performance security has been taken in these ALBs. Further, the State was asked to take additional measures to ensure that these works are completed with prescribed quality and specifications and if need be, additional number of inspections by SQMs should be done for such works.**

#### **12. Quality Control**

I. 112 packages are presently in progress and in 01 package lab is not yet established.

II. The target for SQM inspections during 2021-22 is 1,138, against which only 594 inspections have been carried out so far. State was advised to speed up SQM inspection in order to meet the target.

#### **III. Unsatisfactory % based on NQM inspections (February, 2019-January, 2022) -**

- Completed Works - 11.10 % - 9 Completed works inspected
- Ongoing Works -3.11% - 161 Ongoing works inspected
- Maintenance works - 17.02% - 47 Maintenance Works Inspected
- Bridge Works - 0.00% - 12 Bridge works inspected

The State representative intimated that out of 9 completed works inspected, only 1 work has been graded unsatisfactory and assured that the State would take more action to improve the situation.

#### **III. Pending ATRs at State level-**

- Total - 24 ( Ongoing works-20, Completed works-04)

#### **IV. Anomalies of SQM Inspections:-**

- Side drains and cross drains are not shown with photographs, yet the SQM s graded the works satisfactory (Package No. HR 2211110, HR2211106, HR 711114, HR0111106, HR0111104).
- Work delayed, but delay columns in format are not filled-up ( Package No. HR2211106, HR711114, HR0111106).
- All columns related to lab equipments in format are not filled-up (Package No. HR2211106, HR0111106).
- Geo-tagged photographs of lab and its equipment is not uploaded (Package No.HR2011103, HR0407).

**The State was advised for orientation of SQMs to avoid repetition of such anomalies in future. ATR on the above should be submitted.**

**V.** It was brought out before the Committee that many SQMs empanelled by the HaRRIDA have not graded any work 'Unsatisfactory' out of the large number of projects inspected by them. The State was advised to review performance of such SQMs and issue necessary advisories.

#### **13. Financial Issues**

- The interest verification certificate for the financial years 2010-15 have not been submitted.

#### **14. Recommendations of Empowered Committee**

State Government to review the proposals with regard to formation width of roads and come up with the engineering measures the State Government proposed to implement on roads where required formation width are not available.

The meeting ended with a Vote of thanks to and from the Chair.

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