

महा
मेट्रो

maha-metro CONNECT

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FIRST TRIAL RUN

FROM VANAZ DEPOT

82% work of Multilayer Transport System at Reach-2 completed

Work on one of the important segments of Maha Metro project – which involves construction of Flyover and Metro route over the existing road and railway line at Kamptee Road – is going on in full scale. The structure one of its own kind, will create four-layer transportation mechanism at Gaddigodam, Kamptee Road.

The proposed double decker structure crosses Railway Line at Gaddigodam near Gurudwara on Kamptee Road. This is a most complicated and difficult project work to be carried out ever, especially over the ever-busy Railway line and the road at Gaddigodam Railway-under-Bridge (RuB). Once completed, this would be one of the most unique structure across the country.

The structure at Gaddigodam crossing has facility of 4 tier transportation arrangement. The first level is surface road level below the existing Railway under Bridge (RuB) carrying road traffic, second level is the Indian Railway's Track. After the construction work is over, the third and fourth level would be the elevated national highway flyover and Metro Rail respectively.

The four-layer structure is need of the hour considering every busy road and the traffic congestion there. The road has many academic institutions, commercial establishments, banks, government offices lined up on both sides of the road. It also serves as link between northern and southern locations of the city. Reserve Bank of India, Kasturchand Park, Sitabuldi Fort are some of the historic and prominent institutions on the road.

The Reach-II section of Nagpur Metro Rail Project, which includes the 4-level transportation system, stretches from Sitabuldi Interchange to Automotive Square Metro Station and is 7.30 km long. It comprises seven stations viz., Zero Mile, Kasturchand Park, Gaddigodam Square, Kadvi Chowk, Indora Chowk, Nari Road and lastly Automotive Square station.

The double decker structure on Reach-II section, stretches to 5.3 km (Automotive Square to Gaddigodam). The flyover at third level has four lanes for flyover traffic with each lane having width of 7.50 meters. Technically speaking, a steel composite truss girder of 1400 MT is to be launched over the Railway tracks by suitable launching method. The weight of steel composite truss girder (open web type) of 80m span is about 1400 MT.

SALIENT FEATURES

- ✓ The proposed fly-over and the metro track share 'Right of Way' – the 2 structures to be constructed on a single pier, thus saving cost and also minimising the use of road space.
- ✓ The fly-over structure will start from near LIC Square and culminate at Automotive Square – both located on the busy Kamptee Road.
- ✓ The four levels are – 1. Kamptee Road, 2. Nagpur-Bhopal Railway Line, 3. Fly-over and 4. Metro via-duct.
- ✓ The maximum height of Metro via-duct would be at Gurdwara at Gaddigodam, where the rail line passes over the road.
- ✓ Maximum height of fly-over across the stretch would be at Gaddigodam, where the railway line crosses the road – 14.9 mts.
- ✓ Similarly, the maximum height of via-duct across the stretch would be at the same location - Gaddigodam, where the railway line crosses the road – 24.8 mts.



Conceptual view of Multilayer Transport System



Actual progress of Multilayer Transport System

Zero Mile Freedom Park Experience

To commemorate the 75th year of country's Independence, about 40,000 sq. ft. area surrounding Zero Mile station has been converted into public park 'Freedom Park' and station is now named as 'Zero Mile Freedom Park.'

As one climbs down the North Entry of Zero Mile Freedom Park station, one finds oneself consumed by the beauty of the Freedom Park. The aesthetically done Freedom Park is a perfect example of urban landscaping which comprises of urban public plazas connecting the heritage precincts & event spaces with a careful streetscape, markers like the **"History Wall"**, "War Trophy – T55 Battle Tank", totem poles and plaza entrance areas. The landscaping also comprises of wayfinding & subtle branding spaces and colour and theme-based planting.

The design direction for Freedom Park has been simple, austere and subtle with a balance of the open spaces and an emphasis on ephemeral, permanent and seasonal variations with and a provision of opportunities for human-nature interactions.

Upon entering the Freedom Park from the southern gate, one is welcomed landscaped tree bosque plaza right in the front. One has the magnificent view of the expansive amphitheatre on the left, the **"History Wall"** which continues up to the Shahid Smarak laying a perfect setting for display of events of freedom struggle in form of a timeline and the War Trophy of T-55 Indian Army Battle Tank - standing proudly opposite to it on a raised pedestal.

Apart from providing much needed open public space in the city – especially next to one of the busiest metro stations, the Freedom Park is also the perfect solace for the public at large, providing them with an opportunity to take a break from a mundane schedule to relax and enjoy the nature.

The Park, in-fact, is an oasis of tranquillity for citizens in general and metro commuters in particular.

It also exhibits a beautiful cascading water fall with ribbed laminar flow of water on three levels, which glow proudly in the tricolour. Adjacent to the cascade, lies an artwork **'#NAGPURMETRO'**.

Nagpur metro's **Mahiti Kendra** (Information Centre) has been very aptly located for dissemination of information pertaining to Metro's development and operations. It proves to be an efficient public interface of Nagpur Metro. One is also able to visualize the heritage monument of "Old British Residency" upfront from the lower plaza, which is located just behind the Freedom Park.

Architectural lighting, ample sitting spaces and public art – particularly on the viaduct piers within Freedom Park development makes it a delightful public place even in evening hours. The secure precincts encourage citizens to spend unhindered quality time with their families and loved ones in this especially crafted public place.

The **T-55 tank** has been given by Ministry of Defence to Maha Metro as a war trophy to symbolize the valour of the Indian Army in various wars. The T-55 tanks were introduced by Russia in the years following the Second World War. The Indian Army used the T-55s extensively in its conflicts with Pakistan between the 1970s to the 1980s.

The History wall proudly displays the events related to freedom struggle from the first war of independence until the achievement of freedom in 1947 associated with Nagpur city.

Freedom Park is an important contribution of Nagpur Metro in strengthening of social infrastructure of the city of Nagpur.

FREEDOM PARK



Pune Metro effectively tackling Covid pandemic

The year 2020 shook the entire world when Covid-19 brought everyone's life to a stand-still. Nobody had imagined that a tiny virus will create such havoc on earth. Many of us were directly or indirectly affected by the pandemic. For those who got directly affected and survived, it was almost like their life was re-booted, it was a new life for them. The staff and workers of Pune Metro were no exception, especially the second wave which struck in 2021 was a dreadful experience for some. Fortunately, the HR department of Pune Metro has gone out of its way to look after the welfare of its staff.

At the start of the pandemic itself the Administration, with the support and guidance of MD/Maha-Metro made tie-up with the well-known hospitals in Pune City and ensured that if and when any of their staff or worker gets infected, they will get immediate and best possible treatment. This was ensured not only for the staff but for their family members also. Maha Metro went one step forward and, vaccination was also arranged for all the workers on a priority basis to prevent any life-threatening situation. Vaccination camp has also been arranged at Deccan College casting yard for expediting the vaccination process. Till 25th July 2021, 6167 employees and staffs working on Maha-Metro project are already vaccinated which forms 89 percent of total strength at Pune Metro. Out of the remaining cases, a majority of the cases are pending for vaccination because of some medical reasons or are those who were recently affected by Covid.

Despite of all precautions, Covid did affect some of the staff members and workers, but thanks to the untiring efforts of the team and strong backing from the Administrative Officers of Pune Metro, all the infected persons got urgent attention and timely treatment.



There came a time when a close family member of one of the staff of Pune Metro got positive and was in a critical condition. This happened when the pandemic was at its peak in Pune City & no bed was available in any hospital. In this situation, GM(HR), Sr. DGM(HR) and their team made full efforts to arrange for the treatment of the patient and were ultimately successful in finding a bed in the ICU. The patient eventually got the treatment and survived. The staff and workers of Pune Metro are now assured that their welfare will be taken care of in any situation by the administration and therefore they are now working with a worry-free mind and are able to give their best to the organization.

With First dose of vaccination complete for 89 percent of staffs and workers, Pune Metro is now gearing up for quickly finishing the First dose of 100 percent of its staff and workers and is also working in parallel for the second dose of vaccination for its employees.

Shri. Mangesh Ghildiyal, Dy. Secretary, PMO visits Pune Metro

Pune Metro has always been under close monitoring of Government of India right from the 24th December 2016 when the foundation stone was laid by Hon'ble Prime Minister & now given that the 75th year of Independence is inching closer, Government of India is more closely monitoring the progress & readiness of Pune Metro for commercial operation.

Shri. Mangesh Ghildiyal, Dy. Secretary, Prime Minister's Office recently visited Pune Metro Project office and site on 16th July 2021. The visit was aimed at reviewing the current status of the project followed by few site visits. The visit started with Shri. Mangesh Ghildiyal first visiting Pune Metro's Civil Court Project Office where a film on Pune Metro was shown followed by a Presentation given by MD, Maha-Metro along with Director (Works) & Director (Systems & Operations). He was briefed about Pune Metro's Progress & Timelines as well as regarding the Unique Initiatives undertaken by Pune Metro. He was also briefed about the status of other Projects of Maha-Metro.

He also visited 5D BIM War Room at Civil Court office, where he was briefed about the Project Management Excellence which Maha-Metro has achieved through the pioneering use of 5D BIM Digital Technology Platform. He was also given a demonstration of the 5D BIM platform.

From Civil Court project Office, Shri. Mangesh Ghildiyal visited Civil Court Underground Station site and reviewed the progress of Pune Metro's Interchange station. He was briefed about the Masterplan of Civil Court Interchange station where both Corridors of

Pune Metro are intersecting along with the PMRDA's Metro Line-3. He was also briefed that the tunnelling work between the Civil Court & Budhwarpath section involves passing of tunnel under the Mutha river & with the completion of tunnelling in this stretch, Pune became 4th Indian city where an underground Metro line crosses a river.

Hill View Park Car Depot transformation will always be one of the most distinctive features of Pune Metro Project, given the fact that Maha Metro inherited Kothrud Kachra dumping site with 3.8 Lac cubic meters of garbage and transformed it into Depot site. During the visit to Hill View Park Car Depot, Shri. Mangesh Ghildiyal was briefed about how Maha-Metro turned an adversity into an opportunity and carried out 'Kachre se Kanchan Tak' journey by transforming the site into a Depot cum Commercial Hub. He was also briefed about the facilities being provided at Depot. He was also shown the mock-up of Pune Metro's own Rolling Stock which is currently being manufactured by Titagarh Firema.

He then visited the Sant Tukaram Nagar Metro Station where he reviewed the progress of the station. He also appreciated the unique architectural design of Pune Metro stations. A train ride was also arranged for him from Sant Tukaram Nagar Metro Station to Phugewadi Metro Station. After getting down at Phugewadi Station, a brief discussion was also carried out at Phugewadi office.



Visit of Phugewadi Station



Visit of Civil Court Interchange Station site

Flag-off of Trial Run on Vanaz to Ramwadi Corridor

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 PuneKars .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.



The Known Curse

*Woke up late in the morning with sunrays beside,
Can't say why but felt a bit uneasy inside;
Then rang a door bell, an acquaintance appeared disturbed from outside,
With stuttering voice, gave a message of my friend's suicide.*

*With pulsating heart and tearful eyes, I recalled his memories,
A brilliant student always considered to be very wise;
But, the unemployment started creeping in soon after the education
And it led to insecurity and a huge frustration.*

*Has education no worth in the country?
It makes me introspect;
Have colleges become mere graduate producing factories?
I am sure more than I suspect.*

*I wonder, how many lives will be engulfed,
By this python called unemployment?
Can't we question the economic policies,
And the public agenda of the government?*

*With higher enrollment in universities and ever growing population,
This menace seems to be getting worse;
Lack of opportunities may lead to brain drain,
However, the joblessness is the biggest curse.*

*Thrust on technical, professional education and self employment,
Could be remedies with limitations;
But controlled population growth with a balanced urban-rural industrial development,
Certainly would act as a genuine solution.*



**NILESH GHUGUSKAR,
Manager (HR)**

PROGRESS UPDATE

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.	95%
5	Sitabuldi to Prajapati Sq.	91%

PUNE METRO

SR. NO.	STRETCH	PROGRESS
1	St. Tukaram Nagar to Phugewadi	100%
2	PCMC to St. Tukaram Nagar	90%
3	Vanaz to Garware (E)	80%
4	Phugewadi to Bopodi	63%
5	Bopodi to Range Hill	38%
6	Garware to Civil Court	52%
7	Civil Court to Bund Garden	69%
8	Range Hill to Civil Court(UG)	50%
9	Yerwada to Ramwadi	48%
10	Civil Court to Swargate (UG)	28%

METRO : NEW JOINEES

NAGPUR METRO

YATIN RATHOD
CPM (UTILITY)

MAHESH MORONEY
SR. DY. CPM (CIVIL)

AMIT SHARMA
MANAGER (OHE/ PSI)

SHAMAEEL JAMAL
MANAGER (OHE/ PSI)

ASHOK DHOTE
OFFICE SUPRINTENDENT (STORES)

PUNE METRO

SAHARSH BAJPAI GENERAL MANAGER (HR)	SHANTILAL BHOI SR. DGM (ADMIN)	VINAYAK KADTAN JUNIOR ENGINEER (ELECTRICAL)	SAMEER THAKARE JUNIOR ENGINEER (ELECTRONICS)	PRADIP MORE JUNIOR ENGINEER (ELECTRICAL)	MOHIT THAKUR JUNIOR ENGINEER (ROLLING STOCK)
VIJAY CHOUDHARY JUNIOR ENGINEER (ELECTRONICS)	GAURI PADGELWAR JUNIOR ENGINEER (ELECTRICAL)	MANGESH BHAT SC/TO/TC	ROSHAN JAISWAL SC/TO/TC	PANKAJ WAGHMARE SC/TO/TC	SHIVANAND JADHAV SC/TO/TC
DHIRAJKUMAR PAPDKAR SC/TO/TC	MAHESHKUMAR GIRHEPUNJE SC/TO/TC	ABHIJEET SHENDE SC/TO/TC	ASHISH NARAD SC/TO/TC	PANKAJ SAYARE SC/TO/TC	VIKAS DHAGE SC/TO/TC
VIJAY WAVHAL SC/TO/TC	SHUBHAM KAWALE SC/TO/TC	PRAMOD KINAKE SC/TO/TC	SUSHIL NIRANJANE SC/TO/TC	VIJAY KHARBADE TECHNICIAN (CIVIL - FITTER)	PRAKASH WAGHMARE TECHNICIAN (CIVIL - FITTER)
SACHIN PARAB TECHNICIAN (CIVIL - FITTER)	OMPRAKASH NISHAD TECHNICIAN (CIVIL - FITTER)	OMPRAKASH DANDRE TECHNICIAN (CIVIL - FITTER)	DINESH DHURVE TECHNICIAN (CIVIL - FITTER)	ADIL CHAWARE TECHNICIAN (CIVIL - FITTER)	NILKANTHA DORLE TECHNICIAN (CIVIL - FITTER)
SACHIN MANDHARE TECHNICIAN (CIVIL - FITTER)	PAWAN PIMPALKAR TECHNICIAN (CIVIL - FITTER)	PRAVIN LOKHANDE TECHNICIAN (CIVIL - FITTER)	NAVNATH GADADARE TECHNICIAN (CIVIL - FITTER)	MUKESH DAULATKAR TECHNICIAN (CIVIL - MASON)	SHRADDHA WADEKAR TECHNICIAN (CIVIL - MASON)
AKSHAY BARAPATRE TECHNICIAN (CIVIL - MASON)	GANESH LAWHARE TECHNICIAN (ELECTRO.MECH)	SATISH PATLE TECHNICIAN (ELECTRO.MECH)	UMESH WAKPANJAR TECHNICIAN (ELECTRO.MECH)	GAURAV JAMBHORE TECHNICIAN (ELECTRO.MECH)	BHARTI PATIL TECHNICIAN (ELECTRO.MECH)
SURAJ TAYADE TECHNICIAN (ELECTRO.MECH)	ANAND BADWAIK TECHNICIAN (ELECTRO.MECH)	SARIKA BANSOD TECHNICIAN (ELECTRO.MECH)	EBRAHIM SHEKH TECHNICIAN (ELECTRO.MECH)	UMESH CHOUDHARI TECHNICIAN (ELECTRO.MECH)	RISHANK BANSOD TECHNICIAN (ELECTRO.MECH)
TUSHAR RAUT TECHNICIAN (ELECTRO.MECH)	NEELKANTH NIKUME OFFICE ASSISTANT (ADMIN)	SIDDHESHWAR REDE OFFICE ASSISTANT (HR)			

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'



NAGPUR METRO

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

6,47,661 LIKES

13,700 FOLLOWERS

1,573,337 VIEWS

15,500 FOLLOWERS



PUNE METRO

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

6,10,705 LIKES

13,900 FOLLOWERS

2,122,104 VIEWS

26,300 FOLLOWERS

www.mahametro.org