



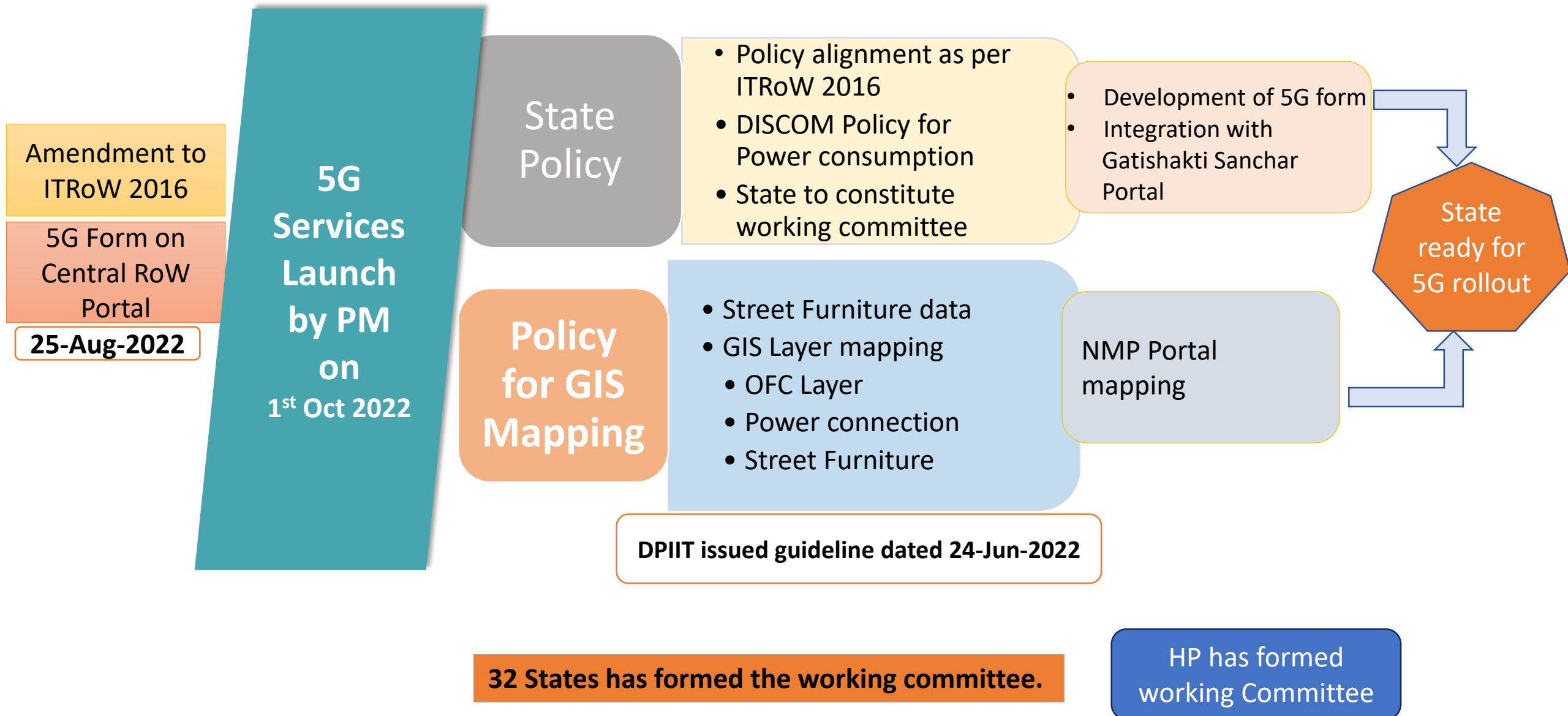
सत्यमेव जयते
Department of Telecommunications
Ministry of Communications
Government of India



Activating 5G Form on State/UT's RoW online Portal

National Broadband Mission
Department of Telecommunications
Date: 03.11.2023

Roadmap of 5G rollout



Indian Telegraph ROW Rules, 2016 and Amendment(2022)-Salient Features



Tower



OFC



Small Cell-5G



Street Furniture-5G

Administrative Charges

10,000/Tower

For Private property, only intimation

Underground
1000/KM

Overground
1000/KM

NIL

Self Establishment-
1000/
Pole

Compensation Charges

Once/annually
(Decided by appropriate authority)

NIL

Urban-
300/Pole/Yr

Rural-
150/Pole/Yr

Compensation for self established Pole
- Nil

Usage of Street Furniture for telegraph line-
100/Pole/Yr

Restoration Charges

As per CPWD rate

As per State PWD rate

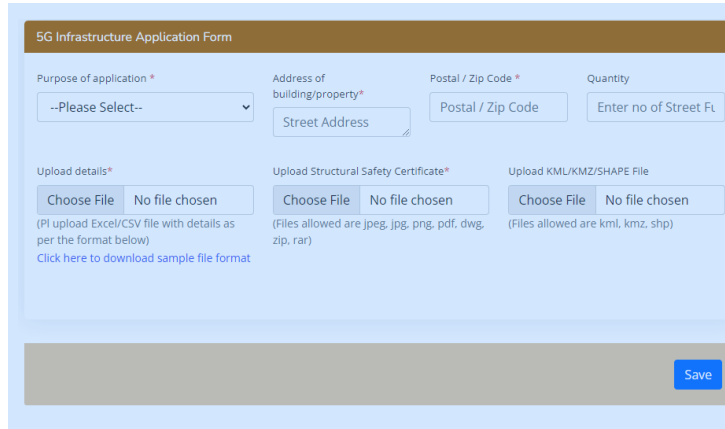
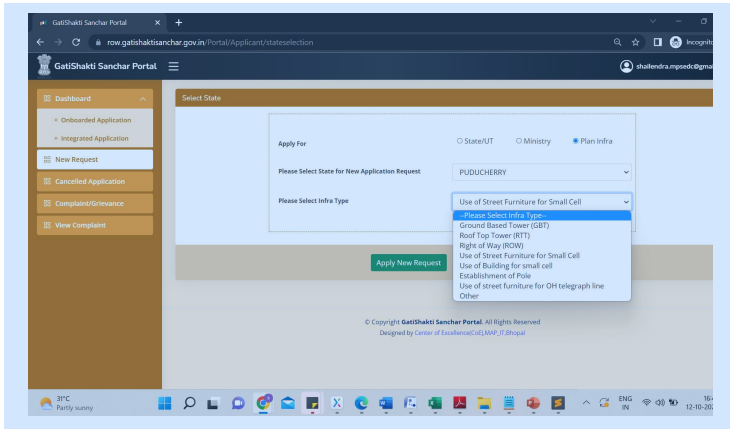
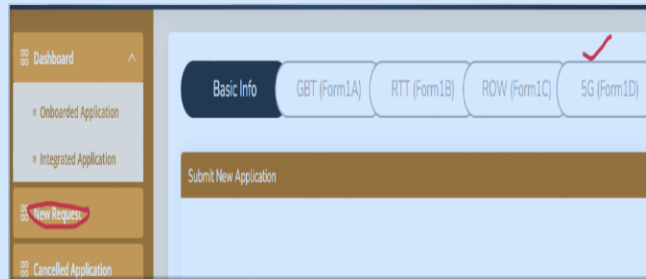
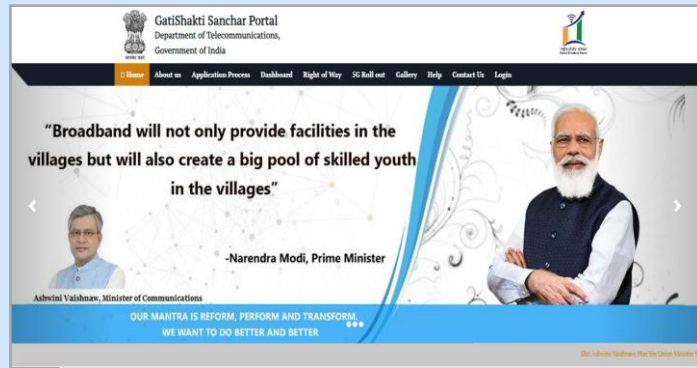
By Self-BG 20/% of restoration cost

By Local Body-
As per CPWD/PWD rate

Establishment of Telecom infrastructure on Private Property. :-

- No Permission required for private property
- Only Intimation required for Private Property (Structure Suitability required)

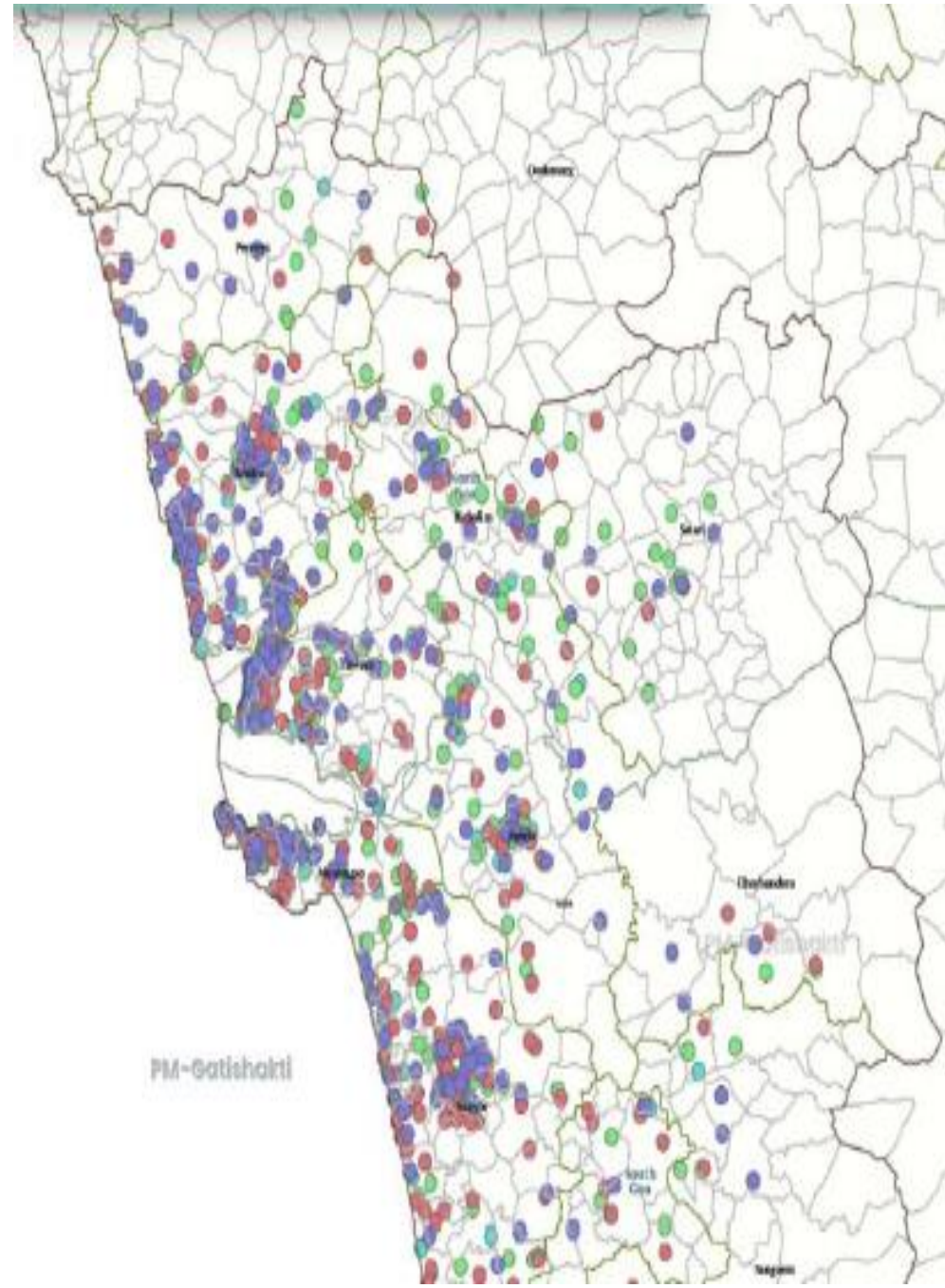
5G Form on GatiShakti Sanchar Portal



- States are requested to implement provision of 5G application form in their respective states/UTs RoW portal for receiving application and API changes is required for integration with GatiShakti Sanchar Portal

Features- Applicants

- Applicant can apply either directly or Plan the use of street furniture through a GIS map & then apply
- On the map, an applicant can select the desired area and then create Geofence where he wants to plan infra. All street furniture available within the selected area with attributes & departments shall be presented.
- He will also see a grid showing Department wise selected street furniture.
- Applicant can select the desired street furniture then download excel/kml files and proceed.
- Applicant would need to fill up columns reg 5G Small Cell proposed to be deployed in the Excel sheet (Type, Weight, Power requirement, etc)
- He can then select apply to submit the app to the desired department.



Applicant Login: New Request Plan Infra on GIS MAP or Manual data uploading

Applicant Login: New Request
Plan Infra on GIS MAP or
Manual data uploading

The screenshot displays the GatiShakti Sanchar Portal interface. The browser address bar shows the URL `row.gatishaktisanchar.gov.in/Portal/Applicant/stateselection`. The portal header includes the logo and the text "GatiShakti Sanchar Portal". A sidebar on the left contains a "Dashboard" menu with options: "Onboarded Application", "Integrated Application", "New Request" (highlighted), "Cancelled Application", "Complaint/Grievance", and "View Complaint". The main content area is titled "Select State" and contains a form for "Apply For". The form has three radio buttons: "State/UT", "Ministry", and "Plan Infra" (selected). Below these, there are two dropdown menus: "Please Select State for New Application Request" (showing "PUDUCHERRY") and "Please Select Infra Type" (showing "Use of Street Furniture for Small Cell"). A green button labeled "Apply New Request" is positioned below the dropdowns. The footer of the portal states: "© Copyright GatiShakti Sanchar Portal. All Rights Reserved. Designed by Center of Excellence(CoE),MAP_IT,Bhopal". The Windows taskbar at the bottom shows the date and time as "12-10-20" and the temperature as "31°C Partly sunny".

GatiShakti Sanchar Portal

row.gatishaktisanchar.gov.in/Portal/Applicant/stateselection

GatiShakti Sanchar Portal

shailendra.mpsedc@gmail

Dashboard

- Onboarded Application
- Integrated Application
- New Request
- Cancelled Application
- Complaint/Grievance
- View Complaint

Select State

Apply For

☐ State/UT ☐ Ministry ☒ Plan Infra

Please Select State for New Application Request

PUDUCHERRY

Please Select Infra Type

Use of Street Furniture for Small Cell

--Please Select Infra Type--

- Ground Based Tower (GBT)
- Roof Top Tower (RTT)
- Right of Way (ROW)
- Use of Street Furniture for Small Cell
- Use of Building for small cell
- Establishment of Pole
- Use of street furniture for OH telegraph line
- Other



Apply New Request


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Designed by Center of Excellence(CoE),MAP_IT,Bhopal


31°C Partly sunny


12-10-20


Plan Infra on GIS Map: No


 GatiShakti Sanchar Portal 


 shailendra.mps


 Dashboard


 Onboarded Application

 Integrated Application

 New Request

 Cancelled Application

 Complaint/Grievance

 View Complaint

Essential Parameters

PUDUCHERRY

District*

PONDICHERRY

Land Type*

Government

Area Type*

Urban

Department*

Electricity Department

Proceed

Reset

5G Infrastructure Application Form

Purpose of application *

Use of Street Furniture for Small Cell

Address of building/property*

Postal / Zip Code *

Quantity

Upload details*

Choose File

No file chosen
(PI upload Excel/CSV file with details as per the format below)
[Click here to download sample file format](#)

Upload Structural Safety Certificate*

Choose File

No file chosen
(Files allowed are jpeg, jpg, png, pdf, dwg, zip, rar)

Upload KML/KMZ/SHAPE File

Choose File

No file chosen
(Files allowed are kml, kmz, shp)

Save

5G Form for Manual Uploading														
SN	States	City Name	Street Furniture Type	Latitude	Longitude	Authority	Street Furniture Id/Name	Street Furniture Height	Required Mounting Height of small cell	Structure Type of Street Furniture	Class	Street Furniture Power Consumption(W)	Usage of street furniture for installation of telegraph line	Street Furniture Regularization
1	Delhi	Delhi	Pole	23.2323	86.54	MPEB	3045	8	5	RCC	State Governm ent	80	Yes	
2	UP	Lucknow	Pole	23.2323	86.54	MPEB	3045	9	7	PCC	State Governm ent	90	Yes	
3	Gujrat	Gandhinagar	Bus Shelter	23.2323	86.54	MC Bhopal	ISBT	10	6	Steel	State Governm ent	80	No	
4	MP	Bhopal	Government Building	23.2323	86.54	CPW	Guest House	15	9		Central Governm ent	100	No	

Plan Infra on GIS MAP:YES

The screenshot displays the GIS MAP:YES interface. On the left, a sidebar contains a 'Widget' section with 'Submit' and 'Clear' buttons, and 'Export KML' and 'Select All' buttons. Below this is a 'Street Furniture List' with checkboxes for 'Govt Office (8)', 'Transportation (2)', and 'Feeder Pole (340)'. The 'Street Furniture Details' section shows 'Point Code : GoNa000603', 'Department : Urban Administration and Development', and 'Category : Govt Office'. The main map area shows a street grid with a blue polygon highlighting a specific region. Numerous blue location pins are clustered within this polygon, representing street furniture. A green box highlights a specific pin. The map includes various labels for streets and landmarks, such as 'Badabagh', 'BGS Honda', 'Chhuttanbhi Ki Masjid', 'GOVT HS RAFICUIA URDU', 'ICICI Bank ATM', and 'Mangalwara Road'.

Step 1 – user Selects tool to draw area

Step 2 – user draws desired area

Step 3– Street furniture available are shown

Step 4– – User Selects desired Street Furniture

Step 5 – User can download Excel/Kml file and/or submit to reach to GSS portal.

5G Form for GIS uploading

Applicant is required to update Manually																
SN	id	Street Furniture Type	Author ity	Street Furniture Id/Name	Street Furniture Height	Structure Type of Street Furniture	Class	Sub Class	Latitude	Longitude	States	City Name	Required Mounting Height of small cell	Street Furniture Power Consumption(W)	Usage of street furniture for installation of telegraph line	Street Furniture Regularization
1	83507	Nagar Nigam	UADD	42	--	--	Feeder Pole	RSJ	23.25214	77.403848						
2	83507	Nagar Nigam	UADD	42	--	--	Feeder Pole	RSJ	23.25214	77.403848						
3	83508	Nagar Nigam	UADD	41	--	--	Feeder Pole	RSJ	23.25172	77.403468						
4	83508	Nagar Nigam	UADD	41	--	--	Feeder Pole	RSJ	23.25172	77.403468						
5	83509	Nagar Nigam	UADD	40	--	--	Feeder Pole	PCC 8	23.25168	77.403284						
6	83509	Nagar Nigam	UADD	40	--	--	Feeder Pole	PCC 8	23.25168	77.403284						
7	83510	Nagar Nigam	UADD	38	--	--	Feeder Pole	PCC 8	23.25161	77.403267						
8	83510	Nagar Nigam	UADD	38	--	--	Feeder Pole	PCC 8	23.25161	77.403267						
9	83511	Nagar Nigam	UADD	39	--	--	Feeder Pole	HBEA M 13	23.25165	77.403272						
10	83511	Nagar Nigam	UADD	39	--	--	Feeder Pole	HBEA M 13	23.25165	77.403272						
11	83512	Nagar Nigam	UADD	37	--	--	Feeder Pole	RSJ	23.2514	77.402946						

SOP for 5G street Furniture mapping on NMP Portal

Layer name	Sub Layer Name	Attribute Name	Attribute Type	Allowed Value	Mandatory	Restricted
5G street furniture	36 sub-layers of each of 28 states & 8 union territory	Street Furniture Type	String	Any	YES	NO
		Authority	String	Any	YES	NO
		State/U.T.	String	Valid State or UT name	YES	NO
		City Name	String	Valid City	YES	NO
		Street Furniture Id/Name	String	Any	NO	NO
		Street Furniture Height	Integer	Any	NO	NO
		Structure Type of Street furniture	String	Any	NO	NO
		Class	String	Any	NO	NO
		Latitude	Float	Lying within Indian & respective district boundary	YES	NO
		Longitude	Float	Lying within Indian & respective district boundary	YES	NO
		Sub Class	Integer	Any	NO	NO

State	Traffic lights	Govt. Buildings	Bus Terminals	Bus Shelters	Electric Poles
Himachal Pradesh	30	0	62	-	1,48,874



For support, please contact-
Mr. Ganesh Bakade, Director, National Broadband Mission
Mobile No-9868103831
Email Id- dir2@broadbandmission.gov.in

Thank You

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Social Media



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