

# Secon Pipeline Construction Manager



<http://www.secon.in>

## About SECON

SECON is a 27 years old Bangalore, INDIA based ISO 9001:2000 certified firm with over 750 personnel. In addition to Multidisciplinary design consultancy services, 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 On-shore, Off-shore model
- Web-enabled Enterprise GIS and Software Development
- Photogrammetry, LiDAR and Satellite Image Processing
- GIS/ CADD Data Development and Maintenance
- Engineering Design Solutions

## Introduction

Pipeline is the heart-line of Oil and Gas transportation. There is an increasing demand for sophisticated and advanced tools to cater to the pipeline project Implementation, Asset Management, Operation and Maintenance.

Secon Pipeline Construction Manager (PCM) is a one-stop solution for tracking the entire construction process for Cross country Pipelines. The web-based interface on the system allows the user to monitor the construction process on a real time basis with various progress monitoring tools & dynamic reporting. Secon Pipeline Construction Manager provides faster & efficient data access with an effective decision making platform. It also offers the support for additional customization as per requirement

Report No	Date	Approved Sheet	Remarks
01	20/12/2005	A17	
02	21/12/2005	A18	
03	21/12/2005	A19	
04	21/12/2005	A20	
05	21/12/2005	A21	
06	21/12/2005	A22	
07	21/12/2005	A23	
08	21/12/2005	A24	
09	21/12/2005	A25	
10	21/12/2005	A26	
11	21/12/2005	A27	
12	21/12/2005	A28	
13	21/12/2005	A29	
14	21/12/2005	A30	
15	21/12/2005	A31	
16	21/12/2005	A32	
17	21/12/2005	A33	
18	21/12/2005	A34	
19	21/12/2005	A35	
20	21/12/2005	A36	



GIS is our Passion. Quality is our Commitment.

## Salient Features:

- Dynamic Pipebook generation
- GIS enabled Map Viewer through which the construction work can be viewed graphically.
- Categorized Document Management System
- Overall Management Information System and reports with graphical representations
- Web-based Pipeline Maintenance, Data Capturing and Monitoring System
- Pipeline Layout Status
- Secured Data Access and accessibility through LAN/WAN/WEB

## Modules:

- Project Management
- Land Acquisition
- Progress Reports
- Document Management
- Station Reports
- Administration

## Reporting Features:

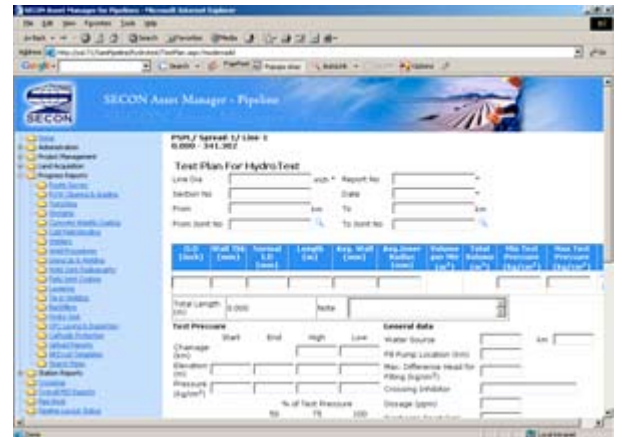
- Day's and cumulative project progress reports for -
- Route Survey
- ROW Clearing and Grading
- Trenching
- Shrinking
- Concrete Weight Coating
- Cold Fiend Bending
- Lining-up and Welding
- Weld Joint Radiography
- Field Joint Coating and Repair
- Lowering
- Tie-In Welding
- Back Filling
- OFC Laying

## Generation of Pipebook

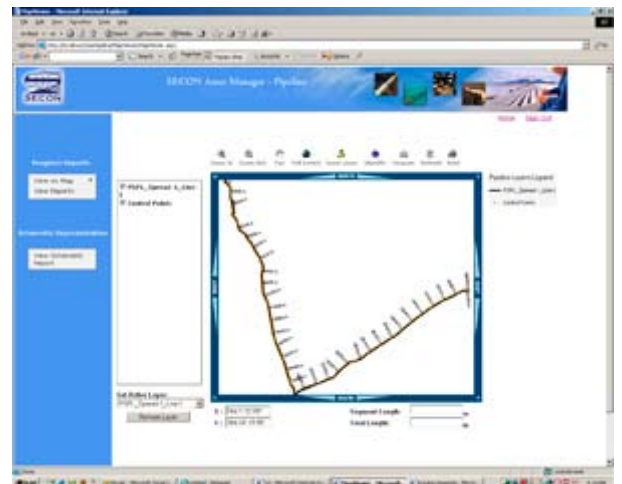
- Hydro testing reports with calculation steps
- Crossing activities and pigging details
- Land Acquisition Process reports

## Advantages:

- Online administrative monitoring and immediate feedbacks
- Decision support MIS and status reports
- Integrated with GIS based spatial data
- The system is compliant to any Relational Databases like Oracle, SQL Server etc.
- Scope of further customizations based on the requirements



User Interface



Map Viewer

## Contact Us

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