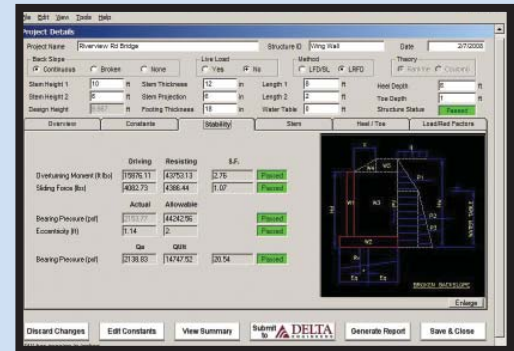
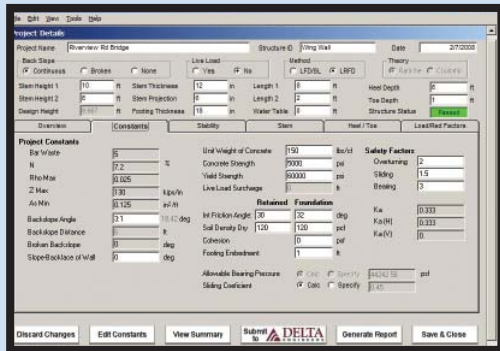




Delta Engineers & Architects, P.C.'s Speciality Precast Concrete Department

New Software: DP_Wall Preliminary Design and Material Estimating Program for Concrete Retaining Walls



DP_Wall Software Screen Shots

Precast Concrete Wing Walls

DP_Wall Software Screen Shots

DP_Wall Software Release: Preliminary Design and Estimating Program for Concrete Retaining Walls

Delta Engineers is pleased to announce our new software package: DP_Wall Preliminary Design and Estimating Program for Precast Retaining Walls. The program, which operates much like our popular DP_Vault software, will perform a complete stability and structural analysis of a cantilever style retaining wall under various user defined soil and groundwater conditions. The program is designed to be intuitive as well as user friendly so that anyone with a basic understanding of retaining wall design can obtain effective results. Some of the features of DP_Wall Software include:

- The option to use either traditional service load design or Load and Resistance Factor Design (LRFD).
- The ability to select various backslope conditions
- Input for live load surcharge
- Both Rankine and Coulomb earth pressure methods
- A water table input for the consideration of submerged walls
- Allowable bearing pressure and sliding coefficients can be either user specified or calculated based on soil type
- Reinforcing design for stem and footing along with estimated concrete and rebar quantities
- Bright green and red indicators to quickly and easily determine if the design is adequate
- An internal database to keep track of estimates

In addition to the above features, this program also has the unique ability to electronically submit your design data directly to Delta for professional review and complete design calculations.

You can see a demonstration of this product at the NPCA Precast Show in Houston, TX on Feb 20 – 22, 2009. Simply stop by the Delta booth #1433. To learn more about DP_Wall, DP_Vault, or Delta's specialty precast concrete services please contact **RonThornton** at (607) 231-6612 or rthornton@deltaengineers.com

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