

# LECPres II

## Precast/Prestressed Concrete Beam Design Software

### We've added important new features to LECPres:

- Now models openings, pockets, partial ledges and other discontinuities along the member.
- Supports Canadian code, in addition to ACI 318-99 and ACI 318-02, with a choice of English or Metric units
- Automatic calculation of horizontal shear reinforcement at topping interface.
- Long file name and network directory support
- Plus many other enhancements in response to customer feedback.

### All the capability you need for the design of precast double tees, rectangular, L and inverted tee beams, pocketed spandrels and hollow-core or solid slabs for buildings:

- Handles any combination of prestressing strand and/or mild reinforcing.
- Built-in torsion analysis
- Straight and single or double strand depression
- Automatic or manual prestress loss calculations
- Camber prediction at release, erection and final
- Bi-linear deflection calculation is used when cracking stress is exceeded.
- Convenient built-in section property calculator.
- Transformed section is used for stress calculations.
- Two stage topping thickness option
- Supports sloped top flange
- Allows cantilevers at one or both ends.
- Provides top steel required for IT and L beams.
- Calculates horizontal shear reinforcement at topping interface.
- Option for rebar anchorage at ends of member
- Multiple uniform, concentrated and trapezoidal loads, even concentrated moments. Any of these can be eccentric.
- Can specify percent of live load to apply to service load stresses (useful for parking deck design).
- Easy to use Windows graphical interface with print preview.
- Compact three page printout lists all information.

Load Case	Dead Load	Live Load	Roof (Rain/Snow)
1	1.2	1.6	0.5
2	1.2	1	1.6
3	1.4	0	0

Best of all, one year of telephone support and maintenance updates are included in the initial license fee. Call us at (847) 705-1396 for details about our free 30-day trial license.

Losch Software, LLC

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