O-Calc® Pro Line Design dramatically changes the way utility poles can be analyzed. In O-Calc Pro Line Design, a line of utility structures can be modeled and analyzed together, drastically reducing the time it takes to model a set of distribution poles across the circuit.

O-Calc Pro users have the ability to create line designs, placing the structures according to real-world coordinates using standard geographic information systems (GIS) such as OpenStreet, Google Maps, or Bing Maps. Or, you can use your internal GIS mapping system using Shapefiles or GeoJSON.

New Features and Functionality

- Globally substitute a span type or add spans to the line with a single drag-and-drop
- Define a framing construction assembly and apply it to an entire circuit or a subset of selected poles
- Perform the loading calculation on a single pole or on each pole of the circuit in a batch mode, either for a fixed wind angle or sweeping the wind
- Perform clearance analysis and right-of-way analysis on an entire circuit or subset of poles
- Ability to model jumpers from insulator to insulator, with the option to auto-generate jumpers
- Ability to model phase rolls with the option to auto-fix phase rolls for entire circuits or for selected poles
- Create a set of service drops to a premise location from the map view
- Branch a circuit, create circuit taps, and line extensions
- Import pole information, such as type (class, height, species) and location (latitude, longitude, elevation) from GIS data or Excel files

For more information on O-Calc Pro, call 770.631.6995 or email ocalc@osmose.com.