

# Excel Spreadsheets For Civil Engineering

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## **LIST OF STRUCTURAL ENGINEERING DESIGN EXCEL SPREADSHEETS ...**

Flow Through Orifices. Orifice Discharge into Free Air. An orifice is an opening with a closed perimeter through which water flows. Orifices may have any shape, although they are usually round, square, or rectangular.

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## **Civil and Environmental Engineering | MIT OpenCourseWare ...**

10 Electrical MS Excel Spreadsheets for Electrical Engineers This section is dedicated to tools every electrical engineer can use in daily work. These spreadsheets below will make your job much more easier , allowing you to shorten the time used for endless calculations of cables, voltage drop, various selections of circuit breakers, capacitors ...

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## **Retaining Wall Calculator EXCEL Sheet ...**

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The Excel Formulas in the spreadsheet templates that can be downloaded will calculate water flow rates for pipe sizes (diameters and lengths) using the Hazen Williams formula. Both S.I. versions and U.S. versions of the Hazen Williams equation are presented and discussed. The limitations for use of the Hazen Williams equation for water flow rate calculations are discussed.

## **Water Flow Rates for Pipe Sizes with Excel Formulas, Using ...**

Activated sludge waste water treatment calculations are made easy in U.S. or S.I. units with the Excel spreadsheets that can be downloaded through links in this article. The Excel formulas use parameters like biochemical oxygen demand (BOD), waste water flow rates, and total suspended solids concentrations to make activated sludge aeration tank design and operation calculations.

## **Activated Sludge Waste Water Treatment Calculations with ...**

The designer must understand the assumptions and calculations contained in the spreadsheets and is responsible for their use. Most if not all spreadsheets contain macros. Many engineering spreadsheets are available for use. CAD drawings are available in the Wisconsin engineering CAD drawings section. These documents require Microsoft Excel.

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## **Engineering Spreadsheets | NRCS Wisconsin**

Alternatively the CivilWeb Eccentric Footing Design Excel Sheet is included in the full Foundation Design Suite. This suite of 12 design spreadsheets including all the tools required for any standard foundation design. This powerful suite of spreadsheets is available to purchase at the bottom of this page for only £50 (80% discount).

## **Eccentric Footing Design Excel Sheet - CivilWeb Spreadsheets**

14/08/10 [Utilities] Pocket Excel 3D Circle Fix added. 16/05/10 [Utilities] Site Engineering Manuals added. 11/04/10 [Donations] Hall of Fame page added. 02/04/10 [Utilities] Haversine Casio fx7400gp program added. 26/02/10 [Utilities] Excel 3D 3 Point Circle Fix added.

## **Engineering Surveyor**

A Gantt chart is typically used in business and engineering to plan and schedule projects. If you need a special format for a project timeline, you can create one using the drawing tools in Excel. This spreadsheet below contains two example project schedules. Download the Project Timeline Example (.xls)

## **Timeline Templates for Excel - Vertex42**

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