

# Bridge Progress Monitoring System

## Comprehensive package for Bridge Inspection Management

<http://www.secon.in>

### About SECON

SECON is an ISO 9001:2015, NABLA 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.

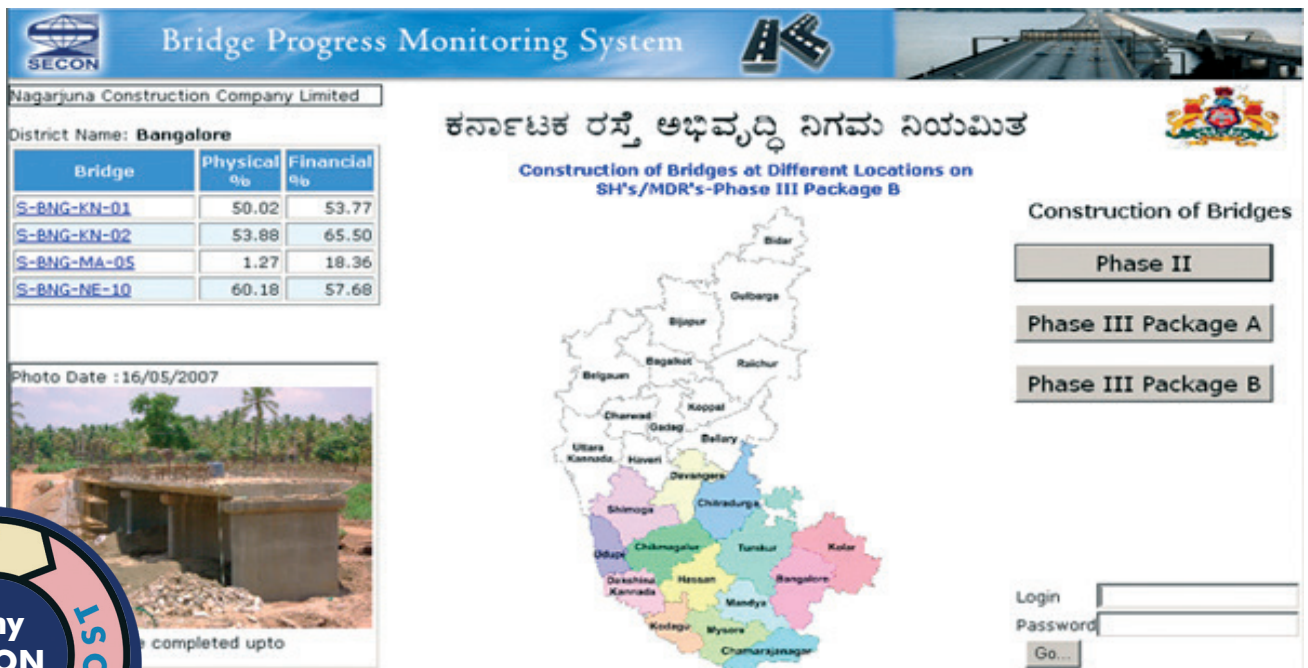
SECON's practice areas include:

- 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

BPMS is another feather in SECON's web-based application development. BPMS is meticulously designed keeping in mind the objectives and requirements of our precious client, KRDC. BPMS maintains data and generates reports for more than 120 bridges distributed among 14 districts of Karnataka state. 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 interests. It also relieves KRDC from loss of financial and physical resources as SECON graciously puts itself forward to support KRDC for maintaining website and data center.

As the name suggests, BPMS provides instant information for bridge 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.



**Bridge Progress Monitoring System**

Nagarjuna Construction Company Limited

District Name: **Bangalore**

Bridge	Physical %	Financial %
S-BNG-KN-01	50.02	53.77
S-BNG-KN-02	53.88	65.50
S-BNG-MA-05	1.27	18.36
S-BNG-NE-10	60.18	57.68

Photo Date : 16/05/2007

completed upto

**ಕರ್ನಾಟಕ ರಸ್ತೆ ಅಭಿವೃದ್ಧಿ ನಿಗಮ ನಿಯಮಿತ**

Construction of Bridges at Different Locations on SH's/MDR's-Phase III Package B

Construction of Bridges

- Phase II
- Phase III Package A
- Phase III Package B

Login:

Password:

Go...



## Features:

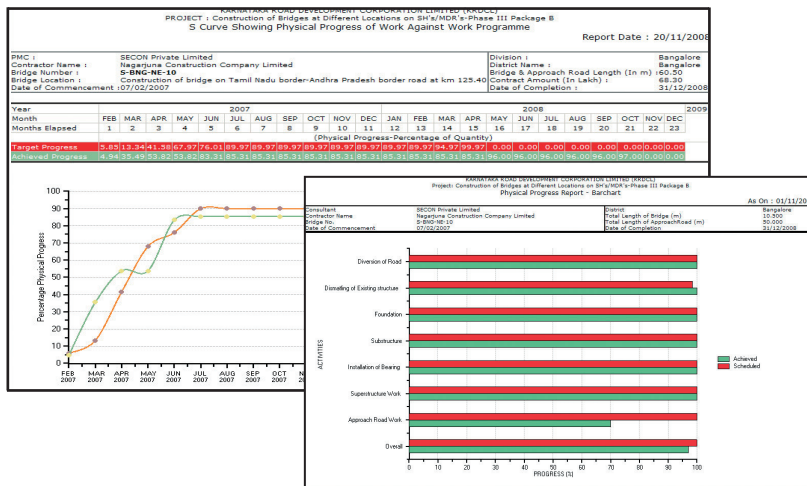
The home page speaks about whole gamut of BPMS. It shows all 14 districts in an interactive way. Single click on a district fetches all bridges, respective physical & financial progress, contractor name who is executing work and the latest site progress image in a fraction of seconds. BPMS has potential to adhere to various phases envisaged by KRDCCL keeping future prospects in mind.

The home page is only a glimpse to the plethora of functionalities that lay ahead. BPMS is packaged with user authentication to enforce security and data integrity. BPMS functionalities are :

### 1. Bridge information management

### 2. Upload Section allows uploading

- Bridge Status Photos
- Instructions Documents
- Inspection Reports
- Monthly Contractor Schedule
- Actual Progress Details
- Financial Details



### 3. Report Section allows printing reports for

- Bridge details,
- Physical and financial statistical reports
- Activity based physical progress (Bar Chart)
- Till date monthly financial progress Planned Vs Actual (S-Curve chart)

### 4. Document Section provides information for

- Drawing & estimation approval
- Inspection details
- Instruction details
- Bridge progress photo

Drawing		Estimation	
<b>Submitted To PMC :</b>	Submitted	<b>Submitted To PMC</b>	Submitted
<b>Date :</b>	26/10/2006	<b>Date</b>	18/4/2007
<b>Remarks :</b>	NCCL/BRO/KRDCL/301/06-07 Dtd. 23/8/06-1st submission NCCL/BRO/KRDCL/454/06-07 dt. 26/10/06 -2nd submission	<b>Remarks</b>	Corrected and sent, Approach road deleted acc to KRDL officer instruction.
<b>Attachment :</b>			
<b>Recommended by PMC :</b>	Recommended	<b>Recommended by PMC :</b>	Review in Progress
<b>Date :</b>	06/11/2006	<b>Date :</b>	21/5/2007
<b>Remarks :</b>	SPL/KRDCL/BRIDGES/10-06/40898	<b>Remarks :</b>	
<b>Attachment :</b>			
<b>Approved by KRDCCL :</b>	Review in Progress	<b>Approved by KRDCCL</b>	
<b>Date :</b>	23/05/2007	<b>Date :</b>	
<b>Remarks :</b>		<b>Remarks :</b>	
<b>Attachment :</b>			

## Contact Us

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