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# Inauguration of

## Sitabuldi – Zero Mile – Kasturchand Park section & Freedom Park

Hon. Chief Minister Shri Uddhav Thackeray, Hon. Union Minister for Road Transport & Highways Shri Nitin Gadkari and Hon. Union Minister for Housing & Urban Affairs, Petroleum & Natural Gas Shri Hardeep Singh Puri inaugurated the Sitabuldi Interchange – Zero Mile Freedom Park – Kasturchand Park section & Freedom Park on 20th August 2021. This included two stations, namely Zero Mile Freedom Park and Kasturchand Park and a theme based public park 'Freedom Park'.

Although the length of this section is only 1.6km, it is the most iconic and significant section of Nagpur Metro which bridges with several historical landmarks.

It connects places of high footfall within the heart of the city to the metro network, which will bridge the gap of public transportation for the commuters and will serve additional 50,000 commuters daily.

It connects and provides access to monuments and establishments of the city namely Vidhan Sabha – the busiest area of the city during the winter session, Reserve Bank of India, Kendriya Sanghralaya, Samvidhan Chowk and Morris College.

### Highlights of Zero Mile Freedom Park Station

- ❑ The station building will have 20 storeys with trains passing through 4th floor
- ❑ The building will have two levels of exclusive basement parking. The ground floor is also reserved for parking
- ❑ The 16 floors above 4th floor are for commercial development on PPP basis. The concessionaire will have to build minimum 2,90,000 square feet commercial space. They will have access to work areas by elevators directly from platforms.
- ❑ Maha Metro has used Floating Track Slab Technology by installing a unique Mass Spring System (MSS) used to mitigate noise and vibration caused by metro. This technology makes the station one of its kind in the country.



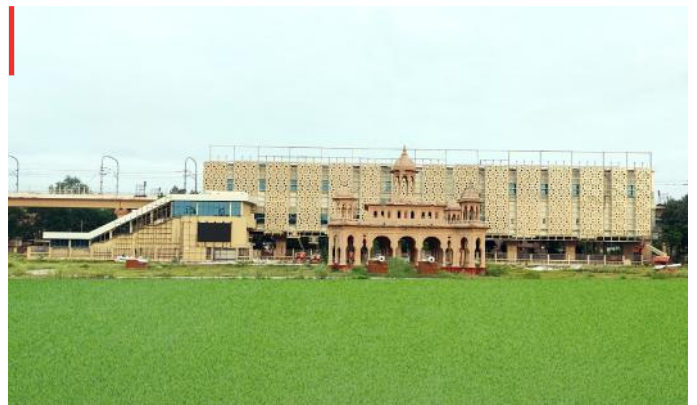
# HIGHLIGHTS OF KASTURCHAND PARK STATION



- The lattices on upper part of Kasturchand Park pavilion have been replicated on a large scale on the station façade.
- Symbolic elements of the Rajput architecture like Chhatri, Toran, Rajput Jaali, motifs on columns and brackets have been incorporated in the station.
- The station is adjacent to the multi-utility Kasturchand Park, where exhibitions, fairs, circuses, etc. are organized. The Park is also a playground for city youngsters.
- It is close to prominent commercial area Sadar Bazar, which has a large number of shops, boutiques, hotels and restaurants.

## Services on Sitabuldi

Kasturchand Park section started the same day from 3 pm in both directions. Now trains for Khapri on Orange Line leave from Kasturchand Park instead of Sitabuldi and vice versa.



# WORK PROGRESSING FAST ON FUTALA CRF PROJECT

Maha Metro has been engaged by the Public Works Department (PWD) for several works in the city of Nagpur, the most prominent one being, the construction of a Viewing Gallery at Futala Lake and also for the improvement of traffic congestion at the Futala Lake Road.

## The three components of the project are:

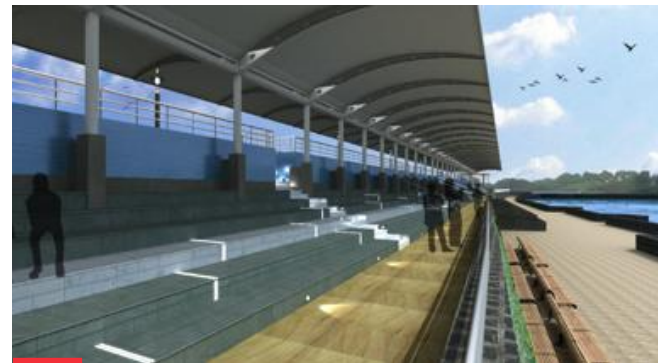
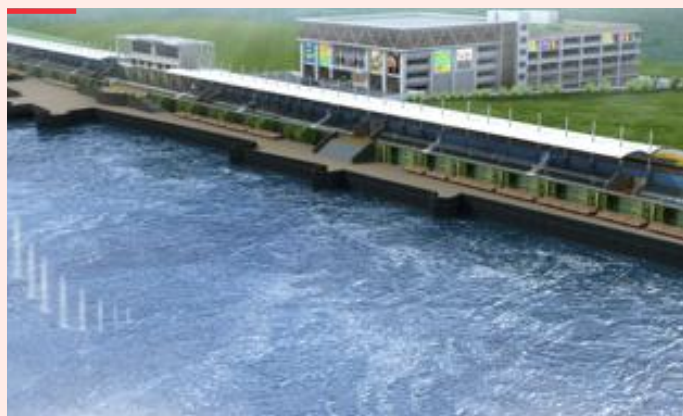
- Construction of Viewing Gallery with Projector Room.
- Construction of a Multilevel Parking Plaza
- Construction of Cement Concrete Roads

The work on Futala Viewing Gallery and cement concrete (CC) road project is progressing fast. The project is being funded through the Central Road Fund (CRF), and the cost is around Rs 113 crore. The entire project is slated to be completed soon.

## Viewing Gallery with Projector Room

A 350-metre viewing gallery facing the lake with a seating capacity of 4,000 people is being constructed near the Futala Lake. Nagpur Improvement Trust (NIT) is developing a multimedia laser show in Futala lake, and the people will be able to watch it from the gallery. A project room is being built besides the gallery for the show. The gallery will be fully covered with a 350 m long tensile roof.

There will be parking space near the gallery. It will have parking slots for 13 cars, 24 two-wheelers and 24 bicycles. Work is progressing on the gallery. Once complete, the viewing gallery will provide a mesmerizing experience to the spectators and enhance the beauty of the lake.



## Multilevel Parking Plaza

A multilevel parking will be built near the gallery so that people coming to watch the show can park their vehicles. It will be a mechanized puzzle parking. There will be 1,000 parking slots for cars and 305 slots for two-wheelers. Work is going on the plaza.



## Cement Concrete Roads

Two roads are being built under the junction improvement plan. The first is a 1.39 km road, which is 18 m wide. The second is 2.79 km road having width of 24 m. Both roads have been completed.

Earlier, Maha Metro, as per directions of Public Works Department (PWD), had planned to construct a road tunnel below the gallery. However, this tunnel was dropped in January 2019 and the final drawing approved by PWD in October 2019 did not include the tunnel. NIT's consultant for the multimedia laser show had told Maha Metro that the tunnel wall below the gallery will have acoustics problems and other technical issues. Hence, Maha Metro prepared a new design. As per the new design a cement concrete road is being built behind the gallery instead.



## LADAKH THE Paradise

**This journey was actually planned before the corona crisis. But fate has its own way of working and was postponed for about one and a half year.**

As a professional working in public dealing we are supposed to operate trains, taking care of station revenue, handling the crowd and to make there journey hassle free. But in these corona time no public were allowed to travel. Alike everyone we all were feeling bored and stucked. We were four of us.

And this was the time when we decided to break this shackles and witness the 'mother nature' calm and clean. There is nothing better than this, venturing to a place where divinity is the soul of place. We were so curious about our journey as we will be experiencing the divine beauty of mother nature , which we only seen in movies and listened through people's.

When we choose a new path it is not new if any hurdles doesn't comes. 3 days prior of our departure, news came of landslide and cloudburst and casualties due to it. We got tensed and thought of cancel the tour. We checked the situation and the climate conditions it was not that bad as the news were put by media. Defying all the odds we decided to start our journey by taking all precautions of covid-19.

We started from Nagpur to Delhi by train and then headed to Manali by bus through some of the most beautiful terrains in the country. As we moved towards our destination, the journey seemed to be longer, than

it actually takes due to stone shooting incidents on our way. But we reached our destination safely.

We were so relished to see the blue sky, mountains covered with snow and breathe the cold breezy winds. We started the real adventure by witnessing the most mesmerizing & breath-taking rivers, roads and valleys.

The very next day we reached leh, the land of high passes. We were all set & ready with our gears and backpacks with all necessary items as climate changes there in any minute. We started from manali then jispa-leh-nubra valley-pangong lake-kargil and last was Srinagar. the best part was to pay homage to the warriors of Indian army in kargil . We travelled through the highest motorable passes in the world at around 18000 fts i.e. Khardungla pass, Tanglangla pass and changla pass.

The journey wasn't simple as it seems. It's not everyone's cup of tea. It takes high determination, perseverance and of course good health. This journey was very successful for everyone of us. We gathered lot of memories to cherish in future. Thanks to our operation officials as they allowed & managed to grant our leaves in this high time.

**Staff names are as below.All from operation department and are working as SC / TO / TC .**

1. Darshan R. Rathod (10155)
2. HiteshB.Deshewar(10154) 3. Rahul D. Yadav (10128)
4. Prathamesh V. Badhe (10132)

# FLAG-OFF OF TRIAL RUN ON Vanaz to Ramwadi Corridor c

Gearing up to launch its commercial operation services, **Pune Metro on Friday 30th July 2021**, achieved yet another milestone when it successfully carried out the first trial run on East-West Corridor of Pune Metro on a 3-km stretch from Vanaz to Ideal Colony, on the route that will go all the way to Garware shortly.

The program at Hill View Park Car Depot started with short address by MD Maha-Metro, whereby he welcomed the chief guest and all present dignitaries. Mr. Dixit also briefed about current status of Project . He assured that Maha-Metro would take all possible efforts to complete project at the earliest and get Metro ready for Pune-kars .A short film on Pune Metro was also shown during the program.



The Prototype of Pune Metro coach was inaugurated by Chief Guest and then the trial run was officially flagged off by Deputy Chief Minister GoM, Shri. Ajit Pawar, Dr. Neelam Gorhe, Deputy Chairman of Maharashtra Legislative Council, Shri. Murlidhar Mohol, Mayor PMC. other dignitaries were also present during the occasion.

**During his address, Dy. Chief Minister, GoM said** that 60 percent of Pune Metro Rail work has been completed and the remaining work will also be expedited by Maha-Metro.

“The PMC is in the process of taking steps for extension of the underground Metro route from Swargate to Katraj as an elevated



Metro rail is not possible on the stretch. Similarly, the Metro route would also be extended from Vanaz to Chandani Chowk & Ramwadi to Wagholi,” he said, adding that the plan was to create a network of Metro routes in and around the city.

This was the first Train Trial run of Pune Metro Rail in PMC area. It should be taken into notice that Pune Metro has already conducted Train Trial run in PCMC area on North-South Corridor which is from PCMC to Swargate.

The program concluded with presentation of mementos to guests & Vote of Thanks by Director (Works), Maha Metro after which Chief Guest and others had a visit inside the Metro Coach Mock-up which was stationed at Depot premises.

# Session on Awareness of SENSITIZATION OF EMPLOYEES ON POSH ACT



20<sup>th</sup> August, 2021

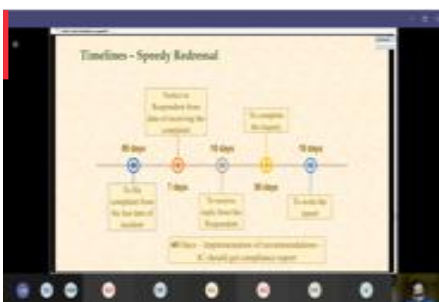
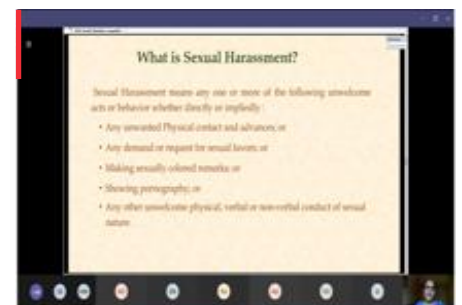
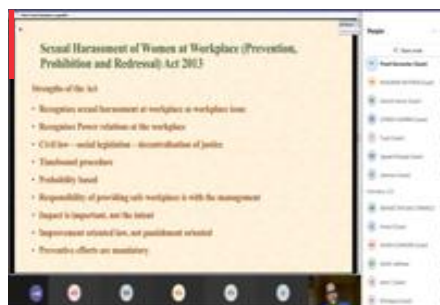
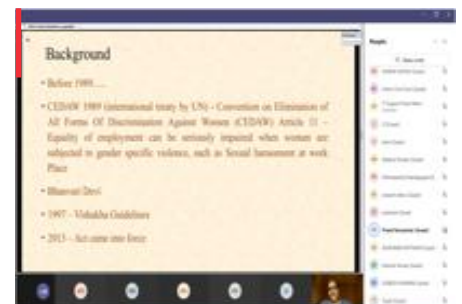
A Session on awareness of sensitization of employees on POSH ACT was held on 20th August 2021. The session was addressed by Ms Preeti Karamarkar.

Ms Preeti Karamarkar has been working on the issues since the Vishakha guidelines came into force in 1997. She is working in the social development field for the last 20 years and is associated with NGOs in Pune, Nari Samata Manch & BAIF. She is a part of the internal committee at FTII, IISER, DRM-Pune and Maha Metro Pune.

A brief background on the implementation of the Act and the importance of the act was discussed in detail. A total of 250 participants joined this extremely interactive session across the Maha Metro family.

Awareness on sensitization of employees was majorly focused on prevention of sexual harassment, on how to avoid and handle sexual harassment cases/issues at the workplace. She educated employees to build a healthy, gender-free & friendly atmosphere. Employees raised their queries which were address at the end of the session.

## Few Glimpses are below



# MULTI-MODAL INTEGRATION

## Accessibility and Easy Travel with Bicycle in Metro Trains



The work of Pune Metro is going in full swing. In the coming months, the metro service will be operational for the public. Maha Metro has taken a revolutionary step, passengers, while commuting can carry the bicycle onboard the metro train.

**So, on 26th August 2021, Maha Metro's managing director, Dr. Brijesh Dixit along with officials of Pune metro, travelled through the metro from Phugewadi to Sant Tukaram Nagar and vice versa whilst carrying the bicycles with them on board the metro train.**

The travel commenced from the Phugewadi station and culminated at Sant Tukaram station. On reaching the Sant Tukaram station platform, the officials got down from the platform using the lifts with their bicycles and got out from the station.

Thereafter, all officials moved from Sant Tuakarm station to the A P J Abdul Kalam Garden riding their bicycles and back to the Sant Tukaram Station, then to the Phugewadi station, using the metro train.

Metro wants to emphasize on the usage of cycles onboard of metro train and how convenient it is for students, office staff, delivery boys, courier boys, and as a matter of fact, for anybody who is on an on-field job



and it will be immediately helpful to the citizens of Pune, they can easily make the use of the metro to travel to different parts of the city.

Metro is a safe, eco-friendly, and rapid transit mode of transport. Metro has a separate coach for women and girl students, Nari Shakti, so that they can commute safely and independently. Also, all the stations, platforms, and coaches are equipped with CCTV surveillance which will help prevent any untoward incidents on the stations.

Once upon a time, Pune was a cycle user's city but over the years because of unavailability of robust public transport use of two-wheelers and four-wheelers increased disproportionately. This led to uncontrolled vehicle population, congestion in traffic, pollution, cost of traveling, and time. The Maha Metro urges people to use bicycles so that Pune again goes back to its glory-'City of Cycles'.



Owing to the use of bicycles onboard metro trains, the issue of first and last-mile connectivity will be addressed, this will also integrate the two modes of transport- metro and cycle. **It is a kind of Multi-Modal Transport integration (MMT).**

On this occasion, the managing director of Maha Metro said, "Cycle is an eco-friendly mode of transport. Since the metro is allowing cycle onboard the metro trains, it will help commuters immensely. For cyclists, various signages and instruction boards will be kept on stations and trains. I am sure Pune-kars will use this facility to the fullest extent".





Swargate Metro Station on North-South Corridor is one of the most important station for Pune Metro. The Station would be terminal station for PCMC to Swargate corridor for Phase-I of the project, and it would play a crucial role in connecting PMPML bus commuters and State Bus Transport passengers with Metro.

# STATE ENVIRONMENTAL APPRAISAL COMMITTEE (SEAC)

## Visits at Swargate Metro Site



Given the high importance of the station, Maha Metro, Pune is planning to develop a Multi Modal Transport Hub at Swargate Metro Station. The Multi Modal Transport hub would serve by providing First & Last Mile connectivity through Feeder services, the process for which is already started by Multi Modal Integration department of Pune Metro & in addition to it, Commercial complexes would be developed by Maha Metro on Public Private Partnership basis at Swargate Multi Modal Transport Hub.

To develop Multi Modal Hub and Commercial Complexes at Swargate, Maha Metro ought to get the prior



Environmental Clearance from State Environmental Appraisal Committee (SEAC) as total built-up area is more than 20,000 Sq. mts. In this regard the Environmental Clearance (EC) application was submitted to Ministry of Environment, Forest and Climate Change (MoEF &CC) and a presentation was made by the Maha-Metro in 120th SEAC-III meeting held on 8th July, 2021. To take the process further, the SEAC comprising of Chairman Dr. Deepak Mhaiskar, Members Mr. Mukund Pathak, Mrs. Kiran Archekar, Dr. Asim Harvansh and Dr. Dattatraya Thorat visited Swargate Project office and site. The guests were addressed by Mr. Atul Gadgil, Director Works & Mr. Hemant Sonawane, GM-PR along with concerned Maha Metro officials at Swargate Project Office. The over all progress of the project was briefed by Director Works, Maha Metro, While Architect team provided the guests with Swargate Multi-Modal Hub insights. The committee appreciated the work progress and efforts of Maha-Metro.

The State Environmental Appraisal Committee was briefed about project progress and various eco-friendly initiatives such as use of Solar Power, water and waste water management, tree plantation & transplantation and Indian Green Building Council (IGBC) certification taken by Maha Metro for Pune Metro Rail project. Director Works, Maha Metro informed that Pune Metro is striving to earn Platinum Certificate from IGBC and register itself in the Global Leader category under IGBC.

It is expected that the committee may accord the prior Environmental Clearance approval in next appraisal meeting scheduled in coming month.

It needs to be taken into account that Pune Metro Rail Project would be executing similar projects at other places such as Civil Court, Range hill Depot & Hill View Park Car Depot. The similar process would be followed for obtaining the Environmental Clearance certificate for these projects.



# PUNE METRO EMBRACING TO KICK START ITS NON-FARE REVENUE ACTIVITIES



**Financial sustainability is critical for any infrastructure project, and Pune Metro is no exception to it. With a humungous capital investment of INR 11420 crores for 33.28 Kms of Metro line in Pune, which involves share from GoM, Gol & also soft loan from overseas funding agencies. The repayment of the same, once the project enters the commercial operation becomes crucial.**

Given the above, Pune Metro Rail Project envisages 50 percent of its revenue during the operational phase to be from sources other than ticketing revenue. These sources of earnings would be Non-Fare box revenue for Pune Metro. These sources involve leasing out spaces at stations for advertising, kiosk, etc. The advertising rights on train bogies/coaches, developing Multi-Modal Hubs for property development, and leasing developed spaces to various businesses, station semi-naming rights, developing horticulture along the alignment of Metro line, also, known as alignment beautification & leasing out the beautified corridor to private agencies for advertising.

With priority sections, I and II, inching toward commercial operation and the trial runs already conducted on both the sections, Pune Metro Rail Project has begun the process for station semi-naming right also known as co-branding tendering for its Metro stations. As initially, the 10 stations: 5 each from priority sections I and II would be open for the public, the tender for semi-naming rights for these stations is floated out. The stations will be operational from PCMC to Phugewadi in priority section I and Vanaz to Garware College in priority section II.

It should be taken into account that recently Pune Metro has signed a memorandum of understanding with M/s Gera Developments Pvt Ltd for providing a walkway from Bhosari Metro Station to Land Parcel taken for redevelopment by M/s Gera Developments Pvt. Ltd. adjoining to Bhosari Metro Station The skywalk would provide connectivity to people to Bhosari Metro Station which would increase the footfall of the Bhosari station. The MoU would fetch Pune Metro one-time payment of INR 75 Lacs plus applicable GST amount for Pune Metro from Non-Fare revenue sources.

Even Before the start of Commercial operation, Pune Metro has also received an offer from Bank of Maharashtra for train wrapping of two trains sets. Bank of Maharashtra has offered amount of INR 45 Lacs plus applicable GST amount for the same. The formal approval is already done from Maha Metro and final letter from Bank of Maharashtra is awaited.

On Property Development(PD) side, Pune Metro Rail Project has already on-boarded various agencies as Transactional Advisors for its planned PD Projects. The total estimated PD spaces planned at Pune Metro are around 7 Million Sq. ft., at four different locations namely: Swargate Metro Station, Civil Court Interchange Metro Station, Range Hill Depot & Hill View Park Car Depot. Tender preparation for Swargate Multi Modal Hub Property Development is already under progress while process for the other would be initiated shortly.



**On 14<sup>th</sup> August 2021, Pune Metro completed its trial run between the Vanaz to Garware College section around 5:30 pm. It has completed a 10km trial run with a 5km one way.**

The trial took place in the presence of the officials of Pune Metro Mr Atul Gadgil (Director Works), Mr Vinod Agrawal (Director S & Op), Dr Hemant Sonawane (GM, PR) and staff of Pune Metro, thus, making it a historic moment in the history of Pune Metro as this has been the first run of Metro from Vanaz to Garware College and vice versa within the Pune Municipal Corporation limits.

The work on the Vanaz to the Ramwadi Line is going in a full swing and probably by the end of December 2021, the Vanaz to Garware College Section will be open for the Public.

While the Metro was having her trail run, the joy of the citizens of Pune couldn't go unnoticed. Pune-kars were seen taking pictures and waving at the Metro expressing their happiness, pride and eagerness to travel in the Metro themselves.

# **PUNE METRO: SUCCESSFULLY COMPLETED TRAIL RUN BETWEEN VANAZ TO GARWARE COLLEGE SECTION.**

Saturday, 14<sup>th</sup> August, 2021 at 5:30 pm.



# The Mother Earth

In the dying summer, it was a dry night,  
I just peeped outside to see the misty moonlight;  
Filthy surroundings and unhealthy air outside,  
Stirred my insight about our earth's plight

Our mother earth bestows on us,  
The sky, land, water and air;  
So selfish, are we humans,  
Every time we forget to treat her fair

Despite knowing the solution,  
People take pride in her deterioration;  
May, they become aware of,  
The future of humanity lies in her conservation

Take water crisis, pollution, deforestation,  
Or ozone layer depletion and soil erosion;  
Who cares? But ponder a little,  
Are these the fruits of urbanization and industrialization?

We just need to balance our ever increasing needs,  
Only revamp some of our deeds;  
So, stop being so apathetic, extravagant and wild,  
To our mother earth, why not become a loyal child

Pleading for her survival, With her heart sinking fast;  
Friends let's join hands together, Before she breathes her last

- NILESH GHUGUSKAR  
Manager (HR)



# PROGRESS UPDATE



## METRO - NEW JOINEES

### NAGPUR METRO



**Uday Borwanker**  
Executive Director  
(Operations)



**Navin Kumar Sinha**  
Executive Director  
(Rolling Stock)



**Ramchandra Jungare**  
Technician (Bridge)  
(Operations)



**Prakash Somkuwar**  
Technician (Bridge)  
(Operations)



**Rupesh Rahangdale**  
Technician (Civil-Fitter)  
(Operations)



**Chhaya Chouriwar**  
Technician  
(Electrical)



**Chandan Kakde**  
Technician  
(Civil-Fitter)



**Dhammadip Sangode**  
Tech. (Ele. Mechanic)  
(Operations)



**Nagkanya Vijay**  
Technician  
(Electrical)



**Jayshri Matkar**  
Technician  
(Electrical)



**Pradip Wakekar**  
Technician  
(Civil-Fitter)

### PUNE METRO



**Trupti Thete**  
Assistant Manager  
(Labour Welfare)



**Ujjwala Dhengle**  
Office Assistant (PR)

NAGPUR METRO		
Sr.No.	Stretch	Progress
1	Khapri to Sitabuldi	100%
2	Lokmanya Nagar to Sitabuldi	100%
3	Sitabuldi to Kasturchand Park	100%
4	Kasturchand Park to Automotive Sq.	93%
5	Sitabuldi to Prajapati Sq.	95%

PUNE METRO		
Sr.No.	Stretch	Progress
1	St. Tukaram Nagar to Phugewadi	100%
2	PCMC to St. Tukaram Nagar	92%
3	Vanaz to Garware College (E)	82%
4	Phugewadi to Bopodi	63%
5	Bopodi to Range Hill	38%
6	Garware College to Civil Court (E)	53%
7	Civil Court to Bund Garden	69%
8	Range Hill to Civil Court (UG)	52%
9	Bund Garden to Ramwadi (E)	49%
10	Civil Court to Swargate (UG)	29%

## SOCIAL MEDIA ENGAGEMENT

Citizens *Love*

## Maha Metro!

Social media engagement of Pune & nagpur Metro far exceeds its other counterparts in the country.

Pure testimony of 'Maazi Metro'

Monthly newsletter published by Maharashtra Metro Rail Corporation Ltd. For contribution & suggestions, please write to [cs@mahametro.org](mailto:cs@mahametro.org)



### NAGPUR METRO

Average acquisition of FB followers per month **12,249**

**6,49,388** LIKES

**14,000** FOLLOWERS

**16,14,570** VIEWS

**15,700** FOLLOWERS



### PUNE METRO

Average acquisition of FB followers per month **10,936**

**6,12,618** LIKES

**14,200** FOLLOWERS

**22,66,836** VIEWS

**26,800** FOLLOWERS

✦ 'Metro Bhawan', VIP Road, Near Dikshabhumi, Ramdaspath, Nagpur - 440 010

✦ 1<sup>st</sup> Floor, The Orion, Koregaon Park Road, Opp. Don Bosco, Pune - 411 001