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- Current practice is often to estimate an equivalent-linear stiffness, estimate a Poisson's ratio, and put these into an elastic Mohr-Coulomb framework in programs such as Plaxis or FLAC.
- This can be improved by using hyperbolic elastic stiffness for foundations at small to moderate strains, and by using Cam Clay models when working beyond plastic yielding for earthworks on soft clay.
- Project-specific FEA is the topic of the next speaker.
- But I will show that non-linear FEA can be used to validate simplified calculation procedures that may be more appropriate for design and decision-making.

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33