

Road Progress Monitoring System

Comprehensive package for Road Construction and Monitoring



<http://www.secon.in>

About SECON

SECON is an ISO 9001:2015, NABL Accredited and CMMI Level 3 Certified Multidiscipline Engineering and Mapping Firm, established in 1981. SECON provides end-to-end services on Geospatial & Engineering including Data Capture, Processing, Design & Drafting, GIS Based Customization and Application Development.

SECON's practice areas include:

- Comprehensive Engineering and Mapping solutions for Highways, Irrigation, Cross Country Pipelines, Infrastructure, Public Health Engineering etc. on Onshore - Offshore model
- Web-enabled Enterprise GIS and Software Development
- Photogrammetry, LiDAR and Satellite Image Processing
- GIS/ CADD Data Development and Maintenance
- Engineering Design Solutions

Introduction

RPMS is another feather in SECON's web-based application development. RPMS is meticulously designed keeping in mind the objectives and requirements of our client Karnataka PWD. RPMS maintains data and generates reports for 46 Roads of Bangalore Urban, Rural and Tumkur. SECON as Project Monitoring Cell (PMC) monitors and maintains data in its data-center and thus providing a platform for better execution of work in public and Client interests.

As the name suggests, RPMS provides instant information for Road progress on the fly. It caters to the needs of management for better monitoring and suffices interests of strategic level for better planning and future work allocations.

SECON

Road Progress Monitoring System

Home Roads Login

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“Structural and Functional Improvement of PWD Roads in Bangalore Urban, Rural and Tumkur Districts”

- Road progress data updation and reporting system
- Compliance to MoSRT&H

Why SECON

QUALITY

ISO 9001

TIME

GIS is our Passion. Quality is our Commitment.

Features:

Road Progress Monitoring System (RPMS) is an web based system to assist in progress monitoring of Roads. The present system is developed for PWD to monitor 42 roads construction progress spread across outskirts of Bangalore.

With RPMS, the users can get Physical & Financial Progress of any given Road including their latest photo. Without login, RPMS provides executive summary of progress information of any selected Road. For more detailed progress information such as bar chart, S-curve, progress reports, etc., the user can login with their username & password. The RPMS is highly customizable system to suit client specific requirements.

RPMS is packaged with user authentication to enforce security & data integrity.

RPMS functionalities are:

- PWD Division wise accessibility of road information

- Bangalore GIS Map with

- Easy to Navigate PWD 46 Roads Map. GIS Layer Management facility
- Important Road Information access by clicking respective road, Link to reports, etc.

- Document Management System to view

- Construction equipment details, Meeting/Site visit reports
- Contract & Correspondence documents, Quality Reports, etc.

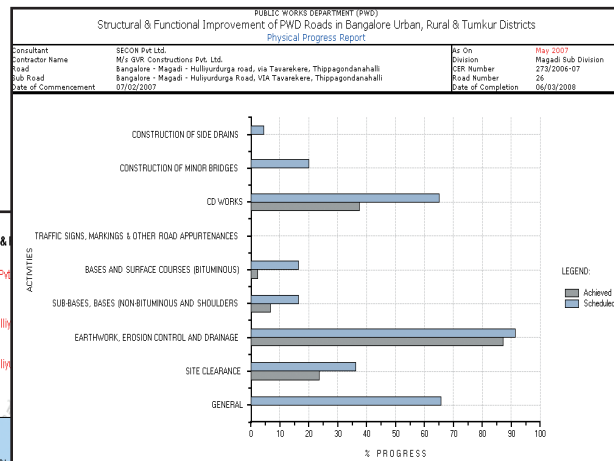
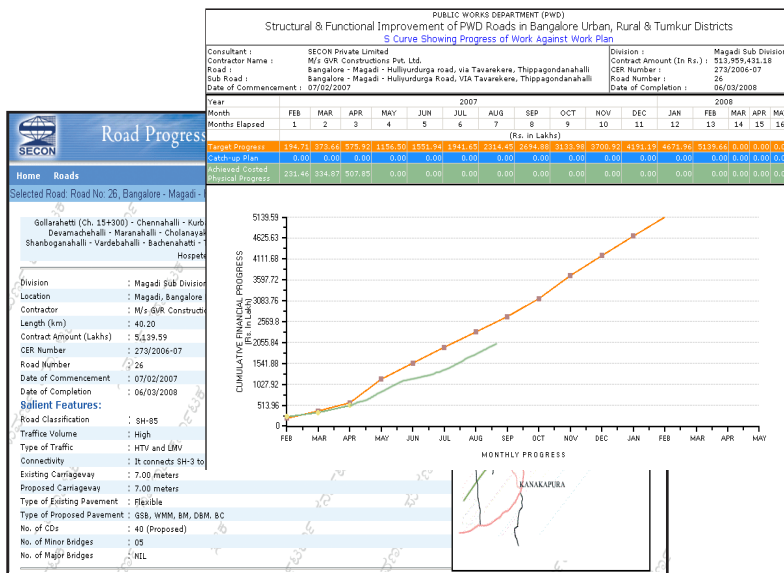
- Executive summary of progress details including latest, location map, Linear & Numerical progress details

- Upload of following type of information from site office

- Contractor Schedule
- Work Progress
- Financial Progress
- Bill information
- Quality Maintenance details

- Customised reports shall be taken such as

- Physical Progress Report - Quantity wise
- Physical Progress Bar Chart
- Financial Progress Report
- Bill payment status report
- S-curve report



Sl. No.	Reference to MOSRT&H Specification	Item Of Work	Contract	Shortfall or surplus (month, if any)	Achieved	Excess / Shortfall	Shortfall or surplus (month, if any)	Achieved	Excess / Shortfall	Excess / Shortfall	Planned	Achieved	Excess / Shortfall
1	111	PRECAUTIONS FOR SAFEGUARDING THE ENVIRONMENT & Site Flagman with yellow vest and yellow cap	70.00	230.00		-200.00	282.00		-282.00	-100.00	282.00		-382.00
2	111	PRECAUTIONS FOR SAFEGUARDING THE ENVIRONMENT & Blower drum diameter-300mm dia	15.00	15.00		-15.00	15.00		-15.00	-100.00	15.00		-15.00

Contact Us

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