

Soil-structure interaction FAQ

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Reporting

Why is the governing soil pressure not shown in the output table?

Extended Question: Under File > Print Tables > Table: Soil Pressures - Enveloping Summary, the minimum soil pressure is presented as one value, whereas a more extreme value is presented when Soil Reaction Forces are graphically displayed. Why is the proper enveloped value not recognized in the table?

Answer: Soil pressures are reported by panel when displayed in tables. Panels are defined as areas bound by gridlines. Additional gridlines should be included such that the entire slab area is included within panel regions.