

Presentation on “Updation of Comprehensive Mobility Plan (CMP)” for Pune Metropolitan Region



S. N	Name of the Stakeholder
1	Pune Municipal Corporation
2	Pimpri Chinchwad Municipal Corporation
3	PMRDA
4	Central Railway
5	PMPML
6	MSRTC
7	Traffic Division, Pune
8	Traffic Division, Pimpri Chinchwad
9	MSRDC
10	NHAI

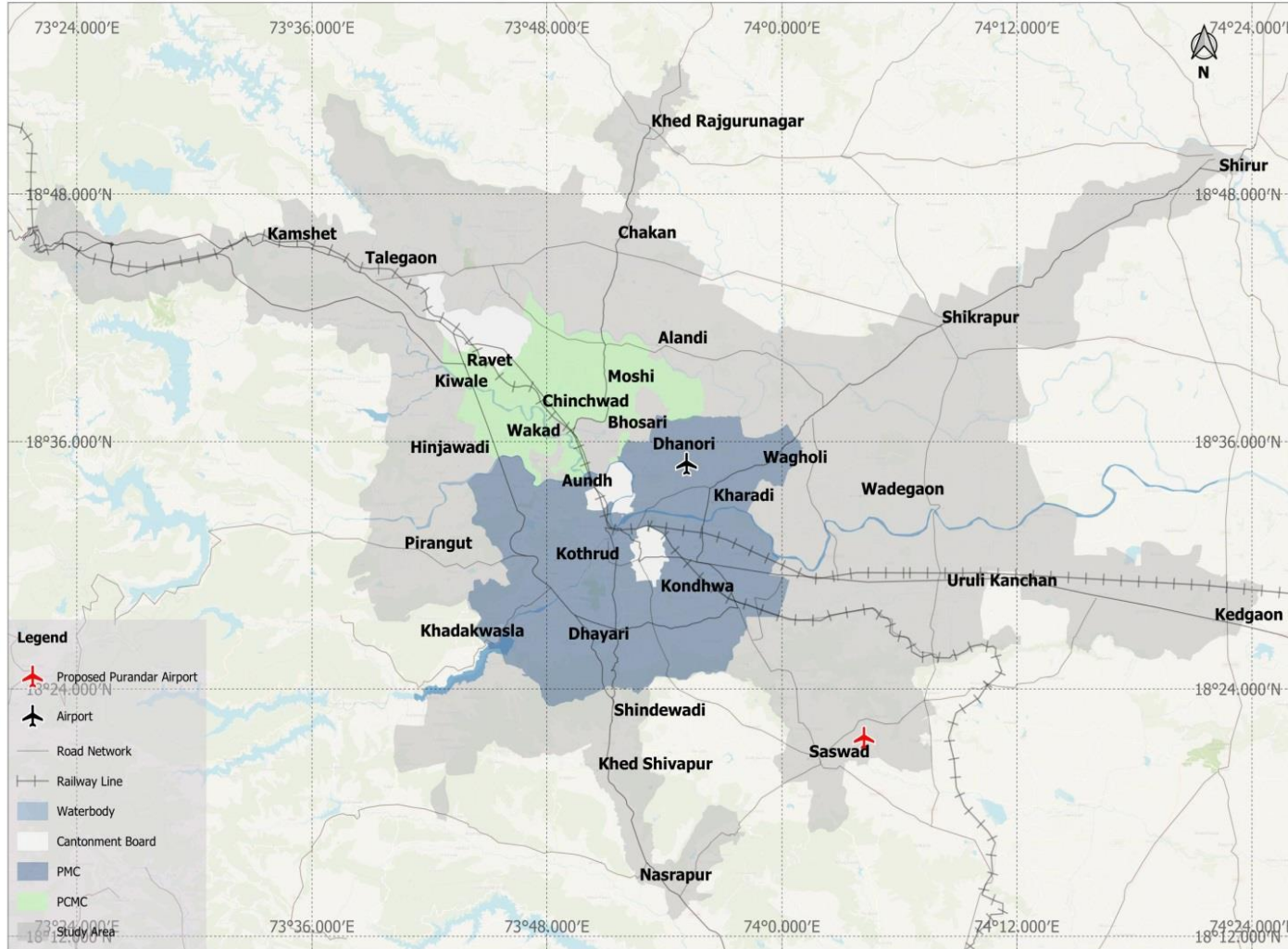
S. N	Name of the Stakeholder
11	PWD
12	MIDC
13	AAI, Pune
14	RTO, Pune
15	RTO, Pimpri-Chinchwad
16	Pune Smart City Development Corporation Limited
17	Maharashtra State Infrastructure Development Corporation
18	Maharashtra Rail Infrastructure Development Corporation
19	Dehu Cantonment Board
20	Kirkee Cantonment Board

S. N	Name of the Stakeholder
21	Pune Cantonment Board
22	Superintending of Police (Rural), Pune
23	Alandi Municipal Council
24	Chakan Nagar Municipal Council
25	Rajguru Nagar Municipal Council
26	Talegaon Dabhade Municipal Council
27	Lonavla Municipal Council
28	Shirur Municipal Council
29	Saswad Municipal Council

1st Stakeholder Meeting : 12.04.2024

2nd Stakeholder Meeting : 26.08.2024

3rd Stakeholder Meeting (Public Consultation) : 10.09.2024



S. No	Name of Administrative Units	Area in Sq.km
A Urban Center's in PMR		
1	Pune Municipal Corporation	519
2	Pimpri – Chinchwad Municipal Corporation	181
3	Municipal Council	95
4	Cantonment Board	63
5	Urban Centers	96
Sub-Total (A)		954
B Special Planning Area		
1	MADC	9
2	MIDC	98
Sub-Total (B)		108
C Villages Under Urban Growth Centers		
Sub-Total (C)		1483
Grand Total (A+B+C)		2545
Total Study Area		~2550

Source: https://www.pmrda.gov.in/pmrda_background

Population (in Lakhs)

Area	2011	2024	2034	2044	2054
PMC	35.53	46.27	54.25	63.27	71.81
PCMC	17.27	33.69	48.48	66.05	77.19
Cantonment	1.99	1.99	2.19	2.29	2.39
Rest of PMR	12.06	21.80	28.61	35.06	41.33
Total	66.87	103.78	133.55	166.69	192.74

Employment (in Lakhs)

Area	2011	2024	2034	2044	2054
PMC	14.56	19.98	23.58	28.15	32.66
PCMC	6.76	14.82	21.33	29.85	36.44
Cantonment	0.80	0.80	0.94	1.03	1.07
Rest of PMR	5.42	10.07	14.10	17.68	20.87
Total	27.52	45.69	59.70	76.72	91.06

Population & Employment Forecast has been carried out based on Past Growth Trends, Existing and Proposed Landuse as per Development Plan, Growth Direction and Accessibility.

Vision for CMP

To establish Pune as “India’s most livable habitat characterized by a people centric sustainable environment with seamlessly integrated land-use and transportation system that prioritize convenient mobility, maximum accessibility and users’ safety”.

Goal	Description	Target
Mode share	PT shall account for 50% of all person trips.	30 years
	NMT shall account for 35% of all person trips.*	10 years
Accessibility to Public Transport	At least 80% of the population within 500 m of Bus Stop (Frequency : 12 buses/ hour) .	5 years
	At least 50% of the population within 500m from MRT Station	10 years
Jobs near transit	At least 60% of jobs within 500m of Bus Stop (Frequency : 12 buses/ hour)	5 years
	At least 40% of jobs within 500 m from MRT Station	10 years
Parking	On-street parking on arterial/sub-arterial roads shall be based on parking fees.	
	▪ Phase-1: 30% of the roads	5 years
	▪ Phase-2: 50% of the roads	10 years
	The study area will establish market-based parking fees and implement IT-based systems for fee collection and enforcement	5 years
Electric Vehicle Adoption	To achieve an EV penetration rate :	
	• 10% all vehicle segments	
	• 10% Two Wheelers	5 years
	• 20% Three Wheelers	
	• 5% Four-wheelers	
	• 25% Electrification of PMPML bus fleet.	2 years
Road Accidents	50% reduction in fatal accidents by 2030	5 years

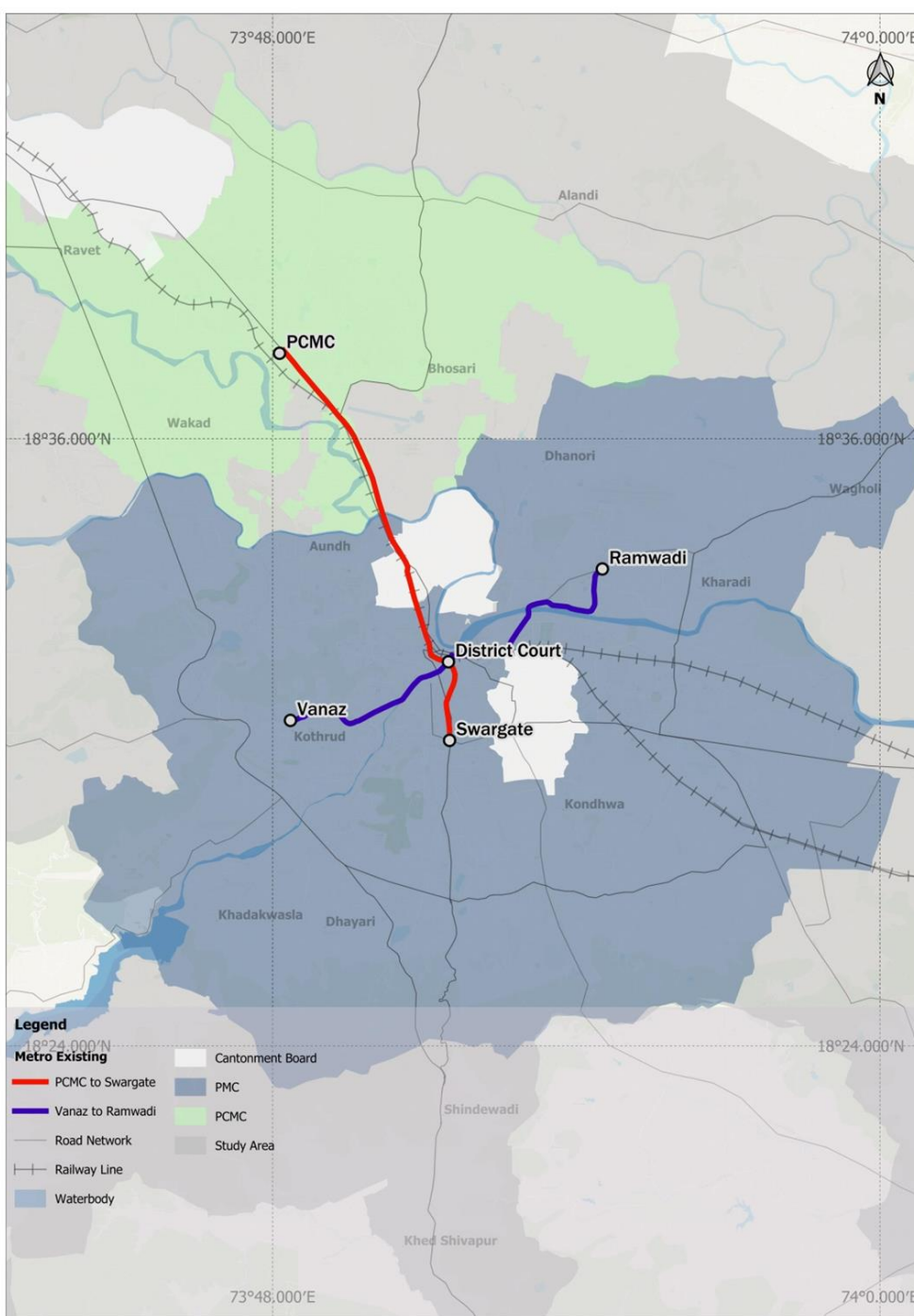
* - The 35% share of NMT mentioned is exclusive walk and cycling trips and does not include access trips to public transport. Considering 70% of access trips to public transport is by walking/cycling the total walking/cycling share will go up from 41.4% to 70% in 2054. i.e. from current 56.71 lakh to 240.04 lakh trips. This is due to the significant increase in public transport share in future. This clearly indicates the substantial increase in NMT trips in future.

Public Transport Improvement Plan

- Metro: Operational, Under construction & Proposed
- Proposed BRTS corridors
- PMPML : Bus Augmentation, New Routes, Bus Terminal & Depots
- Inter City Bus Terminal
- Railway Proposal & Airport Connectivity

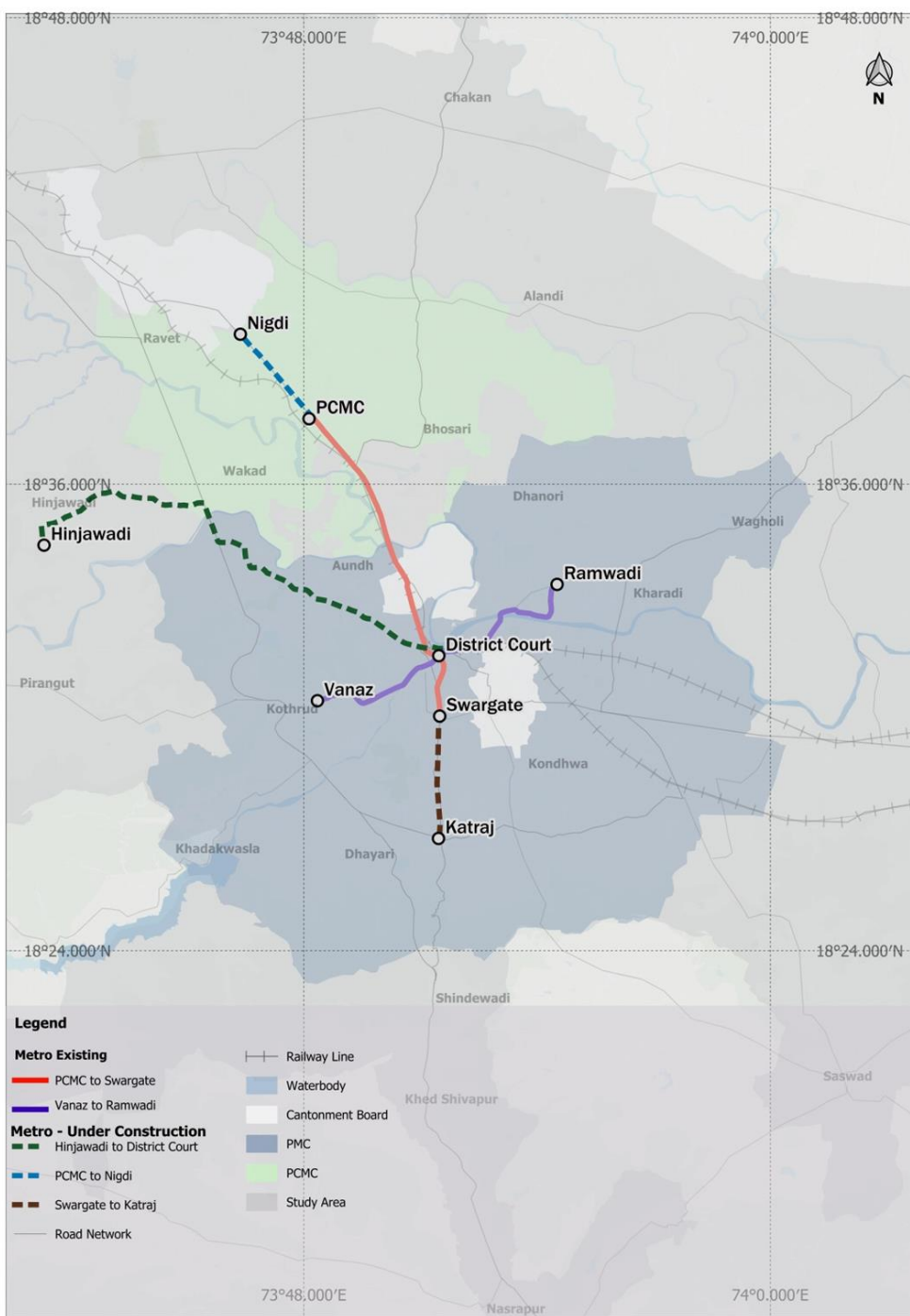


Operational Metro Lines



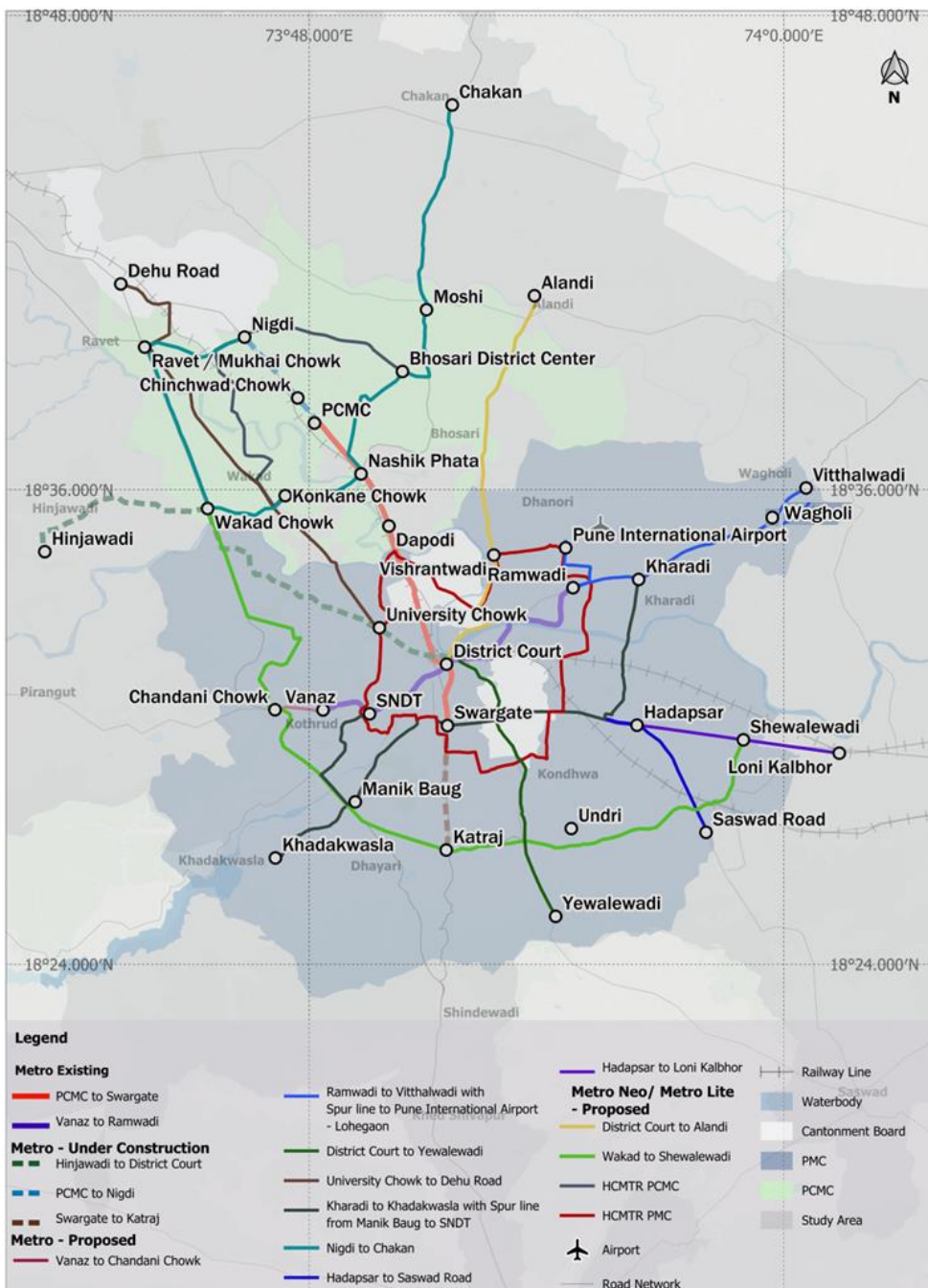
Line	Length (in Km)
PCMC to Swargate	17.4
Vanaz to Ramwadi	15.7
Total	33.1

Under Construction Metro Lines



Line	Length (in Km)
Hinjawadi to District Court (by PMRDA)	23.3
PCMC to Nidgi	4.4
Swargate to Katraj	5.5
Total	33.5

Implementing Agency: Maha Metro, PMRDA



Proposed Metro / Metro – Lite / Metro – Neo Lines

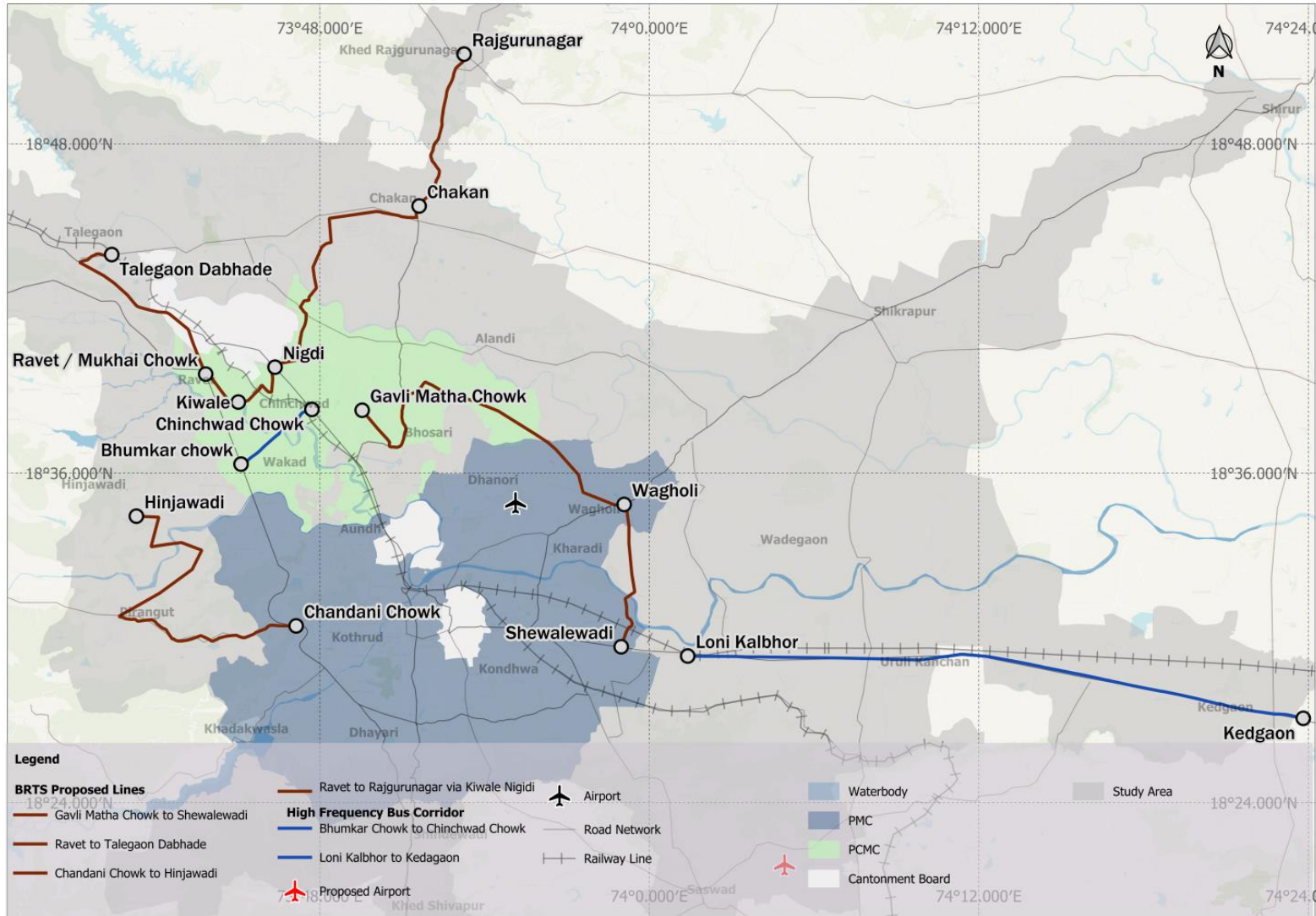
Line	Km
Metro	
Vanaz - Chandani Chowk	1.6
Ramwadi - Wagholi (Vitthalwadi) with spur line to Pune International Airport - Lohegaon	15.4
District Court – Yewalewadi (via Kondhwa, Khadi Machine Chowk)	13.7
University Chowk - Dehu Road	24.3
Kharadi – Khadakwasala (with Spur line Manik Baug – SNTD via Warje)	32.1
Nigdi – Chakan (via Wakad, Nashik Phata, Moshi)	42.6
Hadapsar - Saswad Road	7.5
Hadapsar - Loni Kalbor	10.7
Sub-Total (A)	148.0
Metro-Lite / Metro-Neo	
District Court – Alandi	20.4
Wakad Chowk - Shewalewadi (via Katraj)	42.4
HCMTR – PCMC	20.9
HCMTR – PMC	44.3
Sub-Total (B)	128.0
Total (A+B)	276

Probable Implementing Agency: Maha Metro

* - Hinjawadi to District Court is being implemented by PMRDA

Proposed BRTS Corridors

Probable Implementing Agency:
PMC / PCMC / PMRDA



BRTS corridors	Proposed DP width (m)	km	PHPDT			
			2024	2034	2044	2054
Ravet - Rajgurunagar via Chakan	30-60	37.8	2,462	3,063	5,777	7,500
Gavli Matha Chowk - Shewalewadi	60-90	36.5	2,194	4,672	7,947	9,883
Ravet - Talegaon Dabhade	18-90	14.1	971	1,826	4,091	6,289
Chandani Chowk to Hinjawadi	24-45	28.6	658	886	2,060	2,979
Total		117				

High Frequency Bus Corridors	km	PHPDT			
		2024	2034	2044	2054
Loni Kalbhor - Kedgaon	40.0	794	893	1,964	2,547
Bhumkar Chowk - Chinchwad Chowk	6.3	667	906	1,148	2,917
Total	46.3				

Existing PMPML Characteristics :

- **Existing Fleet** : 2030 (473 are electric)
- **Operational Fleet** : 1880
- **Total Routes** : 367
- **Total Trips per day** : 20,466
- **Total Ridership per day** : 12.3 lakh
- **Average age** : 8 years

89 routes have been identified for rationalization based on criteria of 80% overlap with proposed Metro & BRTS

Implementing Agency: PMPML

Proposed Fleet :

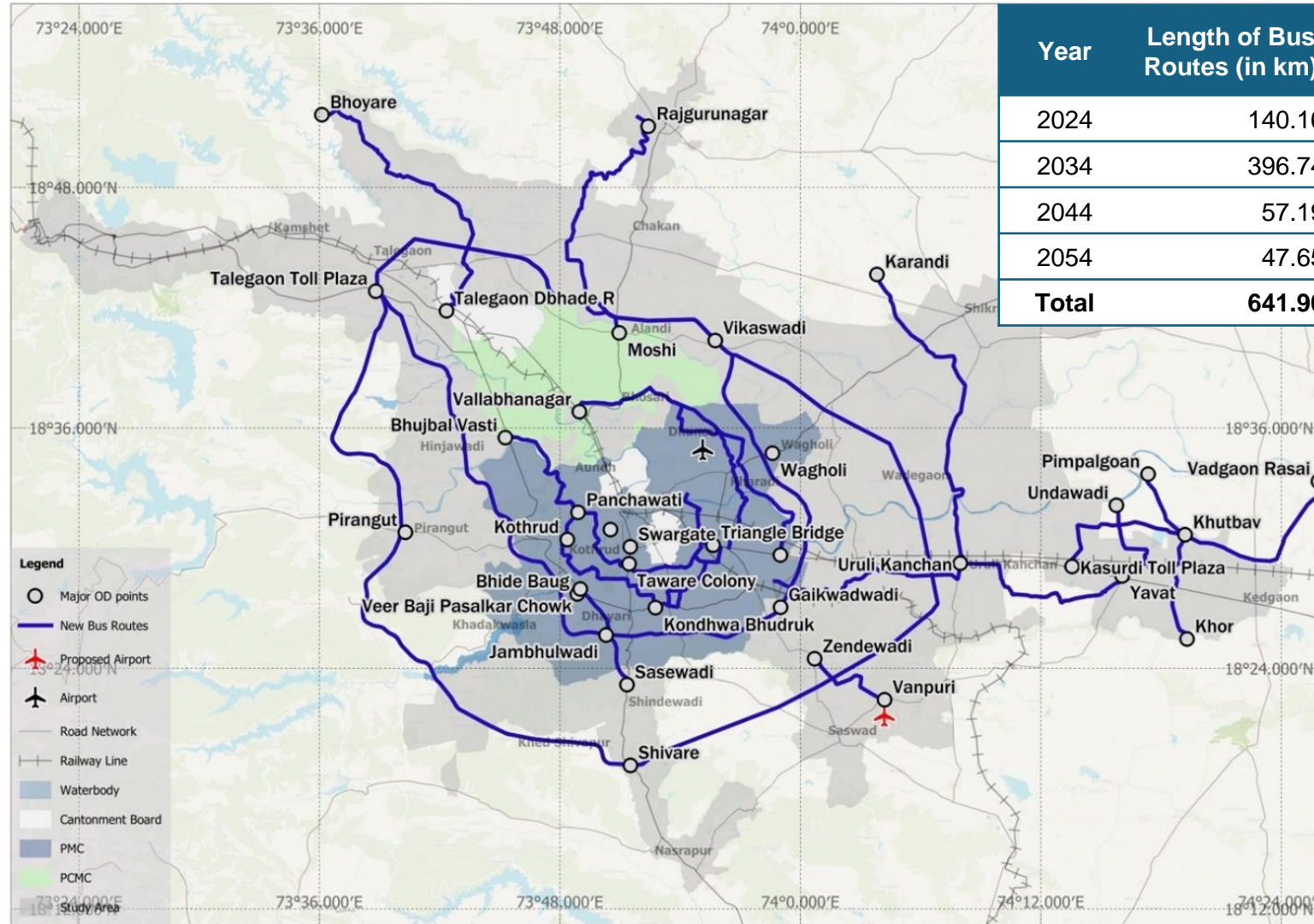
S. No	Horizon Year	Population in Lakhs	Total Number of Buses Required**	Total Number of Buses based on Demand	E-Bus Requirement
1	2024	103.79	6,228	6,500	1,625 (25%)*
2	2034	133.55	8,013	8,000	2,400 (30%)
3	2044	166.69	10,001	10,500	5,250 (50%)
4	2054	192.74	11,564	15,000	15,000 (100%)

** Total Buses based on 60 buses per lakh population, MoHUA Guidelines

*PMPML has a target of **electrifying 25% of its PT bus fleet** by 2025, as outlined in the **Maharashtra Electric Vehicle (MEV) Policy 2021**.



PMPML New Bus Routes



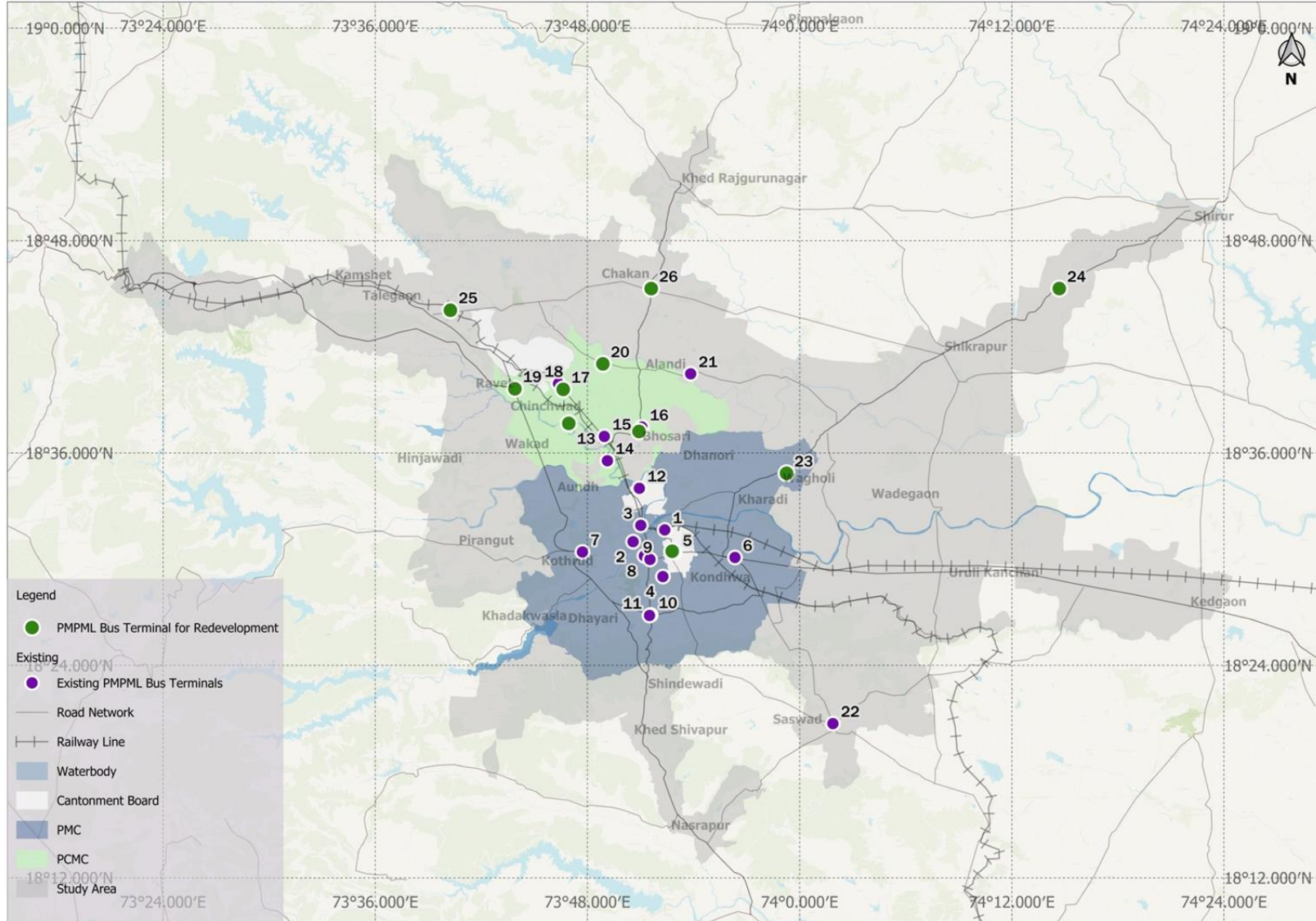
Year	Length of Bus Routes (in km)
2024	140.16
2034	396.74
2044	57.19
2054	47.65
Total	641.90

S. No	Route	Km	Year
1	Karandi to Uruli Kanchan via Pimpri Saandas	33.4	2024
2	Bhide Baug to Sasewadi via Jambhulwadi	10.7	2024
3	Zendewadi to Vanpuri via Kalewadi	9.2	2024
4	Moshi to Rajgurunagar via Mahalunge Ingale	33.3	2024
5	Kasurdi Toll Plaza to Vadgaon Rasai via Khutbav	32.2	2024
6	Phursungi to Uruli Kanchan via Sitaram Mala	21.4	2024
7	Pune Outer Ring Road via Talegaon, Pirangut, Shivare and Alandi	173.6	2034
8	Intermediate Ring Road via Talegon, Hinjawadi, Jambhulwadi and Vikaswadi	124.9	2034
9	Kothrud to Kondhwa Bhudruk via Vitthalwadi	15.2	2034
10	Vallabhanagar to Manjiri Farm via Dhanori	33.6	2034
11	Kalyani Nagar to Kondhwa Khadi Machine Chowk via Ramtekadi	16.3	2034
12	Panchawati to Taware Colony via Vakil Nagar	9.6	2034
13	Magazine Chowk to Hadapsar Gadital Bus Stand via Kharadi	23.7	2034
14	Taware Colony to Triangle Bridge via Lullanagar	9.6	2044
15	Kothrud to Bhujbal Vasti via Pimple Nilakh	17.4	2044
16	Talegaon Dabhade R to Bhoyare Via Nigade	30.2	2044
17	Uruli Kanchan to Yavat via Bori Aindi	29.7	2054
18	Pimpalgaon to Khor via Khutbav	17.9	2054
Total		641.90	12

New bus routes are proposed based on demand and connecting various origin destinations lacking direct bus connectivity.



PMPML Bus Terminals – Existing/Redevelopment

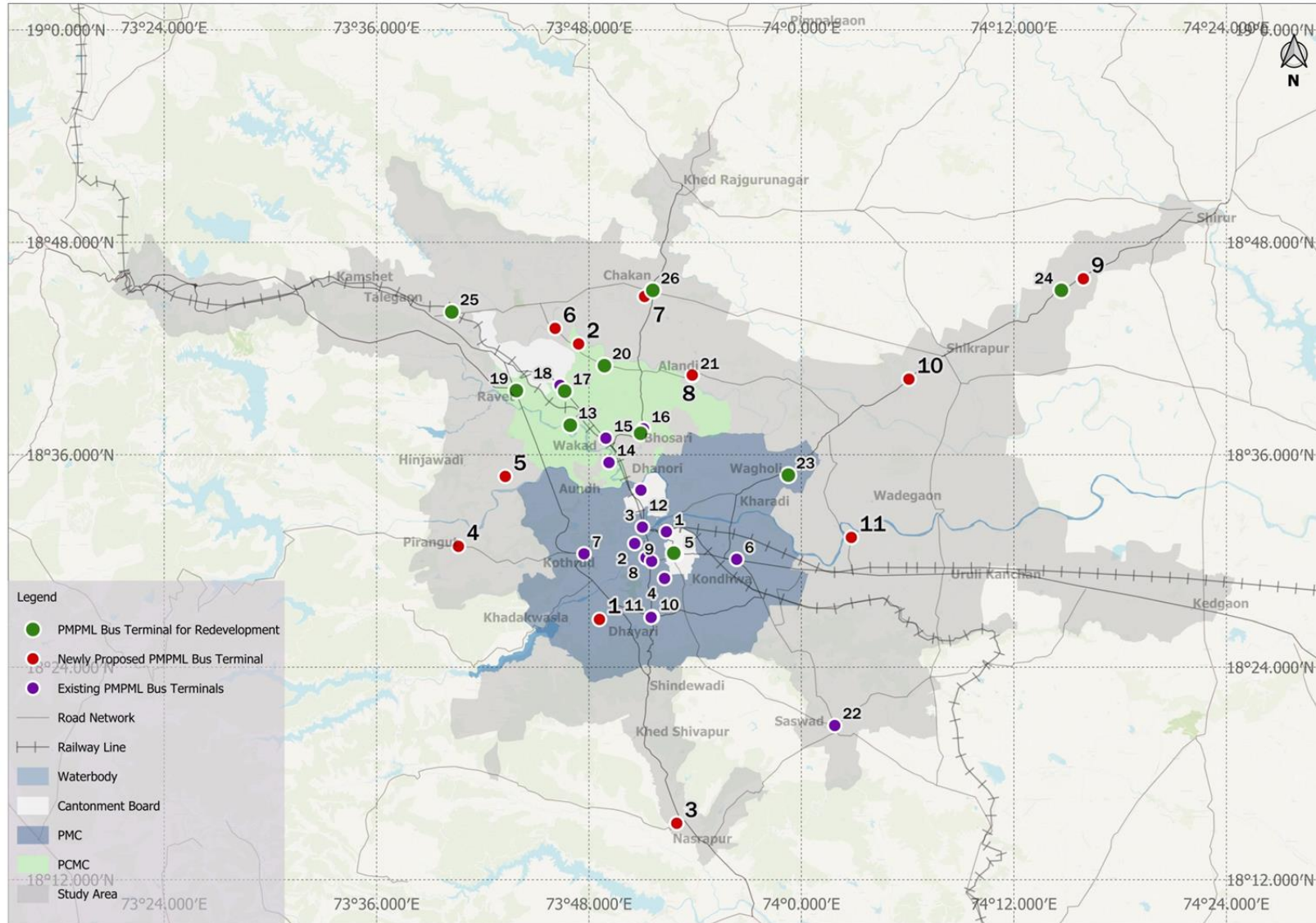


10 Terminals are Proposed for Redevelopment out of 26

S. No.	Name	S. No.	Name
1	PMC	14	Pimple Gurav
2	Deccan Gymkhana	15	Pimpri
3	Shivaji Nagar	16	Bhosari
4	Market Yard	17	Nigdi
5	Pulgate	18	Bhakti Shakti
6	Hadapsar	19	Mukhai Chowk
7	Kothrud	20	Chikali
8	Sarasbaug	21	Alandi
9	Swargate	22	Saswad
10	Katraj Zoo	23	Wagholi
11	Katraj BRT	24	Ranjangaon
12	Khadki	25	Talegaon
13	Chinchwad	26	Chakan

Strategies for Improving the Existing Bus Terminals :

- Access roads and entry/exit points
- Segregating pedestrian/vehicular movements
- Enhancing circulation
- Improving passenger amenities
- Multi-Modal integration facilities
- Enhancing signage and markings



S. No	Proposed PMPML Bus Terminals
1	Dhayari
2	Talwade MIDC
3	Nasrapur
4	Pirangut
5	Maan Mulshi**
6	Dehugaon
7	Chakan (near Chakan Bypass - Nanekarwadi)
8	Alandi***
9	Ranjangaon
10	Sanaswadi
11	Theur

* In case of Chakan Bus Terminal the existing Bus Terminal shall be shifted to Nanekarwadi near to the Chakan Bypass to decongest the junction.

** At Maan Mulshi the terminal shall be built along with depot next to the Pune Inner Ring Road.

*** Alandi bus terminal is currently under operation in a very small ground and a new terminal needs to be developed to cater to future demand.

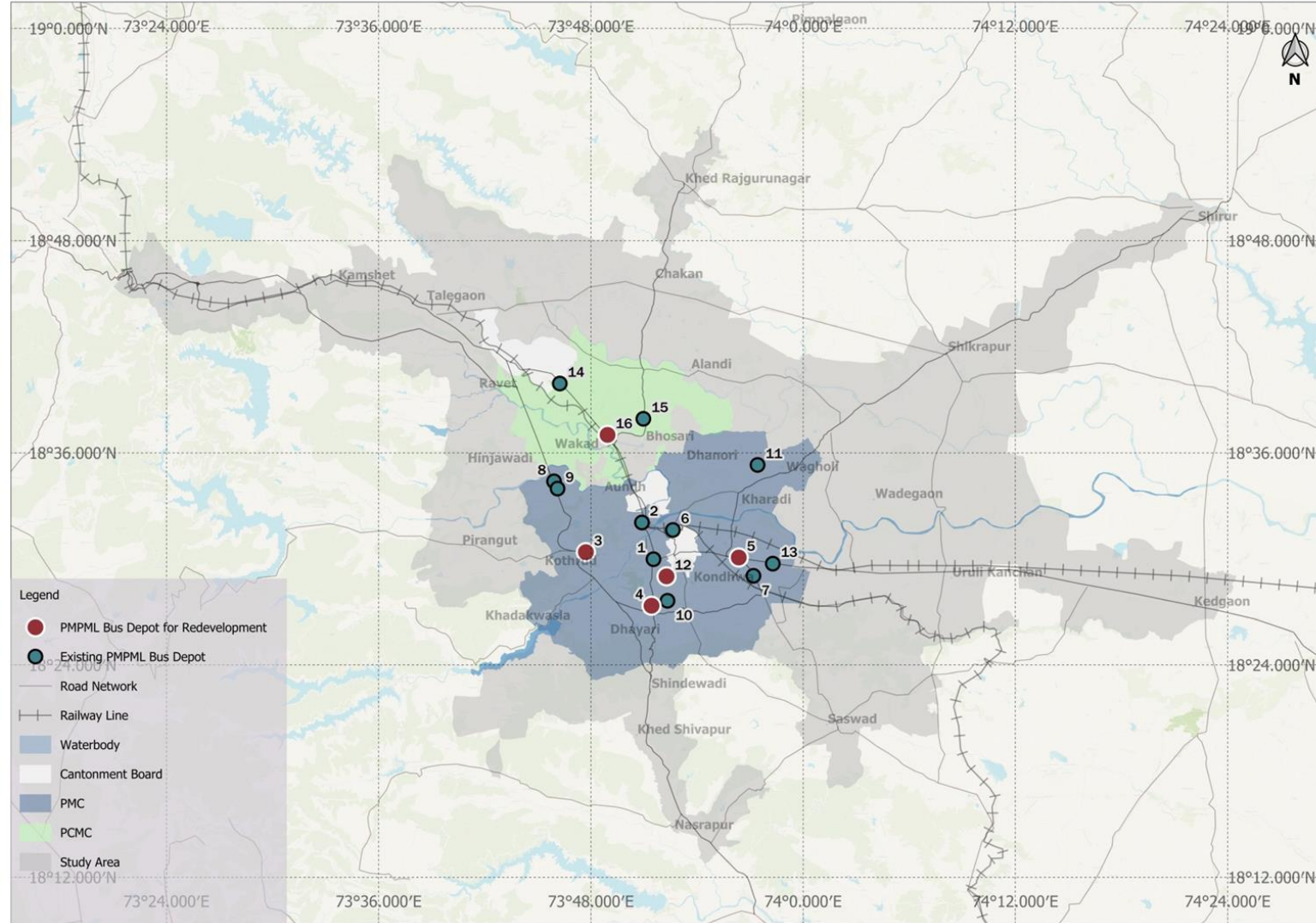


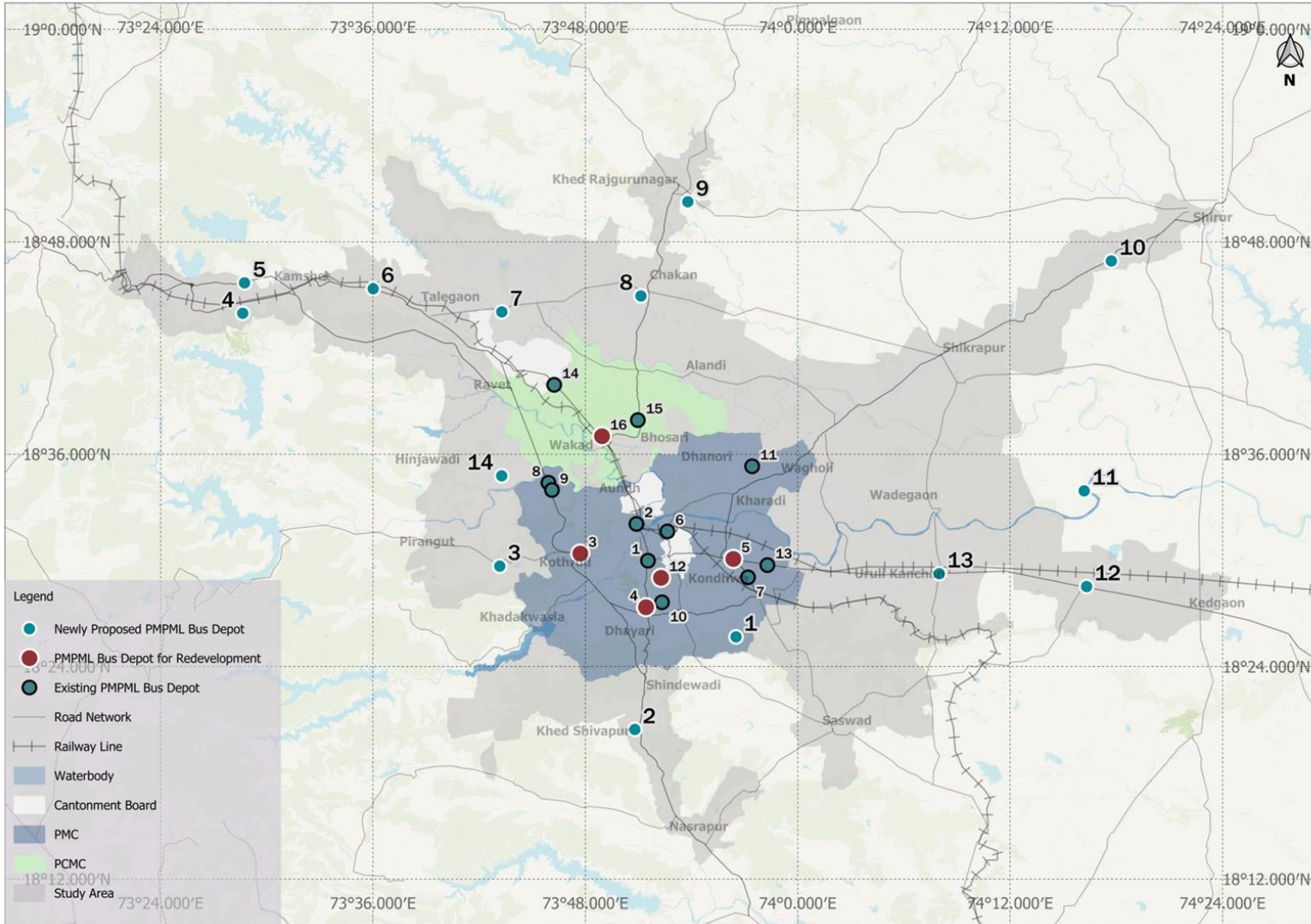
PMPML Bus Depots- Existing/ Redevelopment

5 Depots are Proposed for Redevelopment out of 16

S. No	Name of Depot	S. No	Name of Depot
1	Swargate	9	Baner
2	Shivaji Nagar (N.T. Wadi)	10	Upper Depot
3	Kothrud	11	Wagholi
4	Katraj	12	Market Yard
5	Hadapsar	13	Shewalewadi
6	Pune station (EV station)	14	Nigdi + Bhakti Shakti
7	Bhekraingar (EV station)	15	Bhosari
8	Balewadi	16	Pimpri

- Suggested locations serve as origin destination points for future routes and serve to minimize dead mileage.
- Expansion of Depot facilities through vertical development shall be explored to be able to meet future demand.



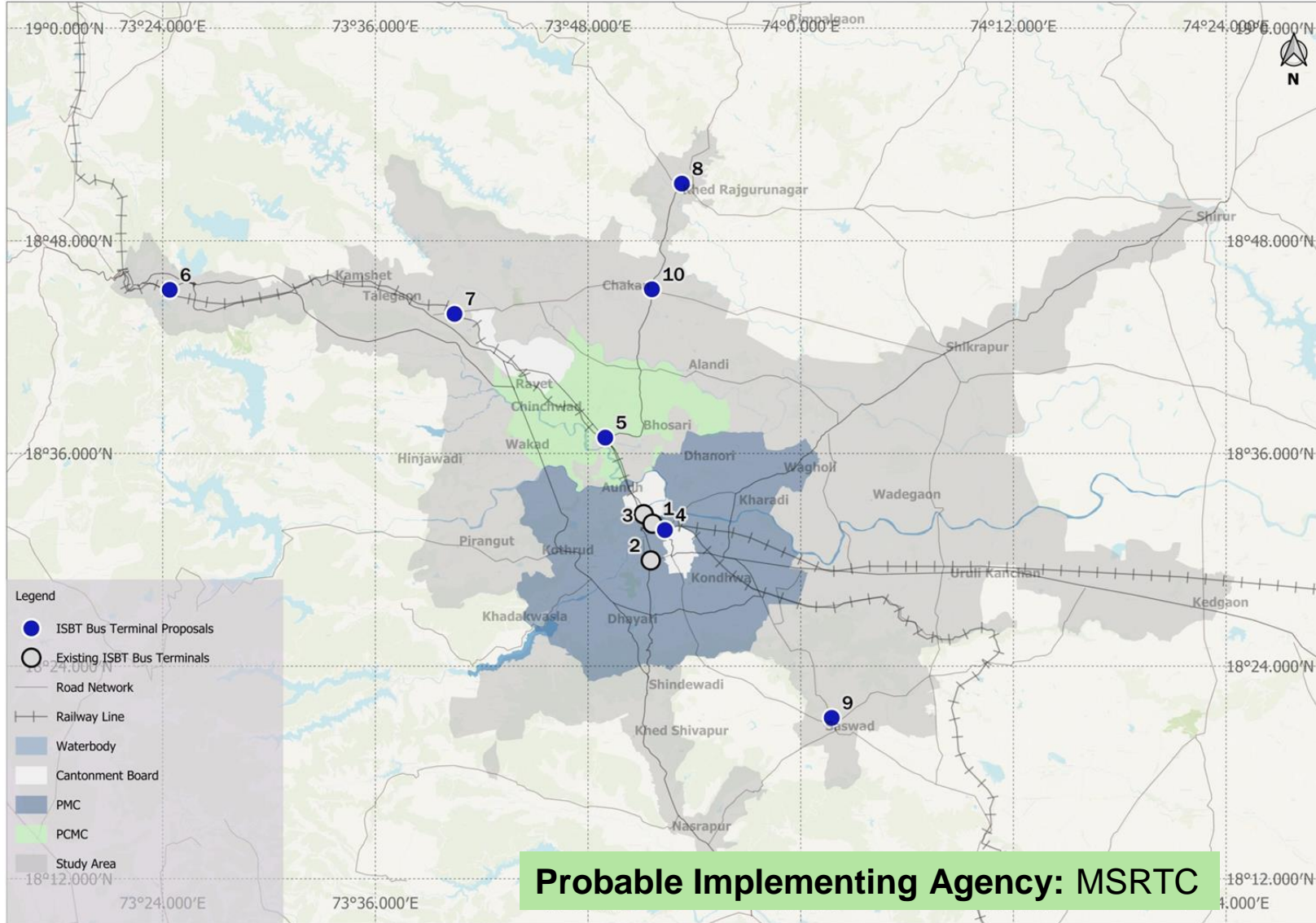


S. No	Name of Depot
1	Holkarwadi
2	Khed Shivapur
3	Bhukum
4	Bhaje
5	Karla
6	Kanhe
7	Induri
8	Nanekarwadi
9	Santosh Nagar, Khed
10	Karegaon
11	Rahu, Daund
12	Yawat
13	Uruli Kanchan
14	Maan, Mulshi*

- To reduce dead mileage and better serve the peripheral areas.
- Each Depot shall have min 2 ha land for 100 buses
- 5 ha preferable for future terminal expansion.
- Multi-storied bus parking shall be considered in case adequate land is not available.

Inter City Bus Terminals – Existing/Redevelopment

7 Intercity Bus Terminals are Proposed for Redevelopment out of 10



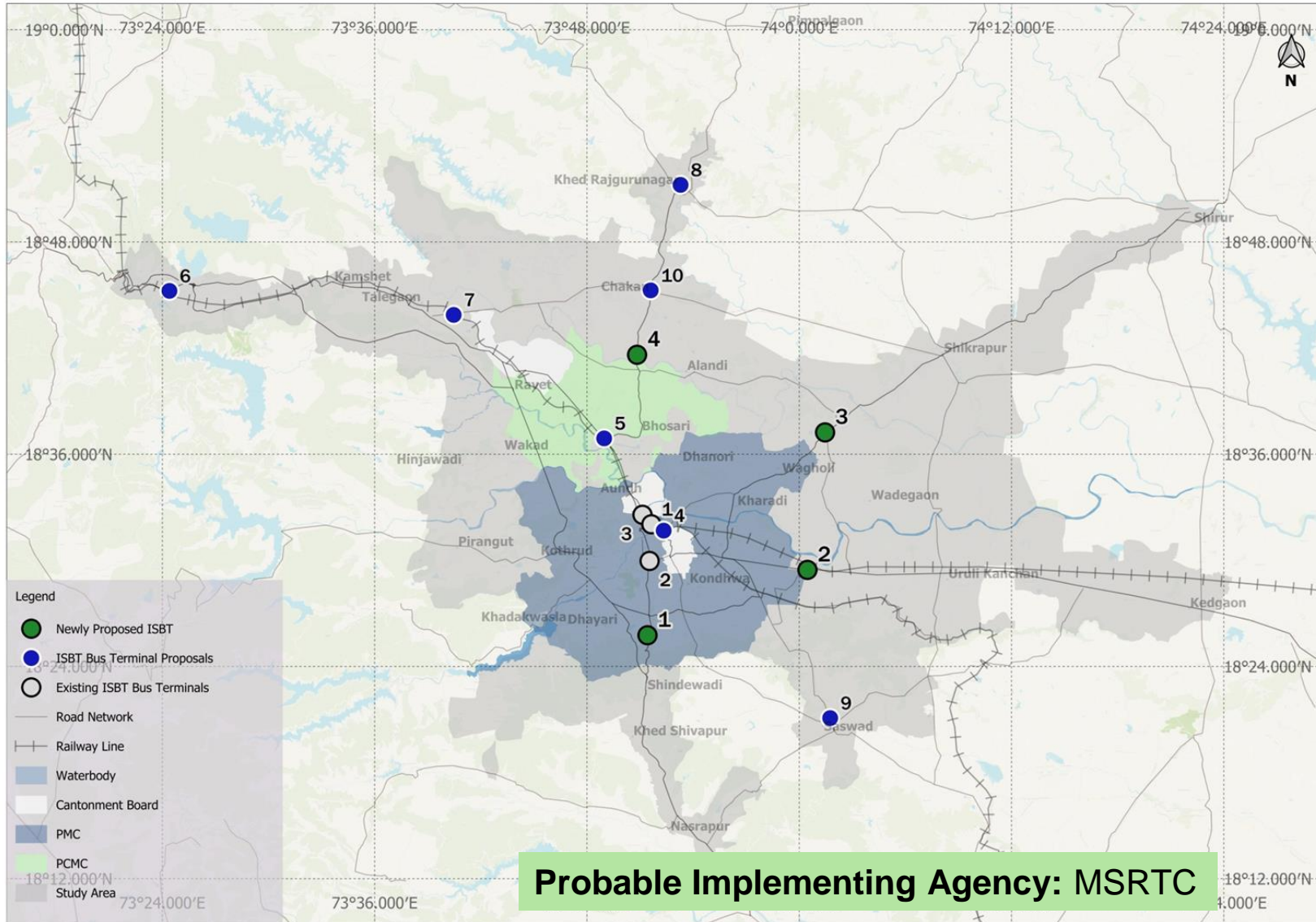
S. No	Terminals
1	Sangamwadi
2	Swargate
3	Wakdewadi
4	Pune Railway Station Bus Stand
5	Vallabh Nagar
6	Lonavala
7	Talegaon
8	Rajgurunagar
9	Saswad
10	Chakan

Strategies for improving the existing bus terminals :

- Improvement of Bus Circulation E.g. Separate entry/exit, adequate turning radius etc.
- Upgradation of Passenger Facilities (Waiting area, Seating facilities, Public facilities and lighting)
- Passenger Information System (PIS)
- Pick-up and Drop off facilities
- Parking Facilities
- Development of continuous footpaths to access the bus terminals and for internal movement
- Reorganization of facilities inside terminal to optimize the space
- Proper signage & marking
- Provisions to accommodate differently abled people



Inter City Bus Terminals -New



S. No	Terminals
1	Mangdewadi (Near Katraj)
2	Kadam Wasti
3	Loni Kand
4	Moshi

Railway Proposals- Bypass Railway Line & Airport Connectivity

Station Area Traffic Improvement Scheme (SATIS) : Pune, Shivaji Nagar, Chinchwad and Talegaon

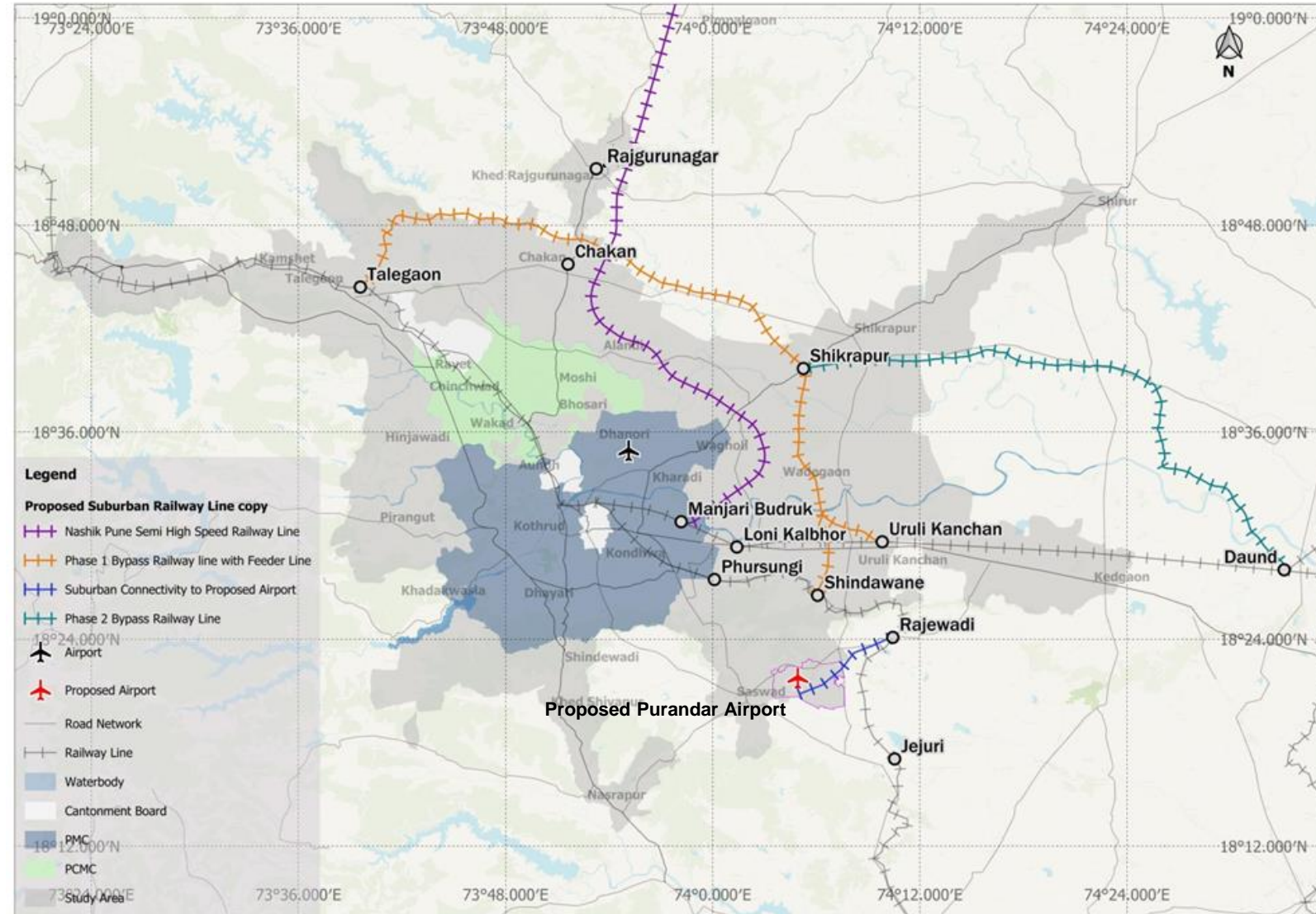
Bypass Railway Line Connecting Talegaon with Daund

- **Phase I:** Talegaon to Shikrapur, including feeder to Uruli Kanchan
- **Phase II:** Shikrapur to Daund

Two Railway stations are located near proposed Airport on Satara line i.e. **Jejuri** and **Rajewadi**. However, Rajewadi is the nearest Airport. Therefore, a spur Rail line needs to be developed from Rajewadi to Airport

After quadrupling of Lonavala Pune Railway Line the **Bypass Rail Line** can be utilized dedicatedly for goods movement.

It is proposed that **Phursungi station**, strategically located along the Pune-Miraj line, be converted into a **passenger terminal** and existing goods operations shall be relocated to **Shindawane**.



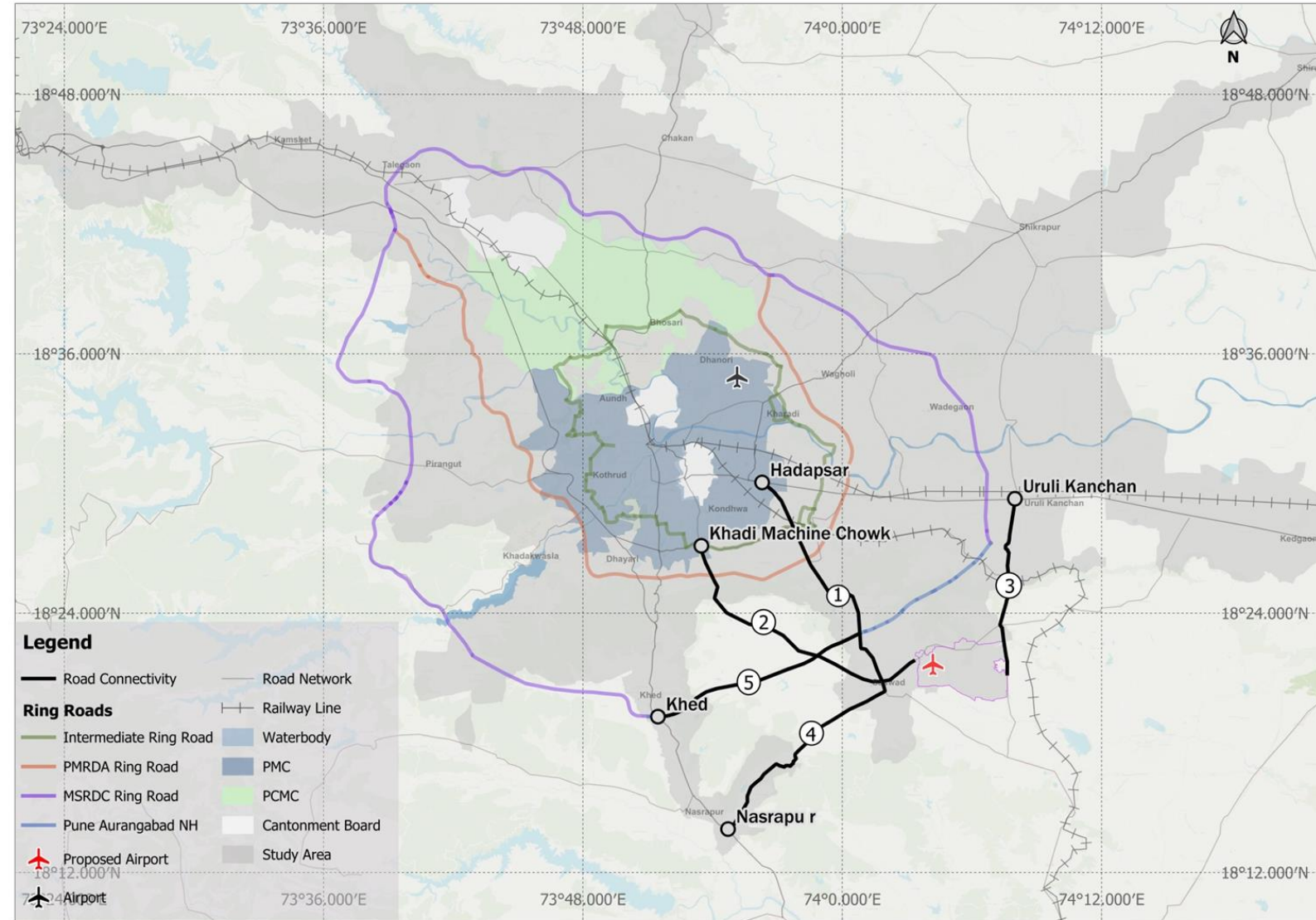
Probable Implementing Agency: Central Railways

Existing Scenario

- Passenger Traffic at Pune Airport : 8.01 million/annum
- Cargo Traffic at Pune Airport : 39,369 tonnes
- Existing Road to Airport : 2 lane configuration passing through hilly terrain & congested areas

Identified Road Improvement Proposals

- 1. Hadapsar- Saswad Road from Dive Ghat:** serves areas i.e. Hadapsar, Vimannagar, Kharadi, Wagholi, Magarpatta Area & Nagar road
- 2. Saswad- Bopdev Pune Road from Bopdev Ghat:** serves areas i.e. Kondhwa, NIBM, Wanowrie, Fatima Nagar etc.,
- 3. Uruli-Kanchan Jejuri Road:** serves areas like Uruli Kanchan Area and Solapur Road
- 4. Saswad- Kapurhol- Bhor Road:** serves areas like Nasrapur, Kapurhol and areas on Satara Road
- 5. Khed Shivapur- Saswad Link Road:** serves areas i.e. Khed, Shivapur and other areas on Satara Road



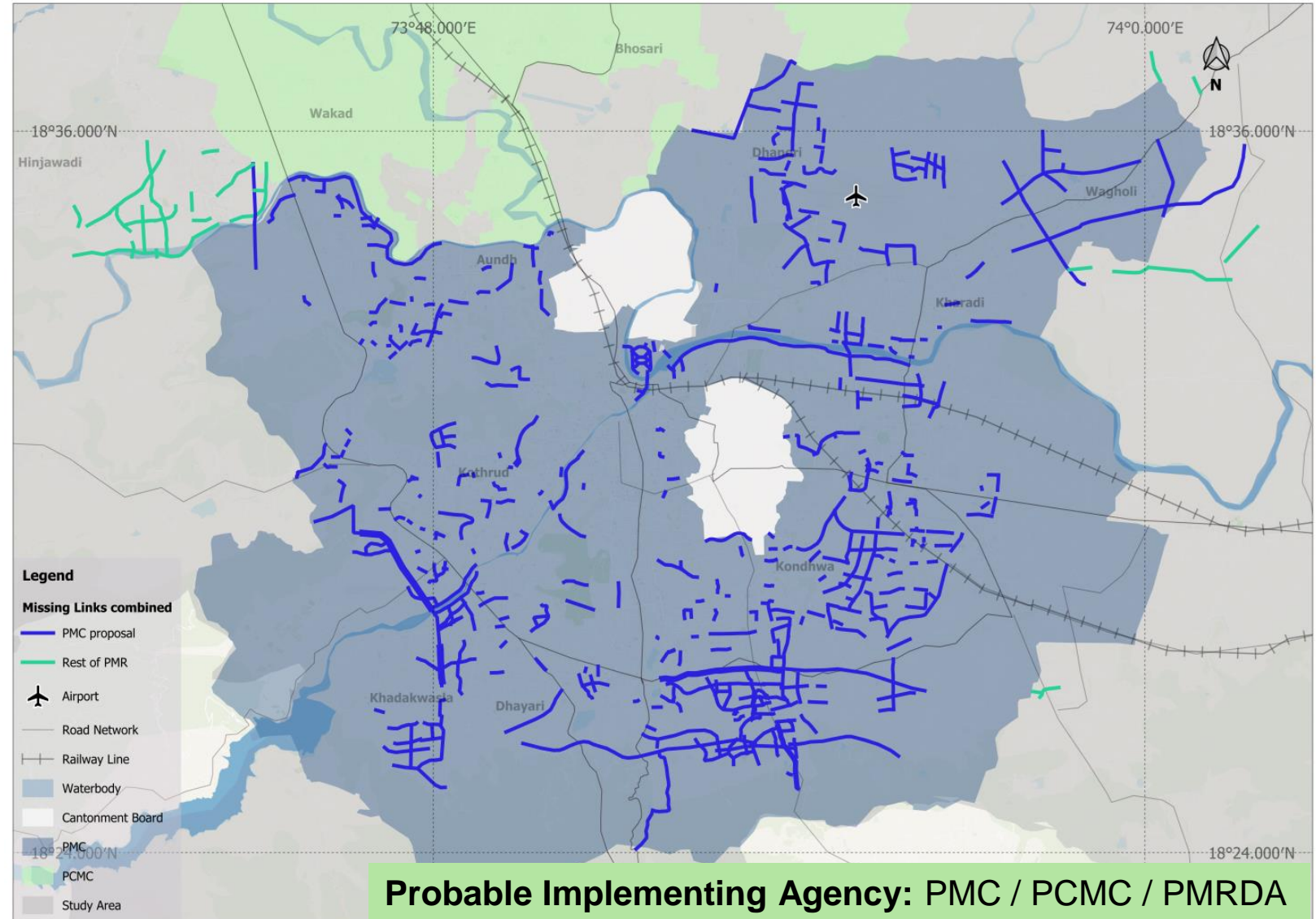
Road Improvement Plan

- Missing Links
- Ring Roads
- Grade Separators
- RoBs/ RuBs
- River Bridges
- Junction Improvement

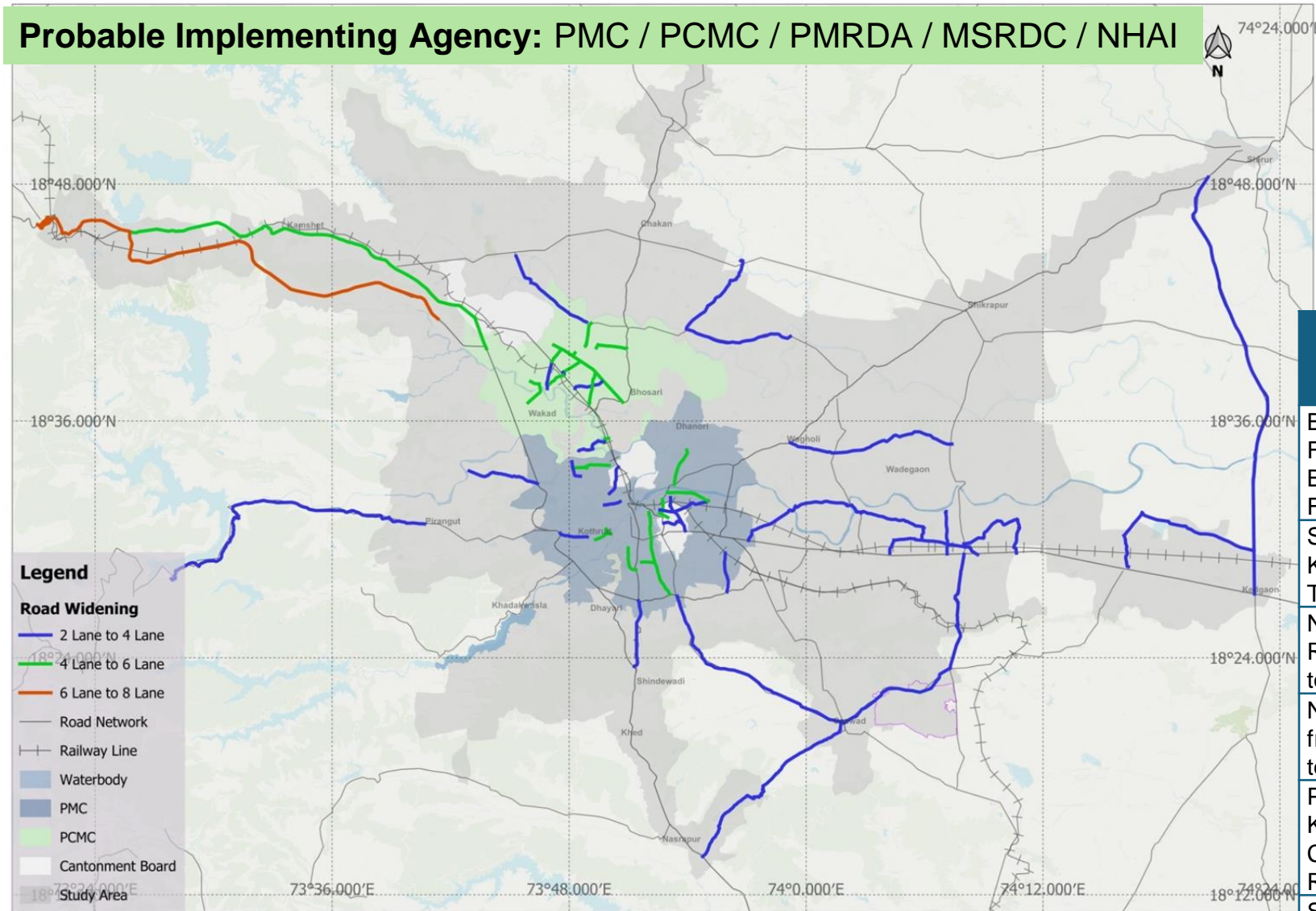


Total Missing Links
909 with a length of **552 km**

- **Proposed Missing Links in PMC**
678 missing links (with total length of 459 kms) in which 36 links (14 km) prioritized.
- **Proposed Missing Links in PCMC**
231 missing links (with total length of 93 kms) in which 12 links (16 km) prioritized.



Probable Implementing Agency: PMC / PCMC / PMRDA / MSRDC / NHAI



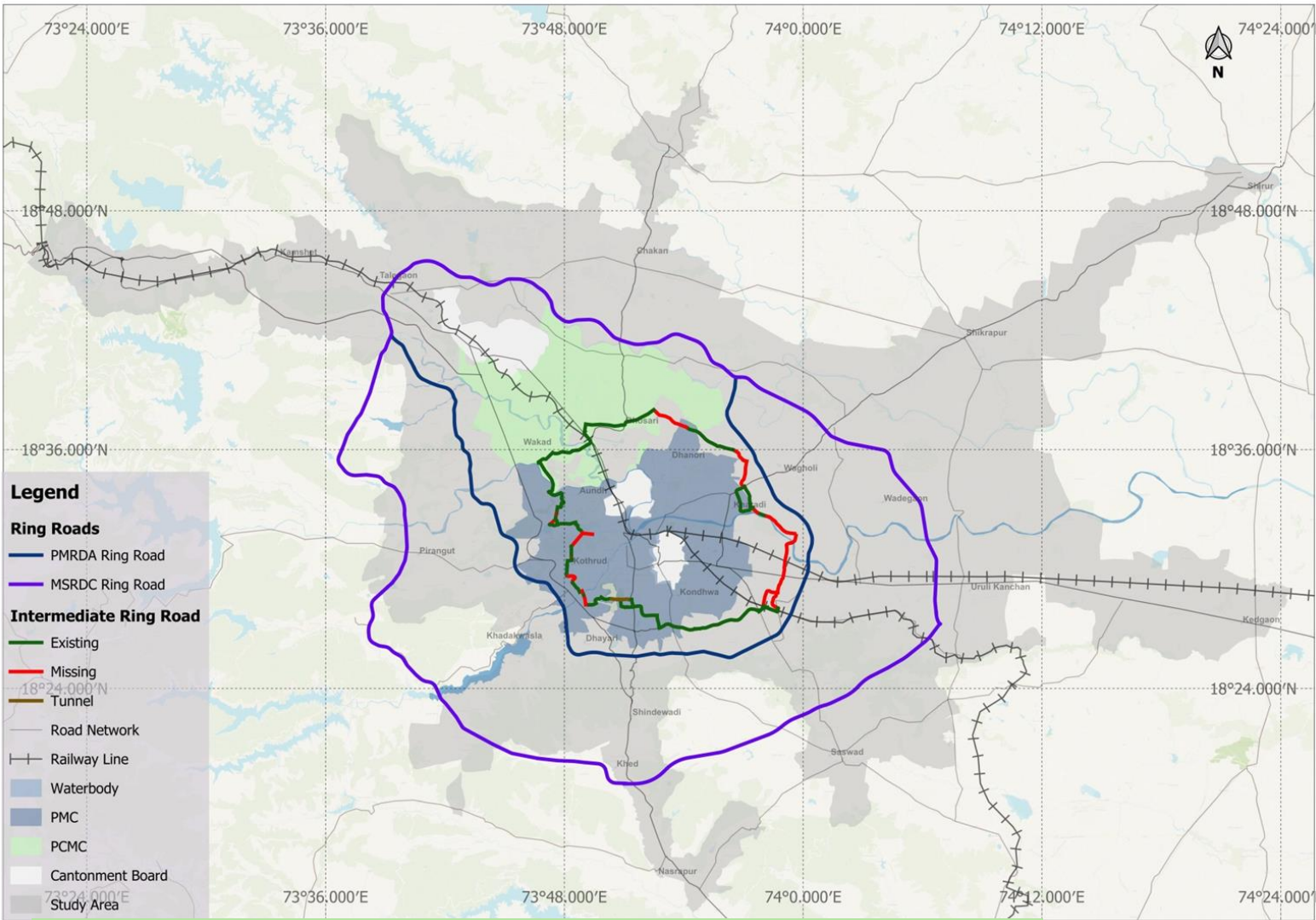
Road Widening	Length (in Km)
2 Lane to 4 Lane	283
4 Lane to 6 Lane	89
6 Lane to 8 Lane	47
Grand Total	419

Road widening proposals on Major Roads

Road Name	Length (km)	Existing Lane Configuration	Proposed Lane Configuration
Bengaluru-Mumbai Highway From Somatane Shirgaon Bridge to Khandala Ghat Flyover Chowk	47	6	8
Shirur-Satara Road from Kedagaon Junction to Tardobachiwadi Junction	41	2	4
NH 48 Mumbai-Pandharpur Road from Dehu Phata Chowk to Lonavala Interchange	35	4	6
NH 753F Mulshi-Paud Road from Ghotwade Phata Chowk to Mulshi	22	2	4
Pune-Natepute Road from Kondhwa Khadi Machine Chowk to NH 965 Pandharpur Road Junction	21	2	4
Saswad-Kapurhol-Bhor Road From Tehsildhar Office Purandhar Junction to NH 48, Kapurhol Junction	19	2	4



Ring Roads Proposals

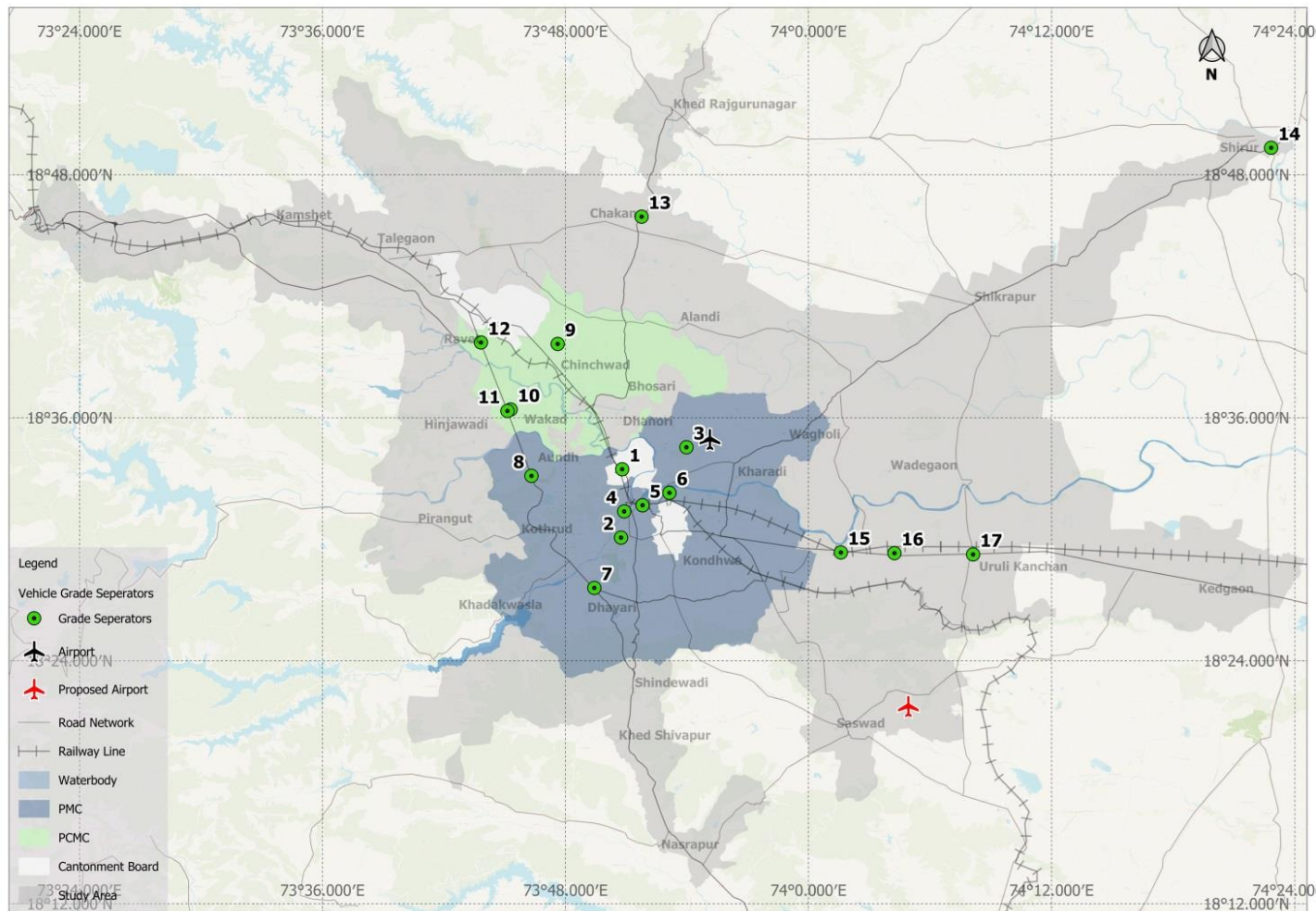


Road Project	Length (Km)	Status
Intermediate Ring Road	70	Planning Stage
Inner Ring Road by PMRDA	83	LA in Progress
Outer Ring Road by MSRDC	137	LA in Progress
Total	290	

Probable Implementing Agency: PMC / PMRDA / MSRDC

(Source: CTTS, 2020)

Grade Separators (Flyover/Elevated Road) - New



No	Intersections	Arm Type
1	Khadki Police Chowk, NH 4	4-Arm
2	Dandekar Bridge, Sinhgad Road	3-Arm
3	509 Chowk	4-Arm
4	Jhansi Lakshmi Bai Chowk	4-Arm
5	Juna Bazar Chowk	4-Arm
6	Sadu Vaswani Bridge to Bund Garden	3-Arm
7	Additional ramp towards Pune, Navale Bridge	4-Arm
8	Widening of Underpass, Nanavare Chowk	Underpass
9	Thermax Chowk	4-Arm
10	Kala Kadak Chowk	3-Arm
11	Widening of Underpass, Bhumkar Chowk	Underpass
12	Kiwale	4-Arm
13	Chakan	4-Arm
14	Widening of Underpass on Nagar Road, Shirur*	Underpass
15	Loni Kalbhor	4-Arm
16	Theur Phata	4-Arm
17	Uruli Kanchan	4-Arm

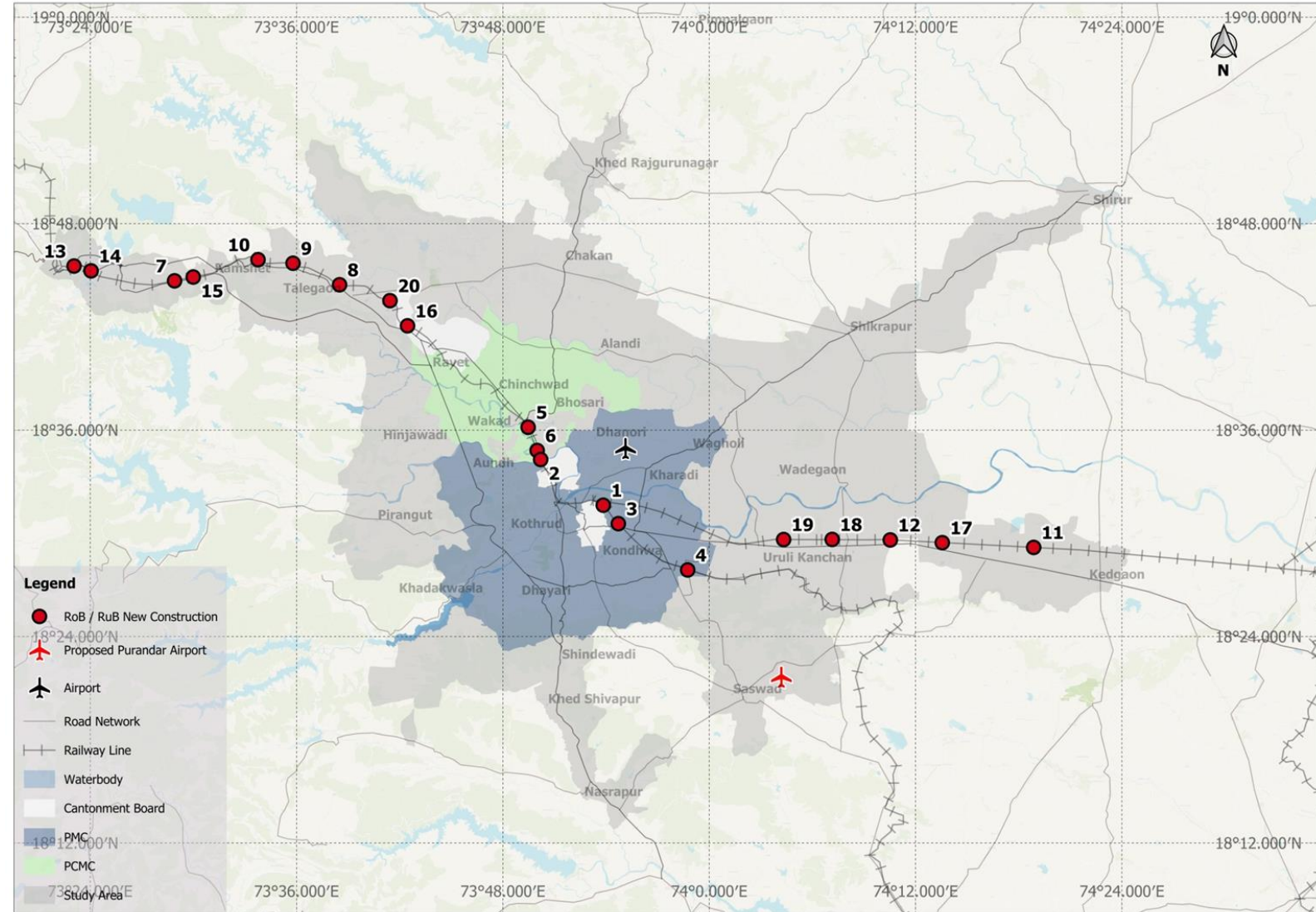
Probable Implementing Agency: PMC / PCMC

* - At present only 315 PCU's pass through the underpass, whereas in the nearby junction witnesses 5,810 PCU's. By widening the underpass the cross traffic can be rerouted.

S. No.	Location
1	Near Police Station, Ghorpadi
2	Bopodi
3	Hadapsar MIDC Road
4	Wadki Phursungi Road
5	Kasarwadi
6	Dapodi
7	Ekvira Devi Road, Malavali
8	Vadgaon
9	Kanhe Main Road
10	Kamshet
11	Kutbav
12	Sahajpur in Uruli Kanchan
13	Lonavala
14	Old Khandala Road
15	Malavali
16	Begdewadi Railway Station
17	Khamgaon
18	Naigaon
19	Kunjarwadi
20	Baneshor Smashan Bhoomi*

* - New RoB/RuB for better Connectivity

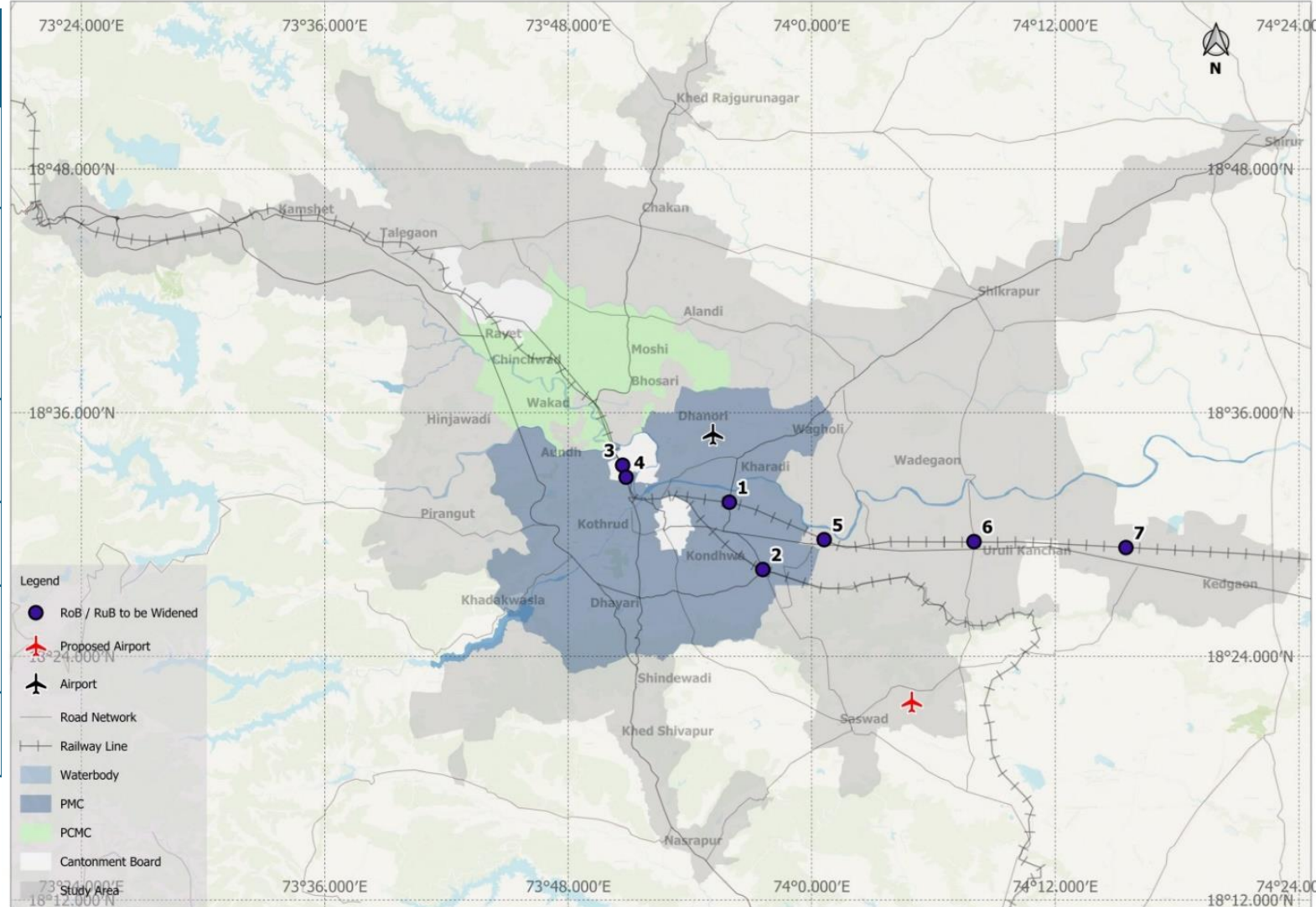
- Proposals based on inputs from agencies and analysis of present study.
- The Locations with Train Vehicle Unit Value (TVU) > 1,00,000 qualify for construction of RoB/RuB.



Probable Implementing Agency: PMC / PCMC / PMRDA / PWD/ Central Railway/ NHA/ MSRDC

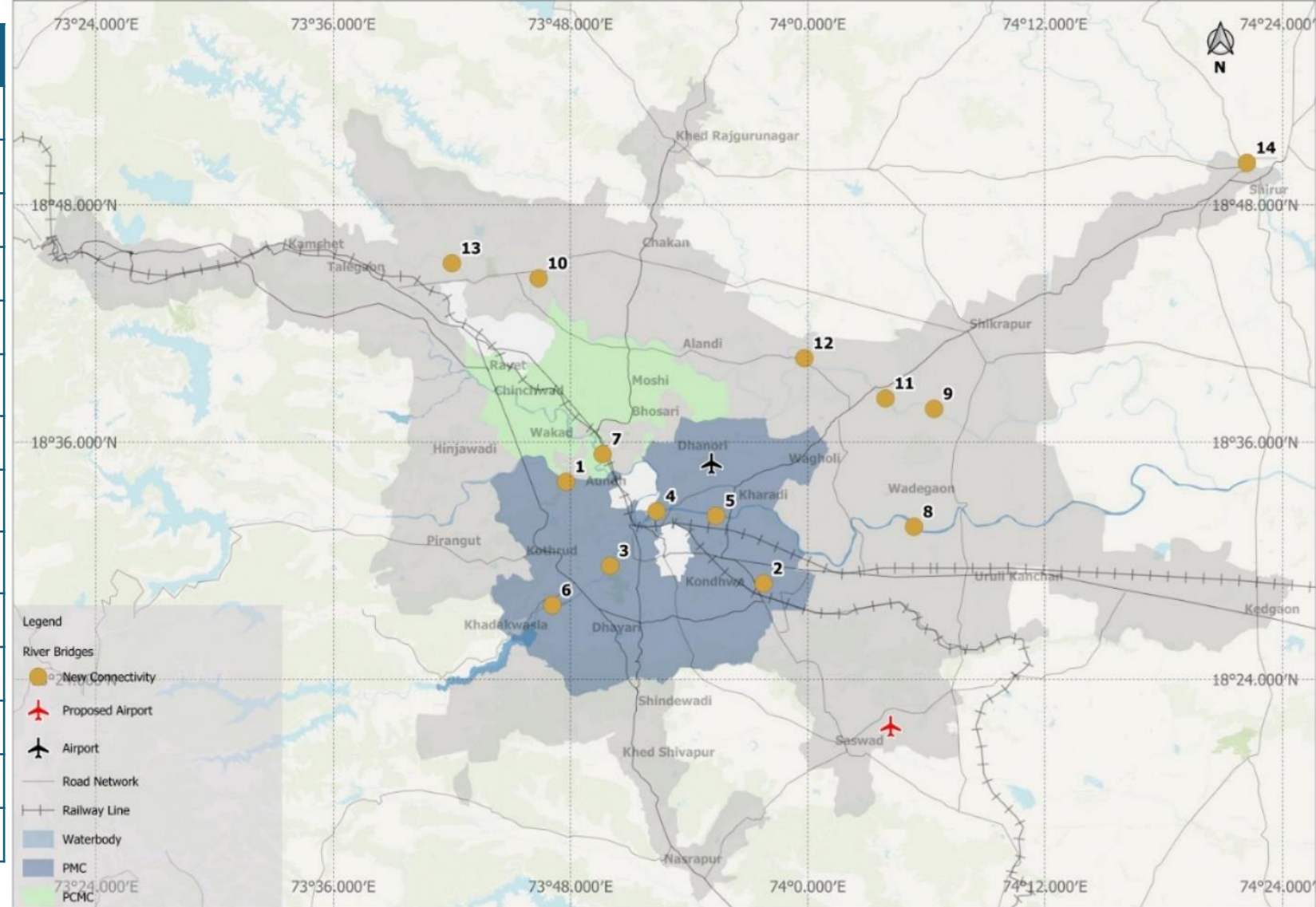
RoB/RuB Proposals – Widening

S. No.	Proposed RoB / RuB for Widening	Existing Lane Configuration	Proposed Lane Configuration
1	Magarpatta Road (near Hadapsar Railway Station)	4 Lane	8 Lane Divided
2	Mantarwadi, Saswad Road (near Saswad Road Railway Station)	2 Lane	4 Lane Divided
3	Khadki Police Chowk	2 Lane	6 Lane Divided
4	Dhanori Alandi Road (near Shivaji Nagar Railway Station)	1 Lane	6 Lane Divided
5	Jachak Vasti Road (Nearby Loni Yard)	1 Lane	2 Lane
6	Belhe Jejuri Highway (Near Uruli Railway Station)	1 Lane	4 Lane Divided
7	Yavat Station Road (Near Yavat Railway Station)	1 Lane	2 Lane Un-Divided



Probable Implementing Agency: PMC / PMRDA / PWD / Central Railway

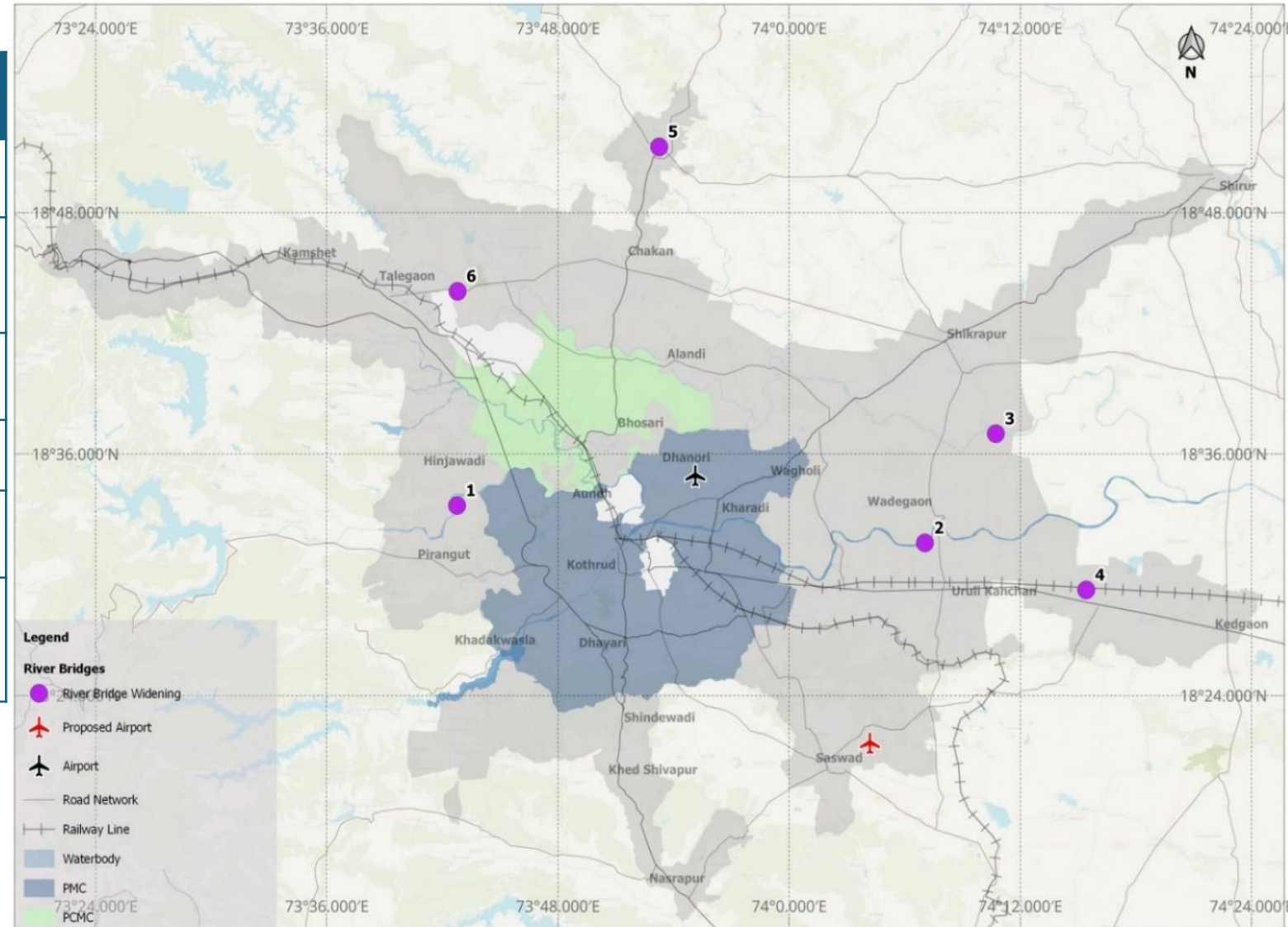
S. No	New River Bridges
1	Near Pimple Nilakh (Intermediate Ring Road)
2	Near Phursungi Road (Intermediate Ring Road)
3	Between Karve Road and Sinhagad Road near Panmala
4	Between Pune Station to Sangamwadi near Lumbini Nagar
5	Wadgaonsheri to Mundhwa Tadigutta Chowk
6	Connecting Sinhgad Road to Ramnagar (NDA road) via Rajyog Township
7	Phugewadi to Pimple Gurav
8	Between Theur Naigaon Road and Koregaon Biwri Road near Biwri village
9	Between Perane Road and Dingarwadi Road near to existing minor bridge
10	Near KT Weir Indrayani River (no Connectivity)
11	Bypass to Koregaon Bhima- RP Road
12	Between Tulapur and Apati village near Tulapur village
13	Between Varale village and Akurdi village
14	Ramayanagiri Housing Society near Shirur



About 8 km of new links need to be developed along with the construction of new bridges.

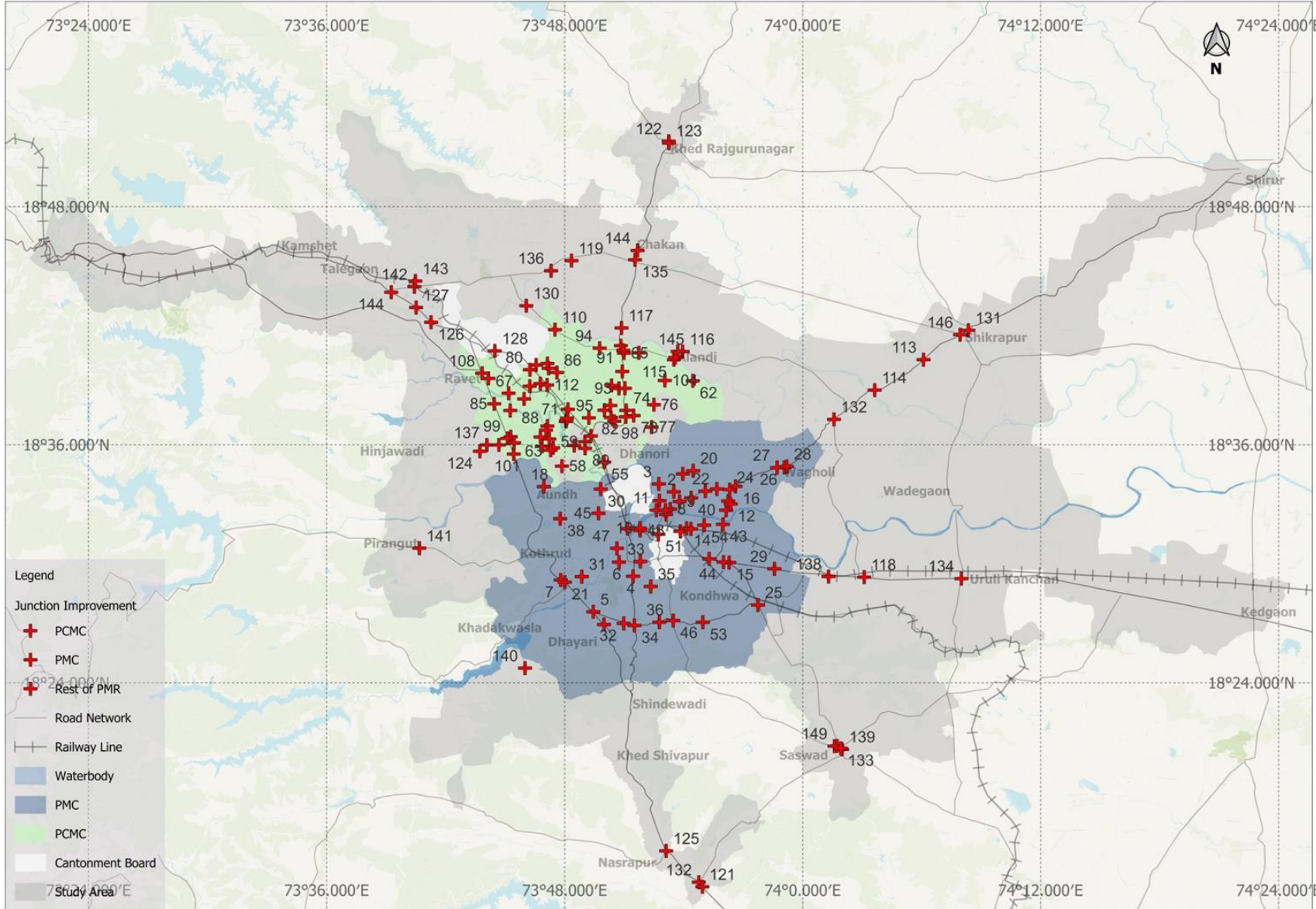
Additional River Bridges – Widening

S. No	River Bridges for Widening	Existing Lane Configuration	Proposed Lane Configuration
1	Chande- Nande Bridge	1	4 Lane Undivided
2	Connecting Koregaon Biwri Road with Koregaon Mul village	1	2 Lane Divided
3	Vitthalwadi Bandhara near Sanghavi	1	2 Lane Undivided
4	Canal Bridge on Yavat Station Road	1	2 Lane Undivided
5	Near Rajgurunagar Bus Stand	4	8 lane Divided
6	Near Indori Village Talegaon- Chakan- Shikrapur Road	2	4 Lane Undivided



Probable Implementing Agency: PMRDA / PWD

Junction Improvement Plan



A total of 143 Junctions have been identified for improvement with following suggestions,

- ❖ **Proper channelizing**
- ❖ **Synchronized traffic signal** with proper signal phasing for different peak hours
- ❖ **Parking and Hawking activities shall be restricted 75m** for all the arms of the Junctions.
- ❖ **Bus stops/Auto stands - Junction shall be shifted 50 m away**

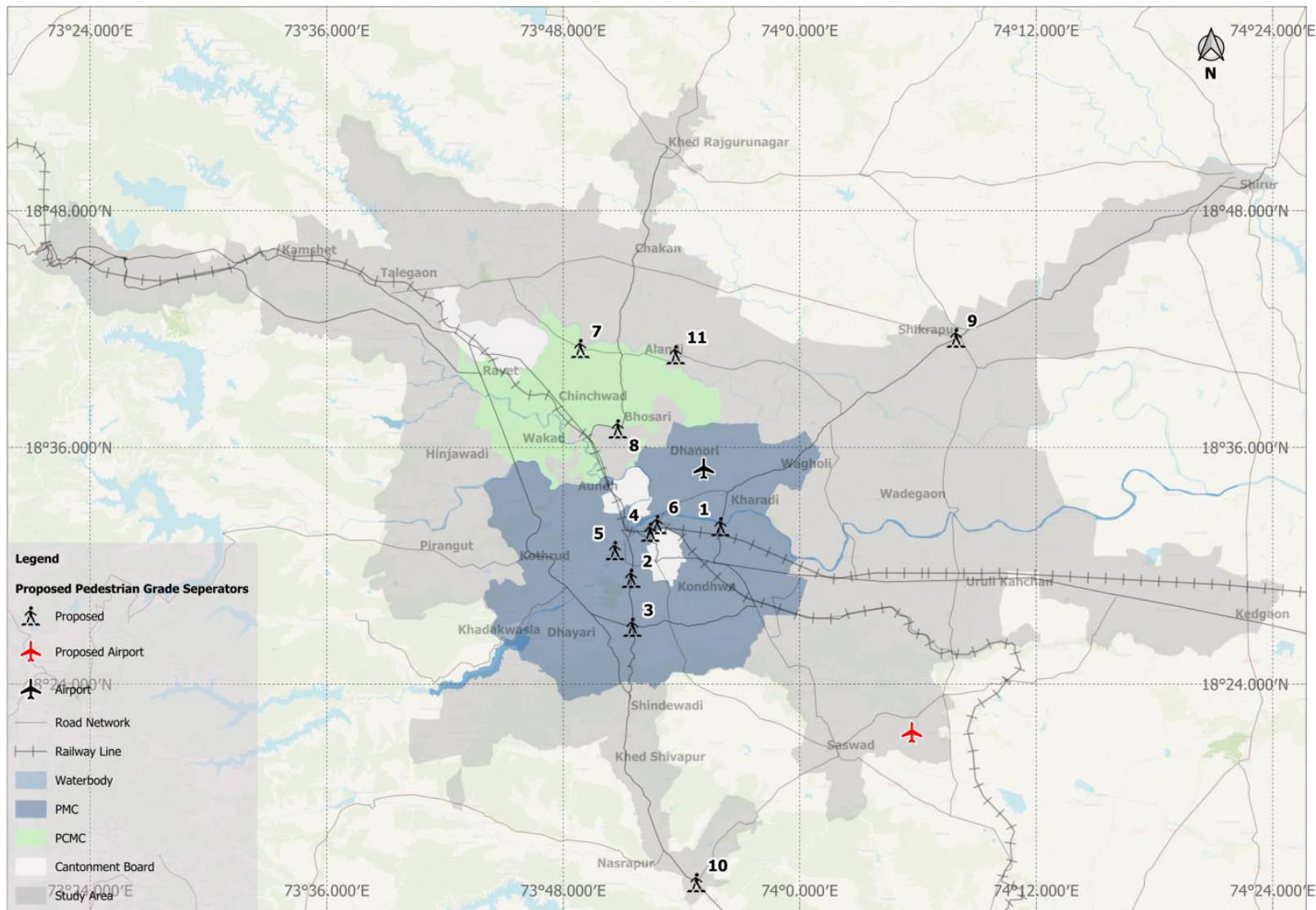
Probable Implementing Agency:
PMC / PCMC/ PMRDA/ PSCDCL/
NHAI/ PWD/ MSRDC

NMT Improvement Plan

- Pedestrian Grade Separation Facilities
- Footpath Development
- Bicycle Track Network



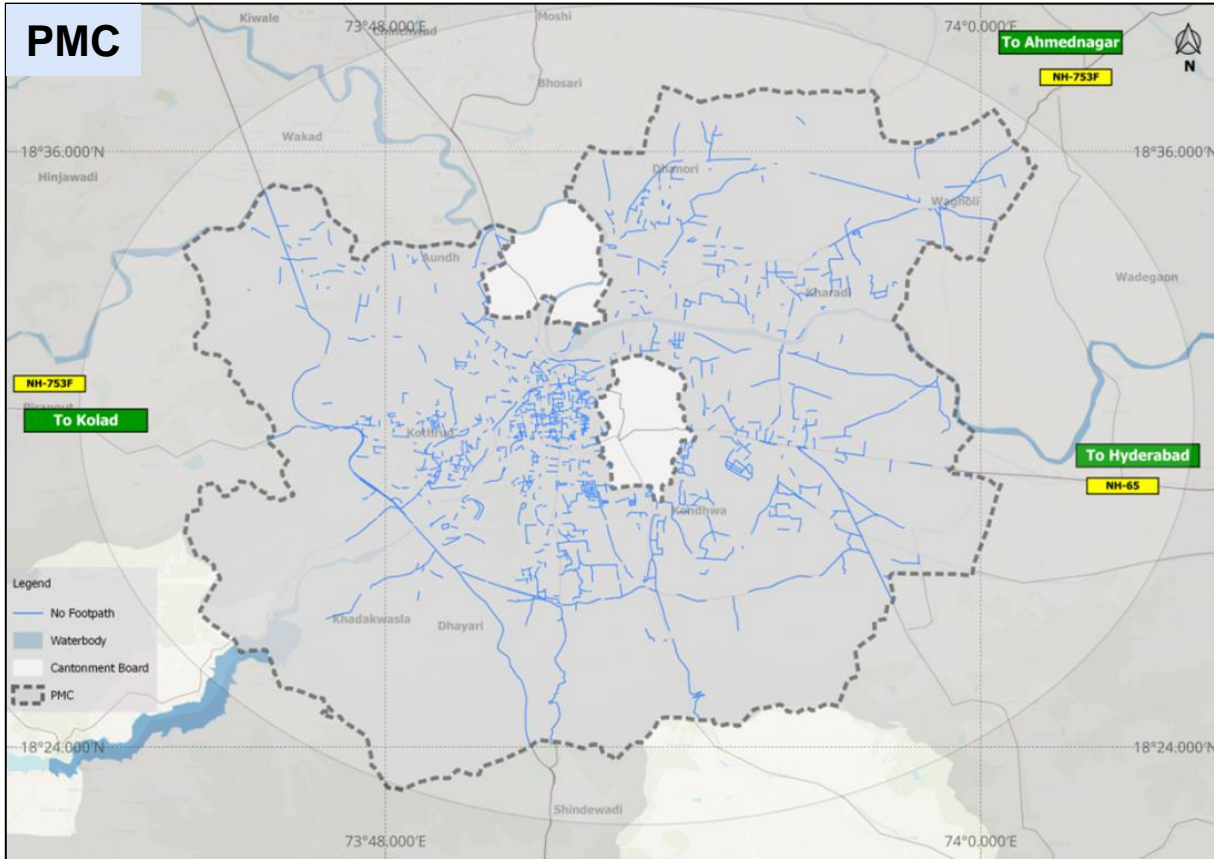
Pedestrian Grade Separation Facilities - New



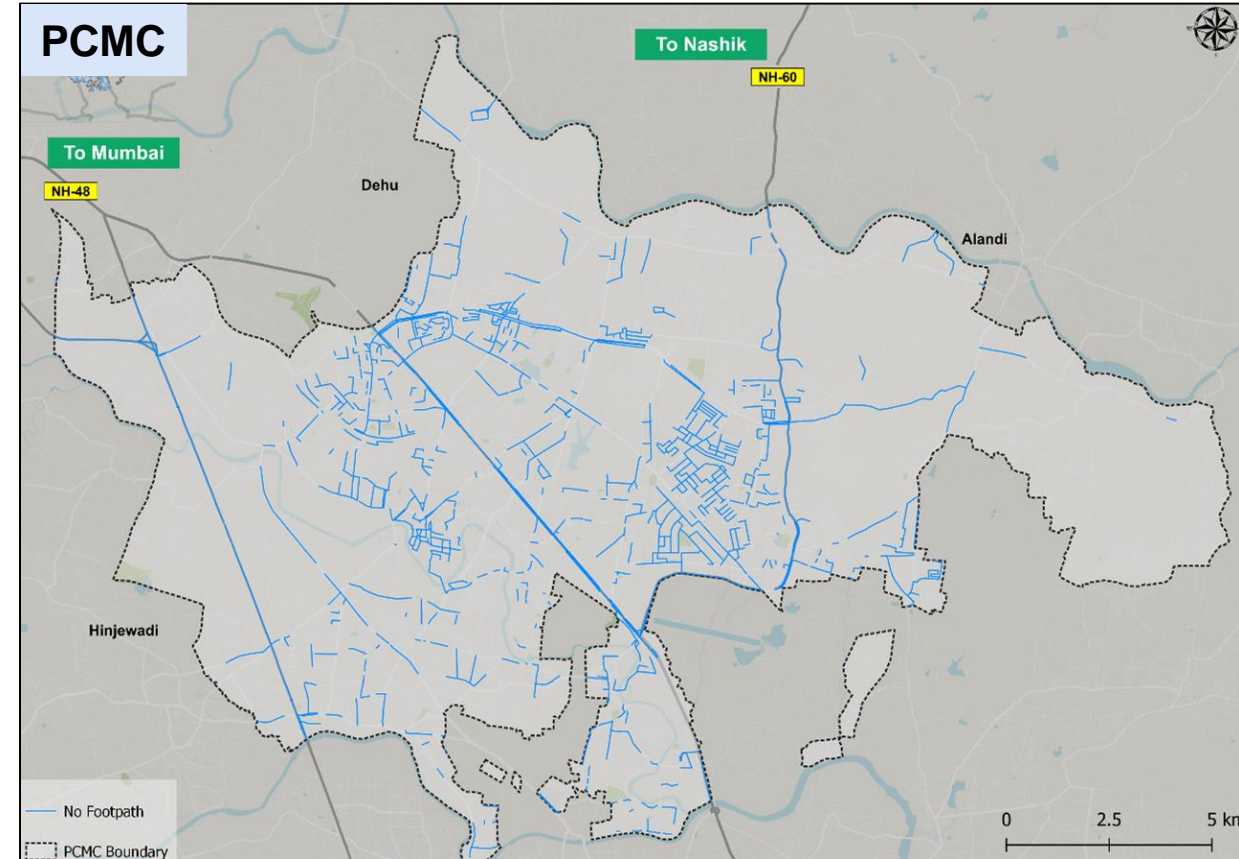
S. No	FOB / Subway
1	Mundhwa Chowk on Magarpatta Road
2	City Pride Chowk on Satara Road
3	Katraj Chowk on Satara Road
4	Sanjeev Gandhi Road to Wellesley Road connecting Pune Railway Station
5	Alka Talkies Chowk on Lal Bahadur Shastri Road
6	Dhole Patil Chowk/ Wadia College
7	Opposite to Chikali Bus Stand
8	FOB near Poona Public School near Bhosari (Modification)
9	Chakan Chowk, Shikrapur
10	Kapurhol Junction
11	Chakan Chowk, Alandi

Criteria for selection of Pedestrian Grade Separators,

1. Busy, wide multi-arm junctions with large areas.
2. Mid-block sections of major roads with high traffic speeds and pedestrian crossing volumes.
3. Intersections with high pedestrian volumes and long waiting times.

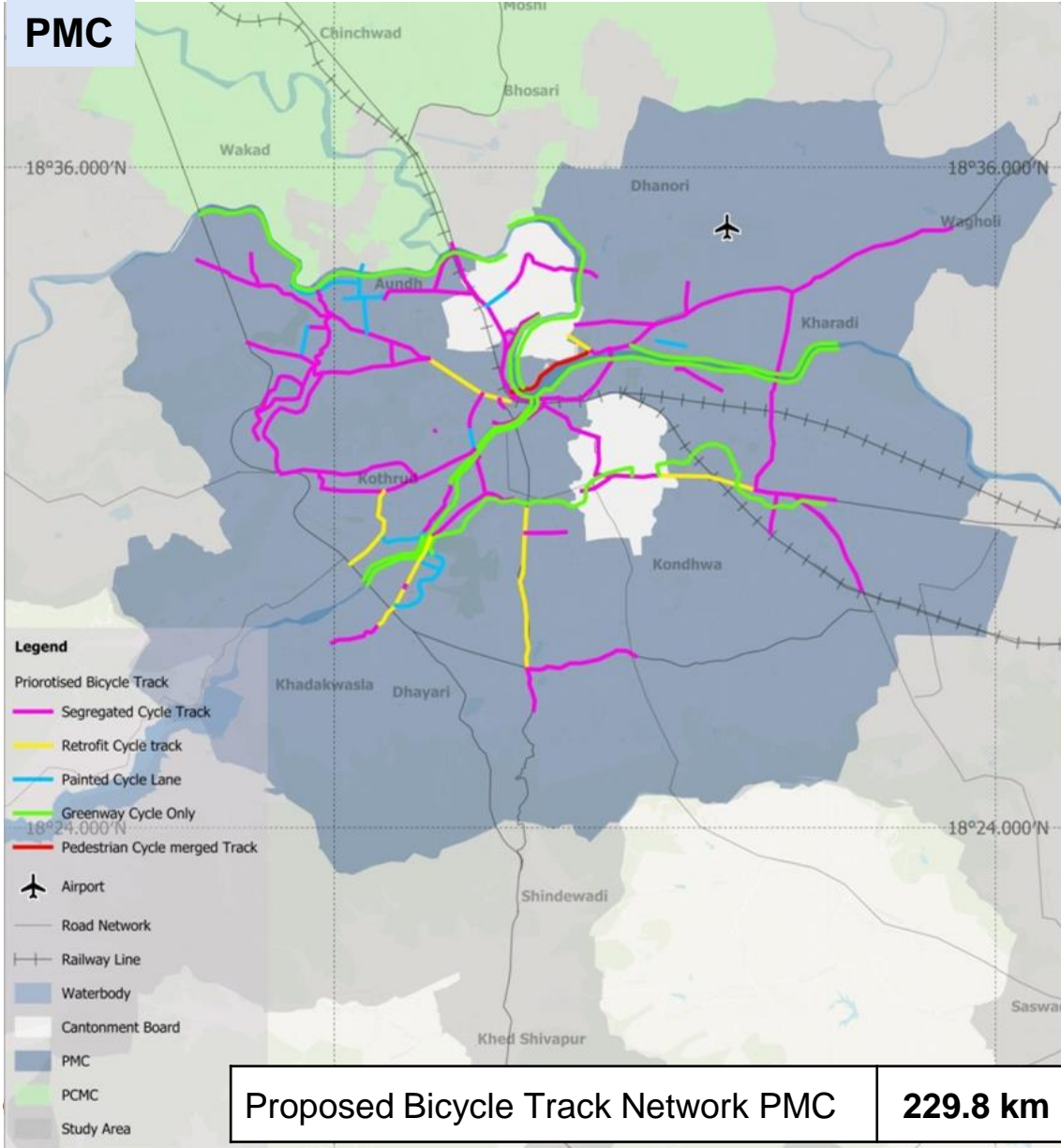


Footpath to be constructed on both side : **341 km**

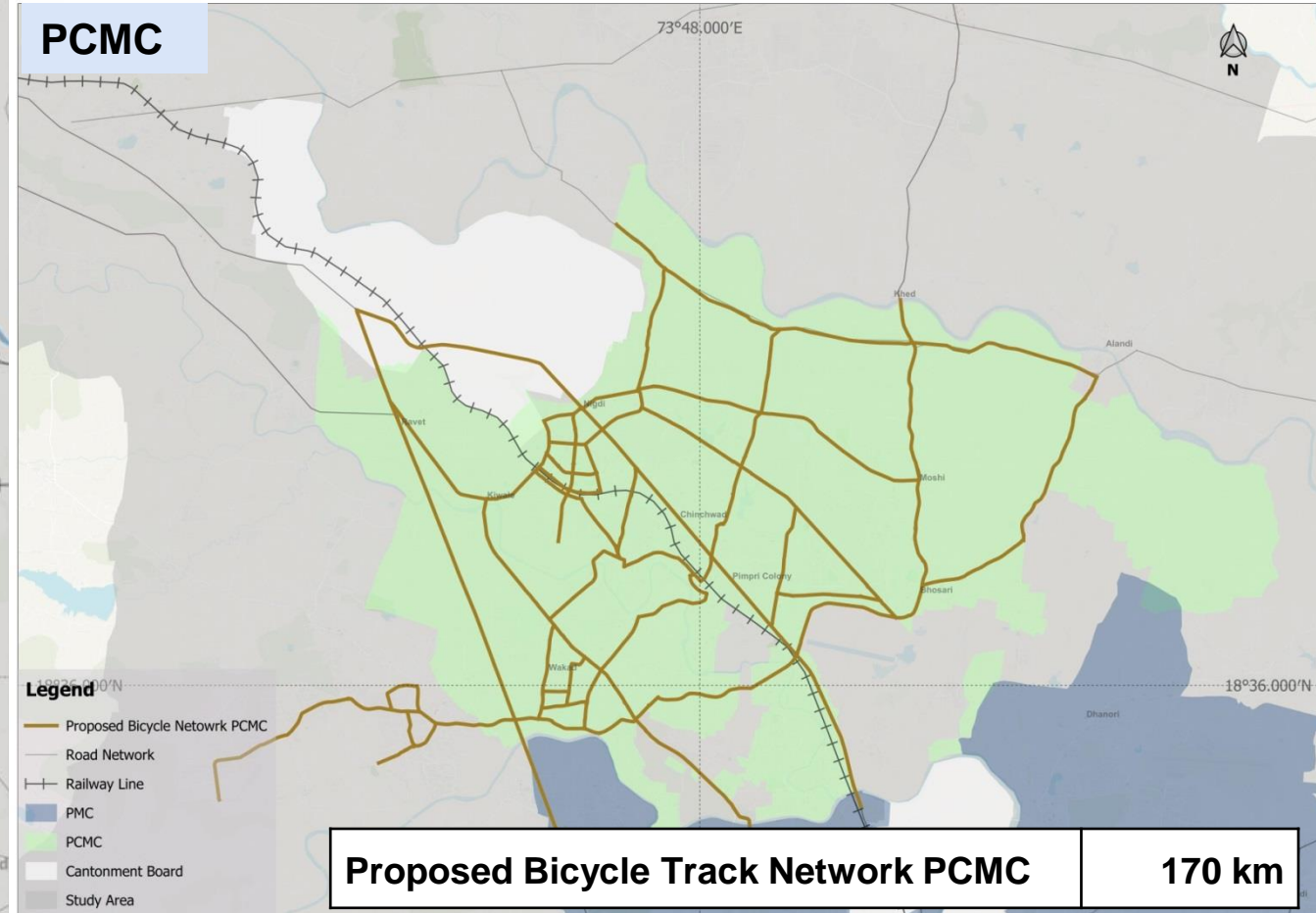


Footpath to be constructed on both side : **266 km**

Proposed Prioritized Bicycle Network



Existing Bicycle Track Length in PMC & PCMC : 62 km



Probable Implementing Agency: PMC/ PCMC/ PSCDCL

Other Plans


- Truck Terminals
- Logistic Hub
- Multi Modal Integration Hubs
- Mobility Management Measures



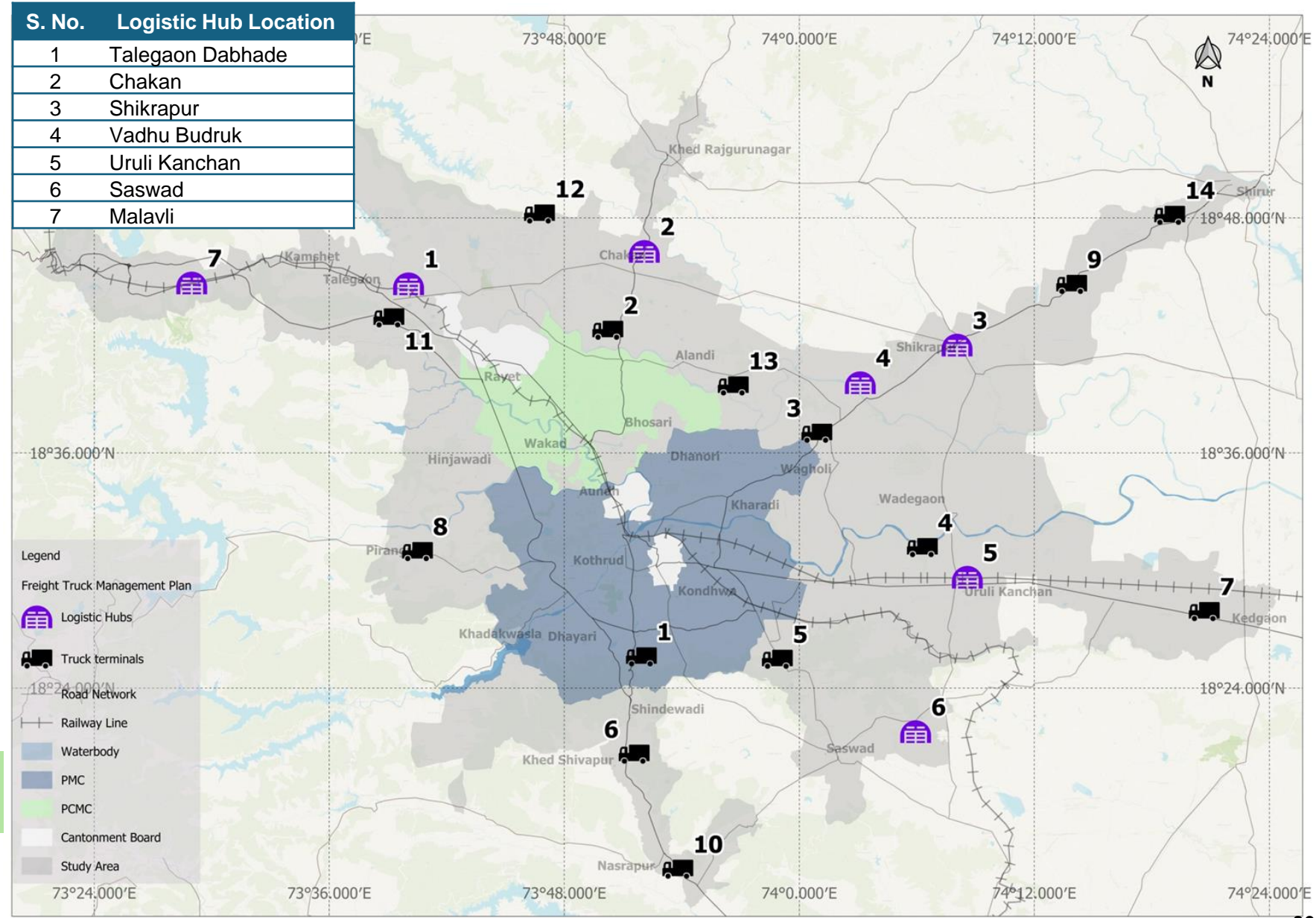
Truck Terminal & Logistic Hub Proposals

No.	Truck Terminal Location	Land Required (in acres)
1	Mangdewadi	3.10
2	Nashik Road, Near Chimbali	3.5
3	Loni Kand	5.67
4	Prayagdham	3.67
5	Wadki	2.77
6	Kasurdi	1.2
7	Daund, Kedgaon	4.12
8	Kasar Amboli	1.09
9	Ranjangaon on NH753P	4.81
10	Satara Road near Nasrapur	3.5
11	Parandvadi	5.75
12	Bhamboli	2.54
13	Solu	3.17
14	Saradwadi	4.81

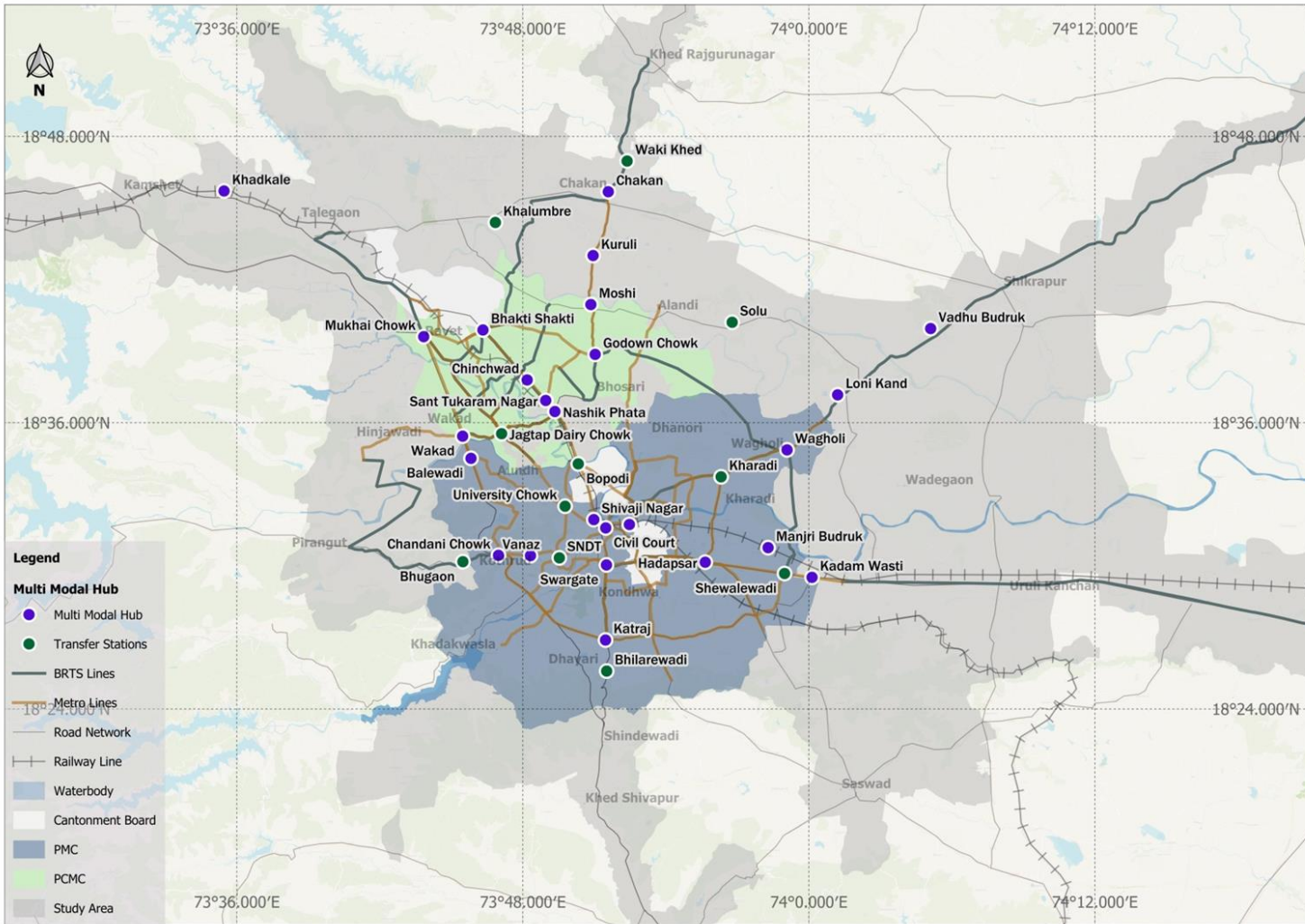
Probable Implementing Agency:
PMRDA/ MSRDC/ NHAI/ PWD/ Railways

 Minimum land area of 25 acres is required to set up a logistic park.

S. No.	Logistic Hub Location
1	Talegaon Dabhade
2	Chakan
3	Shikrapur
4	Vadhu Budruk
5	Uruli Kanchan
6	Saswad
7	Malavli



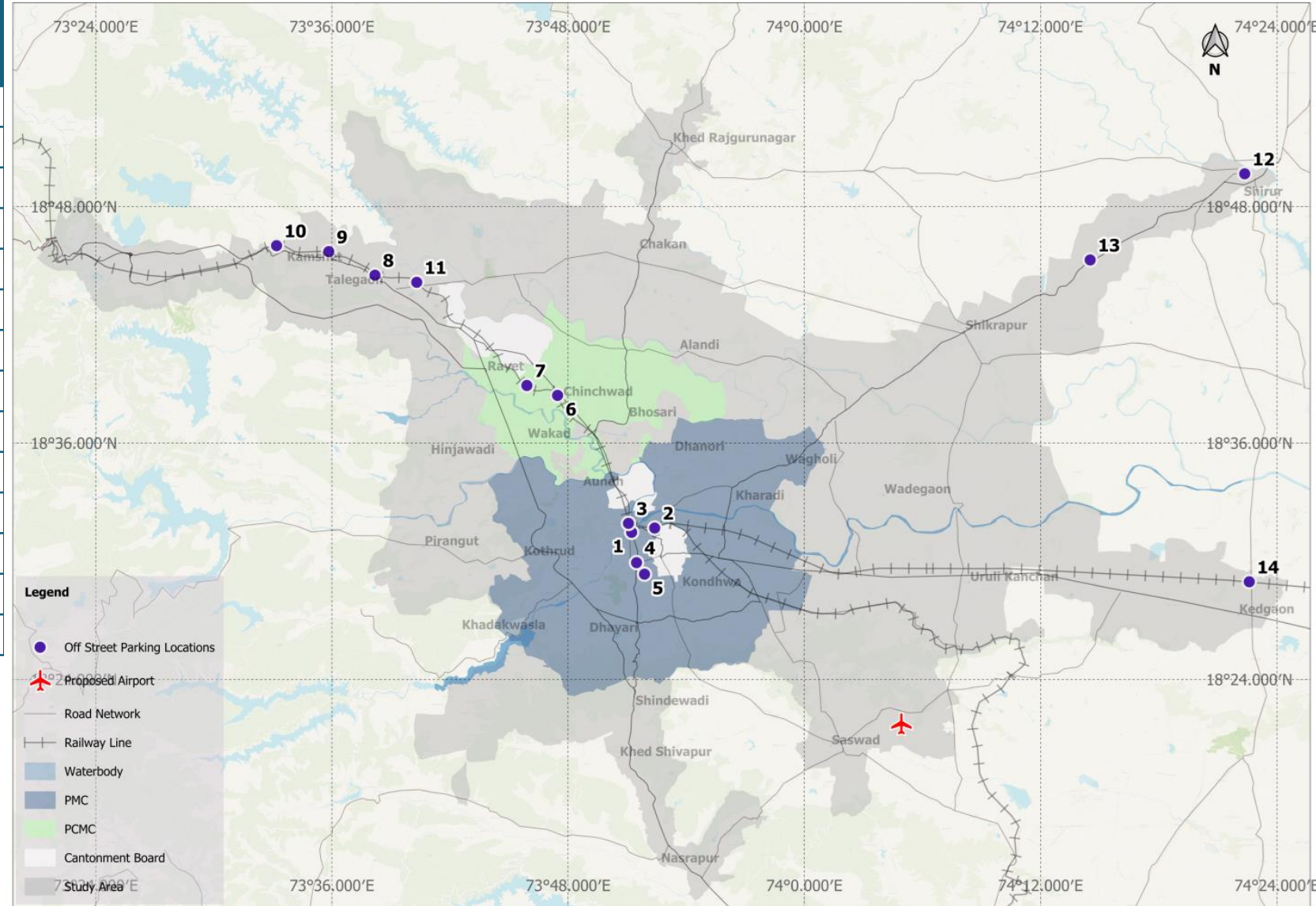
Multi Modal Integration Hubs



S. No	Major hub Locations	Modes
1	Pune Railway Station	Metro, Railways, PMPML, MSRTC
2	Shivaji Nagar	Metro, Railways, PMPML, MSRTC
3	Swargate	Metro, PMPML, MSRTC
4	Bhakti Shakti	Metro, PMPML, MSRTC
5	Balewadi	Metro, PMPML, MSRTC
6	Katraj	Metro, PMPML, MSRTC
7	Hadapsar	Metro, PMPML, MSRTC
8	Wagholi	Metro, PMPML, MSRTC
9	Moshi	Metro, PMPML, MSRTC
10	Sant Tukaram Nagar	Metro, PMPML, MSRTC
11	Chinchwad	Metro, Railways, PMPML
12	Mukhai Chowk	Metro, PMPML, MSRTC
13	Chandani Chowk	Metro, PMPML, MSRTC
14	Wakad	Metro, PMPML, MSRTC
15	Chakan	Metro, PMPML, MSRTC
16	Manjari Budruk	Metro, PMPML, MSRTC
17	Nashik Phata	Metro, PMPML, Railways
18	District Court	Metro, PMPML
19	Vanaz	Metro, PMPML
20	Godown Chowk	Metro, PMPML
21	Kurali	Metro, PMPML
22	Loni Kand	Semi-High Speed Rail, PMPML, MSRTC
23	Vadhu Budruk	PMPML, Railway
24	Kadamwak Wasti	PMPML, Metro
25	Khadkale	Railway, PMPML
26	Purandar	Airport, Railway, PMPML

Mobility Management Measures- off Street Parking Proposals

S. No.	Off Street Parking Location	Area (sq. m)
1	Pune Municipal Corporation	2,500
2	Pune Railway Station	3,500
3	Shivaji Nagar	2,500
4	Swargate	5,000
5	Market Yard	3,500
6	Chinchwad Railway Station	1,000
7	Akurdi (Near Railway Station)	2,700
8	Vadgaon Railway Station	500
9	Kanhe Railway Station	500
10	Kamshet Railway Station	500
11	Front Side of Talegaon Railway Station	500
12	Beside Shirur Bus Stand	2,650
13	Opposite Ranjangaon Ganapati Temple	1,700
14	Kedgaon Railway Station	750



Probable Implementing Agency: PMC / PCMC / PMRDA/ PSCDCL

Mobility Management Measures- On-street Pay and Park

SN.	On Street Parking Location	Area	Vehicle Type
1	Shivaji Road	PMC	Two wheeler
2	Bajirao Road	PMC	Two wheeler
3	Laxmi Road	PMC	Two wheeler
4	Shivajinagar Bus Stand Area	PMC	Two wheeler/Car
5	JM Road	PMC	Two wheeler
6	FC Road	PMC	Two wheeler
7	Balewadi Phata	PMC	Two wheeler/Car
8	Near Market Yard	PMC	Two wheeler
9	DP Road and Mahadji Shinde Road, Aundh	PMC	Two wheeler/Car
10	Lal Bahadur Sastri Road	PMC	Two wheeler/Car
11	District Court	PMC	Two wheeler/Car
12	Timber Market Road near Market Yard	PMC	Two wheeler
13	Nagar Road near Viman Nagar Corner and Kharadi Bypass Junction	PMC	Two wheeler/Car
14	Balewadi High Street to Varsha Park Society	PMC	Two wheeler/Car
15	Bhosari (50 m away from intersection)	PCMC	Two wheeler
16	Nigdi (50 m away from intersection)	PCMC	Two wheeler
17	Dange Chowk (50 m away from intersection)	PCMC	Two wheeler/Car
18	Chopekar Chowk (50 m away from intersection)	PCMC	Two wheeler/Car
19	Landewadi Chowk (50 m away from intersection)	PCMC	Two wheeler/Car
20	Kapate Chowk to Wakad Chowk	PCMC	Two wheeler/Car
21	Mahesh Nagar Road near Yeshwanth Rao Chavan Hospital	PCMC	Two wheeler/Car
22	Chikhali Akurdi Road from Thermax Chowk to Om Sai Chowk	PCMC	Two wheeler/Car

On-street parking is proposed at **22 locations**, out of which **14** are in **PMC** and rest of **8** are in **PCMC**.

- The parking location are to be regularised and paid on-street parking is recommended using smart parking management technologies.
- The parking policy 2016 is to be followed for area-wise parking charges.
- Parking near Transit hubs to be checked for demand and smart parking management to be implemented.
- Paid Parking shall be introduced along all the Mass Transit Corridors



Probable Implementing Agency: PMC / PCMC/ PSCDCL

Summary of Cost Estimate

S. No	Proposal	Phase 1 (2024-34) (Rs. in Cr.)	Phase 2 (2035-44) (Rs. in Cr.)	Phase 3 (2045-54) (Rs. in Cr.)
	Public Transport			
1	Metro/ Metro-Lite/ Metro-Neo/ BRTS/Railway line	40,155	22,507	858
2	Bus Augmentation/ Terminals/ Depot	13,247	12,075	22,500
3	Multi Modal Hubs	1,969	944	
4	SATIS	150		
	Road			
1	Ring Roads	3,582		
2	Road Widening	2,552	381	734
3	Missing Links	1,921	511	129
4	RoB/RuB/River Bridge/Grade Separators (New/widening)	964	105	
5	Junction Improvement	36		
6	Parking/Light Poles	54		
	NMT			
1	Footpath	461		
2	Bicycle Track	167		
3	Pedestrian Grade Separators/Pedestrian Priority Streets	77		
	Truck Terminals and Logistic Hubs	258	192	
	Total	65,552	36,716	24,221
	Total (Phase 1 + Phase 2 + Phase 3)	1,26,489		

Thank You