MPanel FEA
Version 18 update

The version 18 update continues to improve performance and features combined with changes to the core of the program to ensure compatibility with current versions of AutoCAD and Rhino. Below is a brief list of the updates with reference details in the update drawing file and links to some detailed videos which demonstrate how the new features work.

Use MPanel for link tensions

▶ **Use MPanel estimate**

When reading in a model FEA, will normally find any cables and calculate initial tension estimates. This new option allows us to use the MPanel-Pro model cable tensions rather than calculating initial tension estimates.

Pole footer (footings) estimation now included

- Footer depth estimates included in plot results for simulated and cantilever poles
- Footer specifications included in materials database
- Footer estimator allows for factored loads

Fix only in LC0 changes

- "Fix only in LC0" polys now plot out in the relevant check models.
- "Fix only in LC0" polys now show sum reactions and udl's in report plots for LC0.

Help improvements

The help button is now context sensitive and will take you to the relevant help file page based on the currently selected primary menu function.

We have added a number of new tutorial videos to the examples to demonstrate use of the program for various fabric forms.

We trust you will enjoy these new features and that they will benefit your company.

Thank you for your continued support and again, we encourage you to provide feedback and suggestions for improvements.

MPanel Support Team

June 2024