




**Say hello
to unlimited possibilities.**

Get in touch with us at:

 6th Floor, Wing-A, Shree Nand Dham, Sector 11,
CBD Belapur, Navi Mumbai-400614 Maharashtra, India

 +91 22-6266 1111 (30 Lines)

 info@markolines.com

**Paving the path
towards an
innovative future**

WWW.MARKOLINES.COM

Transformation through experience

Transformation is the key to continual growth of a company. It emerges from an in-depth understanding of its client's business, trust in teamwork and a keen eye to tap opportunities for tomorrow. Markolines is committed to transformation at every turn, and works with an innovative approach that is in tune with the global dynamics. We develop efficient solutions in operating and maintaining infrastructure assets for its clients.

Based in Mumbai, Markolines is a group of companies with expertise in offering superior services primarily in the highways domain. Our offerings also include industry-specific equipment sales and expert consulting for the latest technology, driven to improve asset performance and client experience.

In over a decade and a half, we have transitioned from a single product company to a multi-product company and aspire to be a pioneer of transformation in Highway Operations & Maintenance (O&M). Going forward, we aim to consistently venture into new markets and other infra sectors, keeping sustainability and safety at the heart of everything we do.

Our journey

2002

Incorporated
MARKOLINE
TRAFFIC
CONTROLS
PVT LTD

Started Thermoplastic
Road Marking

Introduced the
Extrusion Technology
for Road Marking
in India

2005

Incorporated
MARKOLINE
INFRA
PVT LTD

2009

Ventured into
Highway
Operation &
Maintenance

2012

10 Toll Plazas
under
management
within a
short span of
three years

2014

Ventured into
Microsurfacing

Partnered with
Bergkamp Inc.
USA for distribution
of Microsurfacing
Paver

Established
the Technology
Centre for Pavement
Preservation

2016

Started
Major Maintenance
& Repairs (MMR)
services for
highways

Received a single
work order of
125 kms for MMR
- worth 150% of
earlier year's
turnover

2017

Becomes India's
Largest O & M Company

300% growth in Order book
over last year in highway O&M

Partnership with
Spruce Up for
distribution of Jatayu,
a litter picking machine

Introduced Microsurfacing
with Fiber in India



On the highway towards future

Moving beyond highways, we aspire to widen our suite of services in O&M to other sectors. We aim to venture into other infrastructural sectors like Railways, Airports, Sea Ports, Non-Conventional Power, Urban Infra, Waste Management and more.

Mission

Markolines endeavours to enhance its potential of innovation, quality and speed to be the most trusted and reliable O&M company. We aspire to serve people across the world by expanding boundaries of possibilities and delivering efficient solutions for infrastructure needs, staying focused on sustainability and safety at all times. We apply superior O&M services to manage high-quality infrastructure through highly skilled resources and innovative technology.

Vision

Markolines strives to be at the prime position for Highway O&M Service through cutting edge technology and execution excellence. We pledge to uphold the values of honesty, transparency and integrity at every step of our journey towards a better future. We are paving the path towards unlimited possibilities to develop into an Indian MNC to deliver high-quality solutions for managing and operating infrastructure assets.

Core Values

OUR FOUNDATION IS ROOTED IN THE VALUES THAT GUIDE US THROUGH OUR JOURNEY TOWARDS SUCCESS.

01 FOR THE COMPANY

Markolines is driven by innovation to derive out-of-the-box solutions. We understand the unique needs of our customers and offer reliable services.

02 FOR THE TEAM

We nurture a sense of equality among our team members and offer them ample opportunities to pursue their passion and grow.

03 FOR THE CUSTOMERS

We are committed to surpass customer expectation and achieve customer loyalty with our excellent services delivered on schedule.

We adhere strictly to ethical practices to aim for 100% customer satisfaction, with integrity.



CORE PURPOSE

MARKOLINES ASPIRES TO BE A LEADER IN THE INDUSTRY TO:

- L**everage its domain expertise
- E**nhance creativity, sense of leadership and worthiness
- A**im to be an Indian MNC
- D**eliver quality products and services
- E**co-friendly technology usage
- R**etain commitment to clients & employees

Services

Roads make a crucial contribution to economic development and growth of a nation. Well-maintained roads bring vital social benefits like providing access to employment. India's ever-widening web of roads needs smooth operation and superior maintenance, and we are here to contribute to it by offering effective and efficient management solutions in Highway Operations, Highway Maintenance, Consultancy Services and Equipment Sales.

We adopt a customer-focused approach, committed to delivering a service that directly addresses the needs of our clients and the society we work in. Our unrelenting drive to improve and our unwavering commitment towards providing our clients with best-in-class services through focus on integrity, dedication and ethics fuels our success. Our professional and dedicated team is led by commitment to deliver the best and become the most preferred company in the sector. As we move forward, we continue to keep health, safety, security and environment at the core – and these are the tenets that we do not compromise on at any time.



Highway Operations



Highway Maintenance



Consultancy Services



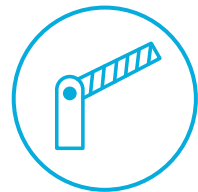
Equipment Sales



Highway Operations

Highways are the vital roads that connect various regions. A perfectly running highway network is one which is well-managed and operated to deliver a safe and comfortable ride to the commuter. We offer a gamut of services to improve the performance of Highway Operations. Our solutions are designed to relieve vehicular congestion, maximise safety and boost the mobility of personal and commercial vehicles. We aspire to deliver a system that is safe, accessible and easy to navigate. Our excellent regional & cultural understanding and the contingency & risk management puts us ahead of the competition.

Toll Operations



Our team's prime objective is to collect maximum revenue by catering to maximum traffic and avoid leakages by minimising exemptions and violations. Markolines regularly imparts soft skills and toll operations training to Toll Staffers to boost efficiency and save time. All our toll operations services are designed considering aspects like safety, effective traffic management and minimum vehicle processing time.



The activities we cover under Toll Operations:

- Traffic Management
- Revenue Management
- Tolling Strategy Studies
- Staff Recruitment and Training
- Surveillance and Audit Systems
- Housekeeping Service
- MIS Reporting

Route Patrolling



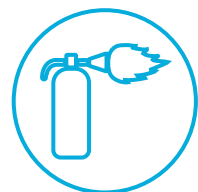
Keeping the routes safe and obstruction-free is a vital aspect of highway operations. With the motto of prevention is better than cure, Markolines Route Patrolling Services ensure that the Highway is under round-the-clock surveillance. Our team rigorously monitors the route for encroachments, blockages, and unlawful activities. We keep an eye for any condition that can potentially disrupt services and takes adequate measures to limit and eliminate the impact. Moreover, Control Rooms manned by experienced personnel help in quick assessment of situations based on the inputs provided by our Route Patrolling Team, to avert major disruption. This helps them alert the Incident Management Team for timely action.



Under Route patrolling, our services include:

- Highway Patrol
- Control Room & HTMS Operations
- Prevention & Removal of Obstruction / encroachment along the corridor
- Highway Asset Monitoring and Reporting
- Security Service

Incident Management



Our Incident Management team undergoes special training to handle any untoward incident that may occur on the routes and manage it in a safe and satisfactory manner till the end. Our team attends to the incident scene in a minimal time frame and tries to restore the flow of traffic at the earliest. We provide emergency medical aid and immediate evacuation of the injured to a nearby hospital. The team also safeguards personal property, conducts accident investigations and supervises scene clearance. Our Incident Management method reduces the effects of incident-related congestion by decreasing the time to detect incidents, arrival of emergency vehicles, and resuming smooth traffic movements.



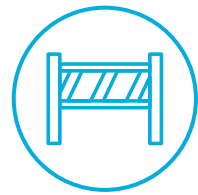
Under Incident Management our services include:

- Accident Management
- Ambulance Service Management
- Crane Service Management
- Fire Fighting Service Management



Highway Maintenance

Highways are lifelines of a nation, it is crucial to keep these in good working condition. Markolines provides a suite of maintenance services to address diverse road conditions. Weather, traffic volume and geographical conditions often impact the roads and it is important to take these factors into consideration while arriving at the right treatment. Our team of experts is experienced to handle repairs, replacements and maintenance projects, and is guided by the tenets of health, safety, security and environment (HSSE). We are updated with knowledge on the latest trends and technologies, and implement the same on our site to deliver an improved solution.



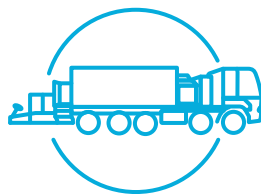
Routine Maintenance

Efficient routine maintenance keeps the road in good condition all the time and makes journeys more safe and pleasant. We take responsibility to maintain and enhance the aesthetic appeal of highways regularly by keeping it neat and operational at all times. By maintaining these vital resources, we enable convenient travel along the route. Our commitment to enhancing the travel experience for all, correct assessment of road conditions and timely delivery makes us a preferred partner.



Services managed under Routine Maintenance:

- Corridor cleaning
- Horticulture: Watering and Maintenance of median and avenue plantation
- Highway Structures and Asset Cleaning
- Repair and Rectification of highway assets
- Electrical Equipment Maintenance



Microsurfacing/Preventive Maintenance

Microsurfacing is a cost-effective surface treatment for preservation and extension of life of roads. With ample technical knowledge, Markolines has ventured into Microsurfacing to execute turn-key jobs and ensure smooth journeys across India. It is an eco-friendly surface treatment used to restore and preserve the surface characteristics of the road. It is a mix of polymer modified asphalt emulsion, graded aggregate, cement, water and additives. When applied in a semi-liquid condition with specialised paving equipment, it changes chemically and sets quickly. As a result, it gives a uniform coat of cold mix dense material that allows lesser downtime, resuming traffic within two hours of laying. It is called Green Technology for infrastructure projects. By using glass fibers in Microsurfacing, we have introduced the next generation known as Microsurfacing with Suspended Fiber Technology (MS-SFT) for the first time in India.



Our expertise in Microsurfacing :

- Own fleet of Microsurfacing Pavers
- Adherence to World-class Standards of Quality.
- Captive Technology Centre for QA/QC
- Tie-up with international organisations such as Bergkamp Inc, Ingevity and Owens Corning for technical back-up

Services managed under Preventive Maintenance:

- Microsurfacing
- Crack Sealing
- Slurry Sealing
- Fog Sealing
- Pothole Filling
- Patch Repairing
- Rut Filling

Moreover, as a step ahead Markolines has set up an exclusive Technology Centre to offer latest techniques in Microsurfacing. The Technology Centre supports the field staff for the precise technical needs of a project considering the vital aspects like condition of road, resources available & environmental conditions and delivers solutions tailor-made for it—making us the #1 in Microsurfacing in India.



Major Maintenance and Repairs

We undertake major maintenance and repairs of highways which covers rehabilitation, renewal or resurfacing of the assets. The complex nature of these projects involves temporary road closures and diversion during the works. Such maintenance project requires accurate planning of resources, adequate safety arrangements, advanced machinery, proper coordination, faster turnaround time and seamless traffic management. Under Major Maintenance our team designs tailor-made plans for each project and follows stringent timelines to minimise disruption time.



Our Major Maintenance activities involve:

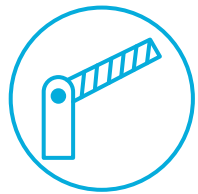
- Pavement Milling
- Bituminous Overlay/ Resurfacing
- Repair and Rehabilitation of Pavement
- Repair/Replacement of Road Furniture like MCB, RPM, Blinkers, and Pavement Markings etc.



Consultancy Services

As a premier company in managing infrastructure assets, we offer our expertise to various companies to take them along on the road towards growth. We believe that knowing the background of a project is crucial to plan and execute the project flawlessly. Markolines offers consultancy for the following services:

Toll Services



Having operated the highest number of out-sourced Toll Projects in India, we have gained remarkable insights and experience in the operations of Toll Projects. This helps us to deliver comprehensive advisory services to our clients. Owing to our excellent regional and cultural understanding, we are able to identify unique challenges associated with operating and managing toll services in different regions. We utilise our expertise to analyse, develop and guide clients to implement the appropriate toll solutions.



We offer consultancy services for:

- Manual Traffic Survey
- Video Based Traffic Surveys
- Drone Based Site Surveys for Highways
- Selection of appropriate Toll Management Systems
- Advisory and Audit Service for Toll O&M

Pavement Assessment & Solutions



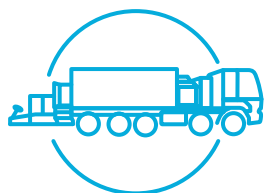
We have extensive experience in evaluating existing pavements: to suggest maintenance solutions and failure assessments. Our in-depth and practical knowledge of pavement conditions, combined with an expertise in materials, allows us to recommend effective solutions. We advise and guide clients towards long-term pavement performance.



We offer consultancy services for:

- Asset Assessment
- Recommendation & Selection of right Pavement treatment

Microsurfacing



We have set up a well-equipped Technology Centre focused to explore possibilities put forward by Microsurfacing. It steers our goal of enhancing on-ground performance of the technology. As the only company in India, backed by a superior technical support, Markolines has created a niche for itself in the industry. The Technology Centre handles the specific technical needs of a client's project, formulating the relevant design mix with an aim to reduce time and effectively utilise materials. This helps us to deliver durable and effective solutions. .



We offer consultancy services for:

- Technical Support to Applicators / Contractors
- Optimisation of Resources like Material, Machinery and Manpower (M3)
- Custom made Mix Designs
- Laboratory Facilities for Material Testing
- Material Certification
- Paver Crew training



Equipment Sales

Markolines is the representative for Bergkamp Inc, USA, in India. Bergkamp Inc. brings 40 years of knowledge and experience in providing quality pavement preservation and maintenance equipment to customers worldwide. Bergkamp is a dominant player in the field of pavement preservation and maintenance equipment in North America. Their technological innovations in the areas of Microsurfacing pavers reduce calibration time up to two-thirds and simplify production adjustments and troubleshooting. Backed by Bergkamp, our dedicated team is able to provide after-sales support. They also customise the equipment to meet unique needs of our customers.



Markolines has partnered with leading companies across the globe to bring advanced technology in providing O&M solutions to infrastructure sector in India, which is cost-effective, efficient and affordable. We invest time to understand the needs of our client and advise them on the most appropriate products. Our technical team is here to provide prompt after-sales support to our clients.

Markolines has partnered with Bergkamp for distribution of:

- Microsurfacing Paver
- Pothole Patcher
- Bituminous Emulsion Plant
- Spreader and Rut Filling Box



We are a proud contributor to the Swachh Bharat Mission, by partnering with Spruce Up. Spruce Up is a team of young, dynamic and talented individuals working for a cause. They have developed, Jatayu - a litter picking machine - a unique innovation made in India, for India and by an Indian. They are also coming up with a range of solid waste management products. We use our well-developed marketing network and experience to facilitate distribution of Jatayu across India.



JATAYU The litter-picker

Jatayu is a portable vacuum based litter-picking machine for instant cleaning that comes with the following features

- Robust design to work in urban as well as rural areas
- All weather-proof
- Operator-friendly
- Capable of handling wet and dry garbage
- Works everywhere, as it can be mounted on a truck, trailer, rail and boat
- Value for money, due to low and easy maintenance



Legacy of change

Our commitment to excellence has brought us far in the area of managing infrastructure assets. Even as we have delivered value to our clients, in the form of dependable services, we have built unmatched strengths within the organisation. With each challenge, we have emerged stronger and more resilient to take on greater projects. The journey so far has filled us with pride and fulfilment.

A Powerful Heritage

Founded in 2002

with single product:
Road Marking

Transformed into
**India's Largest
O&M Company**
in highway sector

PAN India

presence

**Workforce of
1700+** families

10x growth

in last 5 years

Vision:
**20x growth
by 2022**

Every Achievement Matters

We have built Markolines on the pillars of passion, excellence and commitment. Every project completed is a step forward in understanding our client's requirement, precise implementation and satisfaction for our client. That is why, though we are proud of the amount and range of work we have done over the years, we uphold the quality of what we do with greater integrity and commitment.

Our Story Beyond Numbers

Operated
Highest
number of outsourced
Toll Projects

Experience of managing
7000 +
lane kms

Rs. 2500+ Cr
of toll collected till date

175,000
vehicles
processed per day

In-house
execution
of all O&M activities

Complete set up of
Self-owned
machinery

Only Company in India with a
Technology Centre
for pavement preservation

Ready for tomorrow

Buoyed by a winning culture assimilated over the years, Markolines is ready to enhance the way infrastructure assets work. We aim to utilise our competitive advantage to proactively assess clients' needs and deliver efficient solutions, going forward. We aim to enhance our potential by applying our expertise and skills to reinvent services. All this, as we pave the way forward with favourable prospects to offer expert services in emerging global markets.

Winning culture to take us forward

Excellent
Regional & cultural
understanding

Efficient
Contingency & Risk
management

Customer Centric and Proactive
approach

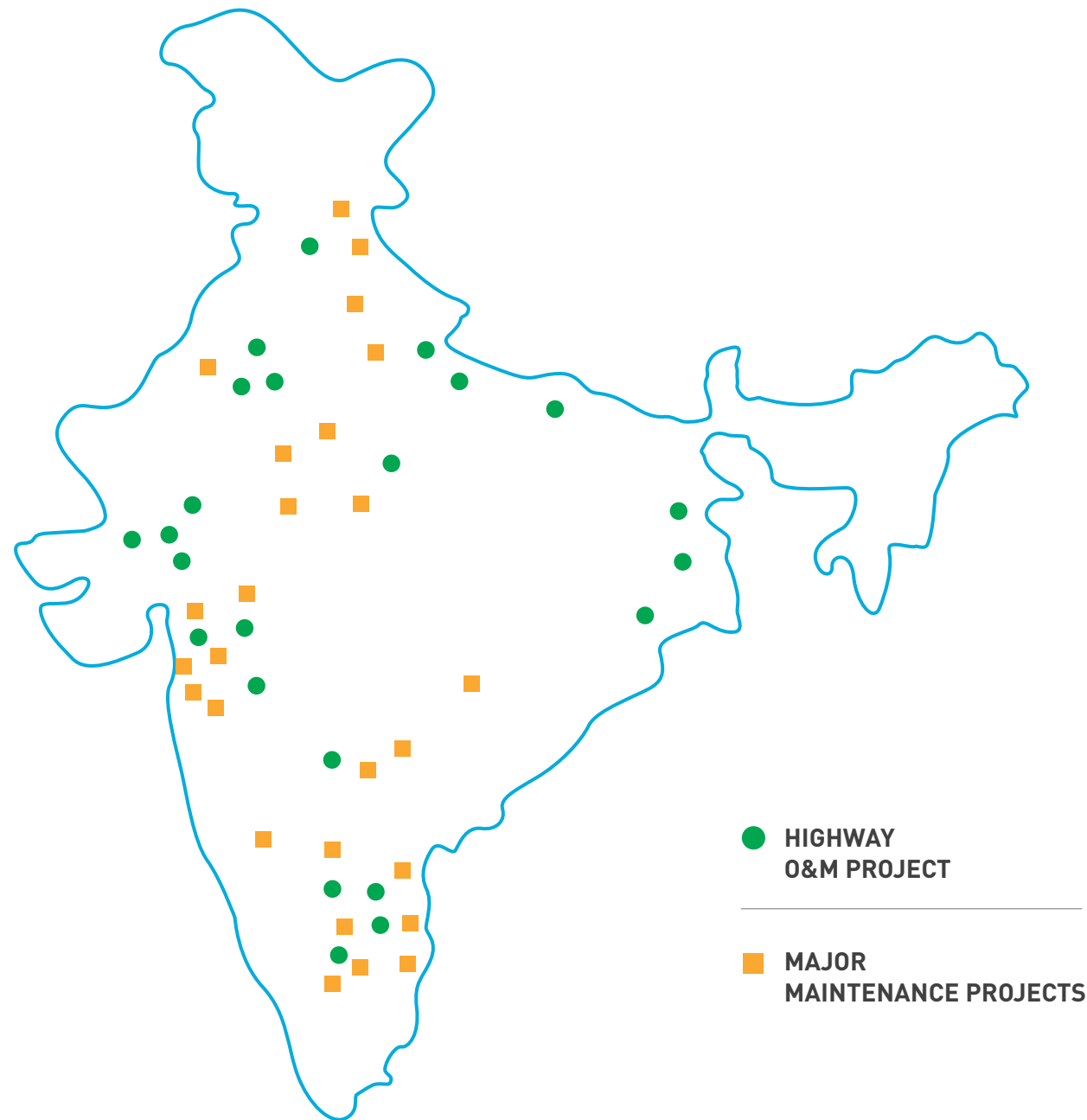
Strong, Experienced & Integral
Executive Team

Strict adherence to
SOPs and Ethical practices

100% Compliance
of statutory requirements

Focus on
Health, Safety, Security and Environment (HSSE)

Our Projects



Clientele

| | | | | | |
|--------------------------|---------------------------------------|------------------------------------|------------------------------------|-------------------------|--|
| CUBEHIGHWAYS | IL&FS TRANSPORTATION NETWORKS | PEAK INFRA | HIGHWAY CONCESSIONS | LARSEN & TOUBRO | |
| ELSAMEX | INFROVATE | PWD MAHARASHTRA | NAVAYUGA | NCC INFRASTRUCTURE | IJM CORPORATION |
| ESSEL INFRA | ENGINEERS INDIA | HINDUSTAN CONSTRUCTION COMPANY | GAMMON INFRASTRUCTURE PROJECTS | UEM (MALAYSIAN CO.) | MEP INFRASTRUCTURE DEVELOPERS LTD. |
| PINK CITY EXPRESSWAY | NAVI MUMBAI MUNICIPAL CORPORATION | RELIANCE INFRA | VISHVARAJ INFRA | PWD UTTARAKHAND | RAMKY INFRASTRUCTURE |

Expanding lines of Possibilities