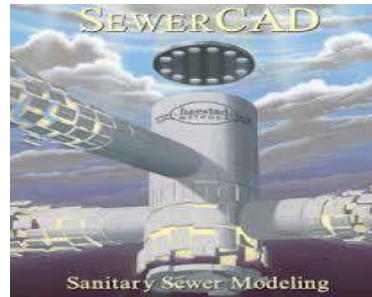


SEWARCAD V8

Sewer CAD (16 HRS)

training course begins with the basics of the traditional way to dispose of waste water is cesspit. the solution is to design sewage collection system . Design of water distribution network is one of the most important infrastructure action .



Introduction :

Municipalities, utilities, and engineering firms around the world use SewerCAD to plan, design, and analyze their wastewater collection systems.

An easy-to-use interface, automatic design features, and stunning presentation tools will help you focus on engineering better sewer collection systems.

Modelers can build complete system profiles on-the-fly with full layer annotation and placement control, instantly recognize bottlenecks in your system with dynamic presentation and reporting tools, and use automated design tools to propose improvements and assess the financial impact of suggested changes.

Learning Objectives:

- Sewer System Overview/Assembling a Model /Sanitary Dry Weather Flows
- Constructing a Gravity Network (Construct and solve a basic gravity network model-multiple scenarios)
- Reviewing Results in SewerCAD (Using FlexTables / Color-Coding / Annotating / Creating Profile)
- Designing a New System with Dry and Wet-Weather Flows (Design a new system for peak flows and test for minimum flows. Automated Design-Designing a New System)
- Pumps and Force Mains/Gravity and Pressure (Analyze the hydraulics of a gravity and pressure sewer system, and design a new branch)
- Extended Period Simulations (Construct a sewer system with gravity and pressure components and run dry and wet weather simulations through time. Review Extended Period Simulation Results)
- Building Model from External Data Sources (CAD/GIS) (Construct a model using the ModelBuilder Wizard and review the topography of the newly created model)



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Bentley
Sustaining Infrastructure

