RW/NH-24036/27/2021-BP&SP-Part(1)
Government of India
Ministry of Road Transport & Highways
(Planning Zone)
Transport Bhawan, 1, Parliament Street, New Delhi – 110001

Dated, 28th July, 2022

Office Memorandum (through email)

Subject: - GIS mapping of all National Highways – Reg.

Ref.(i) Ministry's OM of even number, dated 03.06.2022;
(ii) Ministry's OM, dated 11.07.2022;
(iii) VC Meetings held on 15.07.2022 & 22.07.2022.

Kind attention is drawn to the OMs under reference on the above mentioned subject and the VC Meetings held with the ROs of the Ministry & NHIDCL on 15.07.2022 and 22.07.2022 regarding furnishing of alignment (KMZ / KML files) so that the process of GIS mapping of NHs network on BISAG-N Portal (PM GatiShakti National Master Plan) can be concluded urgently.

2. The status of the receipts of KMZ files for **ongoing projects** is attached herewith. It may be seen from the same that the details are yet to be received for the States of Andhra Pradesh, Chhattisgarh, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Goa, Punjab, Rajasthan, Tamil Nadu, Puducherry, Telangana and Tripura. Further, partial information has been received from State of the Bihar, Gujarat & Odisha.

3. In addition to above w.r.t. ref.(ii), it is requested to furnish additional alignment files of completed / ongoing / balance for Award projects by 30.07.2022 which are available with the respective agencies along with the **details filled in Annexure-B (these are pending for all States / UTs**).

4. All concerned Chief Engineers of Project Zones and Regional Officers are requested to accord Top Priority in furnishing balance information positively **by tomorrow (i.e. 29.07.2022) FN** so that the validation of these stretches may be concluded by 31.07.2022.

Sudip Chaudhury
Chief Engineer (Planning)

To,

All CE-ROs / SE-ROs of the Ministry

Copy to : - Sh. Ajay Patel, Project Director, BISAG-N; bisagsp7@gujarat.gov.in.

Copy for information and necessary action to:

1. Additional Secretary (Highways)
2. All ADGs
3. All JSs / CEs
4. Sh. S. S. Jha, CGM, NHAI
5. Sh. Ajmer Singh, CGM, NHAI
6. Secretary General, Indian Roads Congress
7. Director, IAHE
8. Director (NT) / SE(PL)-I / SE(PL)-II
9. NIC-for uploading on Ministry's website under "What's new"
10. Sr. PPS to Secretary (RT&H)
11. PPS to DG (RD) & SS

Dated July 11, 2022

OFFICE MEMORANDUM

Subject: GIS Mapping of projects on National Highways

As you are aware, Bhaskaracharya National Institute for Space Applications and Geo-Informatics (BISAG-N), Gandhinagar, Gujarat has done GIS mapping of approximately ~1,30,000 km of NHs in the country but the same are required to be updated and verified by field units of all the agencies for the Ministry.

1. With reference to the OM dated 3rd June 2022 from Chief Engineer (Planning), all the field units of executing agencies (such as State PWDs / RCDs, NHIDCL, BRO, etc.) were requested to verify and update the GIS mapping of all NHs under their jurisdiction by 31st July 2022.

2. As part of this exercise, MoRT&H has identified a list of projects which were completed in the past and are currently under implementation for Roads Wing and NHIDCL from Project Monitoring Information System (PMIS).

3. In connection with the above, field units of State PWDs and NHIDCL are requested to furnish the alignment (KMZ / KML) files for the identified projects (list provided in Annexure – A) latest by 15th July 2022

4. The field units shall also furnish additional alignment files of completed / ongoing / Balance for Award projects by 15th July 2022 which are available with the respective agencies along with the details filled in Annexure - B

5. The KMZ files received will be furnished to BISAG-N for uploading it on the NMP portal.

6. For any further assistance, Sh. Bidur Kant Jha, Director; 8826173057; email: bidurkant.jha@gov.in, may also be contacted in this regard

With Best Wishes,
Yours Sincerely,

Bidur Kant Jha
Director

To,
All CE-ROs / SE-ROs of the Ministry

Copy to: -
1. The Managing Director, NHIDCL, PTI Building, New Delhi – 110001
2. All Engineers-in-Chief and Chief Engineers of Public Works Department of States / UTs / Roads Construction Department / Highways Departments (dealing with National Highways)
3. Sh. Ajay Patel, Project Director, BISAG-N; bisagsp7@gujarat.gov.in

Copy for information and necessary action to:
1. Additional Secretary (Highways)
2. All ADGs
3. All JSs / CEs
4. Sr. PPS to Secretary (RT&H)
5. PPS to DG (RD) & SS

RW/NH-24036/27/2021-BP&SP-Part(1)

Government of India

Ministry of Road Transport & Highways

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated 03rd June, 2022

OFFICE MEMORANDUM

Subject : GIS mapping of all National Highways -reg.

As you are aware that GIS mapping of entire network of National Highways (NHs) is one of the most important requirement for planning, execution and monitoring of NHs network, but this important task has not been completed so far.

2. Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N), Gandhinagar, Gujarat has done GIS mapping of approximately 1,30,000 km of NHs in the country but the same are required to be updated and verified by field units of the different agencies for the Ministry. The field units of NHAI in coordination and support of BISAG-N are verifying the details.

3. Similarly the field units of the Ministry (i.e. ROs) and field units of other executing agencies (such as State PWDs/ RCDs, NHIDCL, BRO, etc.) are also required to engage themselves with BISAG-N for verification and updation of the GIS mapping of all NHs under their jurisdiction.

4. Accordingly, the ROs of the Ministry are requested to coordinate with field units of other executing agencies mentioned above to depute suitable personnel from all executive agencies / their field units including from the ROs of the Ministry in consultation with BISAG-N to: -

(i) get the details of all projects / NHs sections within their respective jurisdictions checked and mapped with GIS maps of BISAG-N;

(ii) ensure availability of relevant prerequisite details wherever feasible (e.g. available KML / KMZ files of alignments / bypasses, ROW, chainage, etc.) with field units of respective executing agencies for ready reference during interaction with BISAG-N.

5. The entire exercise may be commenced immediately in consultation with BISAG-N and completed by 31st July, 2022.

6. NHAI has almost completed the entire exercise for the NHs assigned with them with the cooperation of their field units.

7. The ROs of the Ministry are requested to coordinate with the ROs of NHAI for necessary guidance in this context.

8. For any further assistance, NHAI Nodal Officer for this assignment [Shri SS Jha, CGM (Tech); Tel : 25074100 Ext. No. 1821; M : 9234503333; email - sheoshankar@nhai.org] may also be contacted in this regard.

(Sudip Chaudhury)
Chief Engineer (Planning)

To,
All CE-ROs / SE-ROs of the Ministry

Copy to : -

1.	The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department/ Road Construction Department/ Highways Department (dealing with National Highways)	It is requested to give directions to all field units dealing with National Highways for needful action and for providing pro-active supports & cooperation to the ROs of the Ministry
2.	The Managing Director, NHIDCL, PTI Building, New Delhi-110001	
3.	The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi- 110 010	
4.	All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs/ Road Construction Department/ Highways Departments (dealing with National Highways)	
5.	The Chairperson, NHAI, G-5&6, Sector - 10, Dwarka, N. Delhi - 110 075	
6.	Sh. Ajay Patel, Project Director, BISAG-N; bisagsp7@gujarat.gov.in;	It is requested to provide necessary supports

Copy for information and necessary action to:

1. Additional Secretary (Highways)
2. All ADGs
3. All JSs / CEs
4. Sh. S. S. Jha, CGM, NHAI
5. Sh. Ajmer Singh, CGM, NHAI
6. Secretary General, Indian Roads Congress
7. Director, IAHE
8. Director (NT) / SE(PL)-I / SE(PL)-II
9. NIC-for uploading on Ministry's website under "What's new"
10. Sr. PPS to Secretary (RT&H)
11. PPS to DG (RD) & SS

Tracker for KMZ file from State ROs

#	States	Project Length (as per Annexure A)	Status of KMZ files	Project Length in KMZ files	% of network length shared as compared to Annexure A
1	Andhra Pradesh	1,465			
2	Arunachal Pradesh	773	Received	1,031	133%
3	Assam	145	Received	151	105%
4	Bihar	975	Received	346	35%
5	Chhattisgarh	1,706			
6	Dadra and Nagar Haveli And Daman and Diu	10	Received	264	78%
7	Gujarat	329			
8	Haryana	32			
9	Himachal Pradesh	315			
10	Jammu and Kashmir	2			
11	Jharkhand	392			
12	Karnataka	1,090			
13	Kerala	95			
14	Madhya Pradesh	1,450			
15	Maharashtra	6,371			
16	Goa	94			
17	Manipur	10	Received	10	101%
18	Meghalaya	73	Received	72	99%
19	Mizoram	210	Received	200	95%
20	Nagaland	181	Received	178	99%
21	Odisha	954	Received	632	66%
22	Punjab	404			
23	Rajasthan	975			
24	Sikkim	23	Received	22	93%
25	Tamil Nadu	223			
26	Puducherry	12			
27	Telangana	1,103			
28	Tripura	44			
29	Uttar Pradesh	1,002	Received	To be evaluated	-
30	Uttarakhand	461	Received	436	95%
31	West Bengal	157	Received	To be evaluated	-
	Grand Total	21,075		3,341	

Project Details for which KMZ Files are shared additionally for GIS Validation						
Sr. No.	State	Project Name	Length (in km)	Cost (in Rs. Cr.)	Status	KMZ File Shared (Y/ N)
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