

Version 1.2.1 bug fixes:

- 1 Loading information was not getting saved properly when the user is trying to add different number of loads in each span.
- 2 Section names were not getting updated properly in Section Table for Two-Way slabs.

Version 1.2.0 bug fixes:

1. When the license is locked in other computers, the program shows the list of computer names, that are using the license. This list was not being displayed properly.
2. The license activation process has changed. Before if the license for a user was activated on a LAN Connection, and later if the program was used on a WiFi Network, the program would not run. This has been fixed.
3. Section Manager was not updating the section names properly when edited through the dialog box. Changing the names in the Section Manager Table directly was not saving the same in the respective Section Properties. Additionally, the Tree Menu was not reflecting such changes in the section names.
4. Earlier the use of special character in section names such as “24”x24” Column” led to errors on opening the files. To avoid that, the program displayed a warning to avoid using special characters in section name. This issue has been fixed and the user can use any special character.
5. The new trackbar introduced in Version 1.1.0 to directly adjust the number of output points in the result diagrams was getting reset every time the user clicked on Force and Tendon Profile.
6. Multiple display scaling issues have been fixed. The program would not scale properly if opened on different screen sizes.
7. Other display issues have been fixed. This version will be much smoother with much less flickering.



Updates in Ver 1.1.0



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1

Multiple segments in Beams, One-Way and Two-Way Slabs

In addition to beams, users can now have multiple segments within a single span of one-way and two-way slabs as well. This feature can be used to model openings or holes in a slab.

Create Geometry

Member Name:

Structure Type:

No. of Spans:

Cantilevers
Left Right

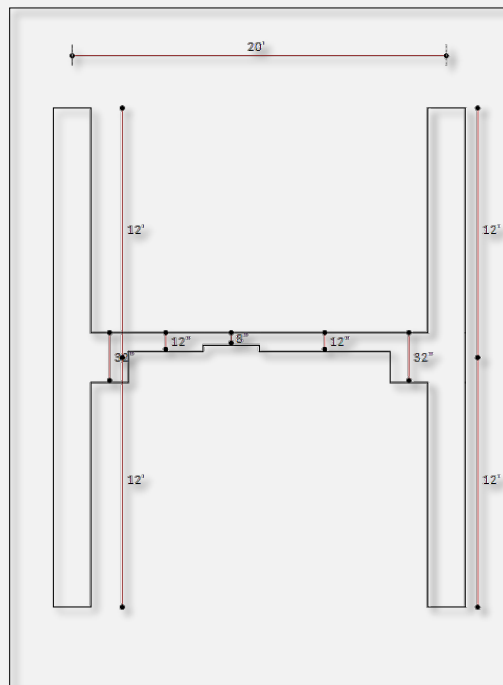
Live Load Arrangement
Skipped Uniform

Number of End Spans
Left Right

Span	Length (ft)	Left Support	BOTTOM COLUMN			TOP COLUMN			Right Support	BOTTOM COLUMN			TOP COLUMN		
			Lc (ft)	Section	Fix	Lc (ft)	Section	Fix		Lc (ft)	Section	Fix	Lc (ft)	Section	Fix
1	20.00	Column	12.00	Col	Fixed	12.00	Col	Fixed	Column	12.00	Col	Fixed	12.00	Col	Fixed

Span	Length(ft)	Left Cap	Right Cap	Segs	Seg-1	Section-1	Seg-2	Section2	Seg-3	Section3
1	20.00	Cap	Cap	3	7.00	Slab2	3.00	Slab	10.00	Slab2

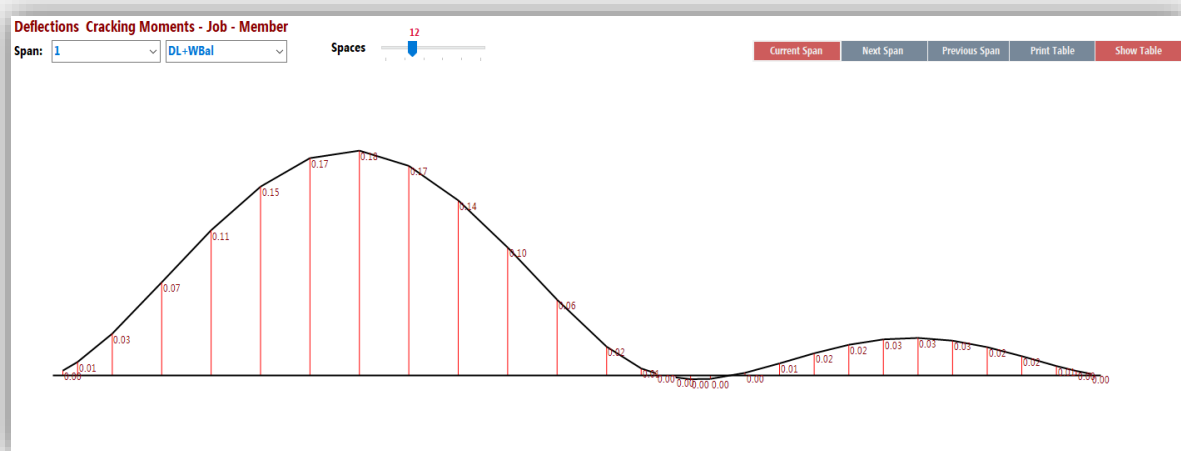
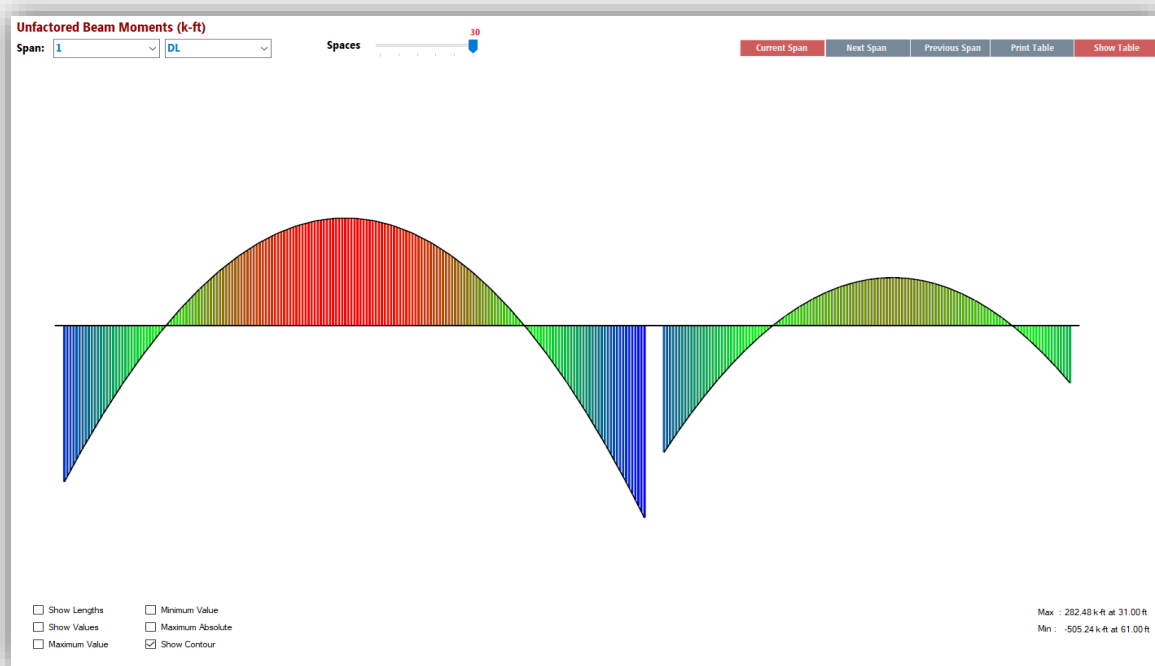
*All spans with segments are entered from left to right



2

Diagrams for bending moments, deflections, and stresses.

Now the results for bending moments, deflections and stresses are accompanied with their respective diagrams.



Also the number of design points can be adjusted right on the diagram, by adjusting the bar on the top. By adding more design points, the user will get results at more points and the diagram will look more refined as shown below.

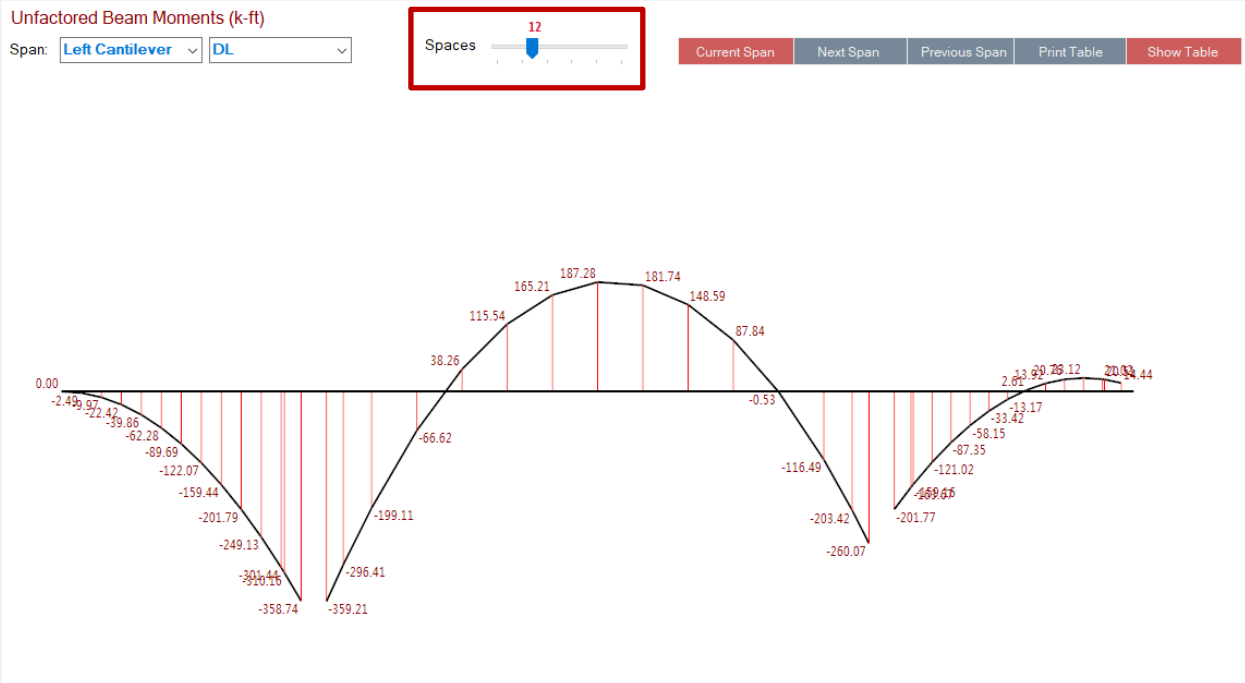


Diagram with 12 design points

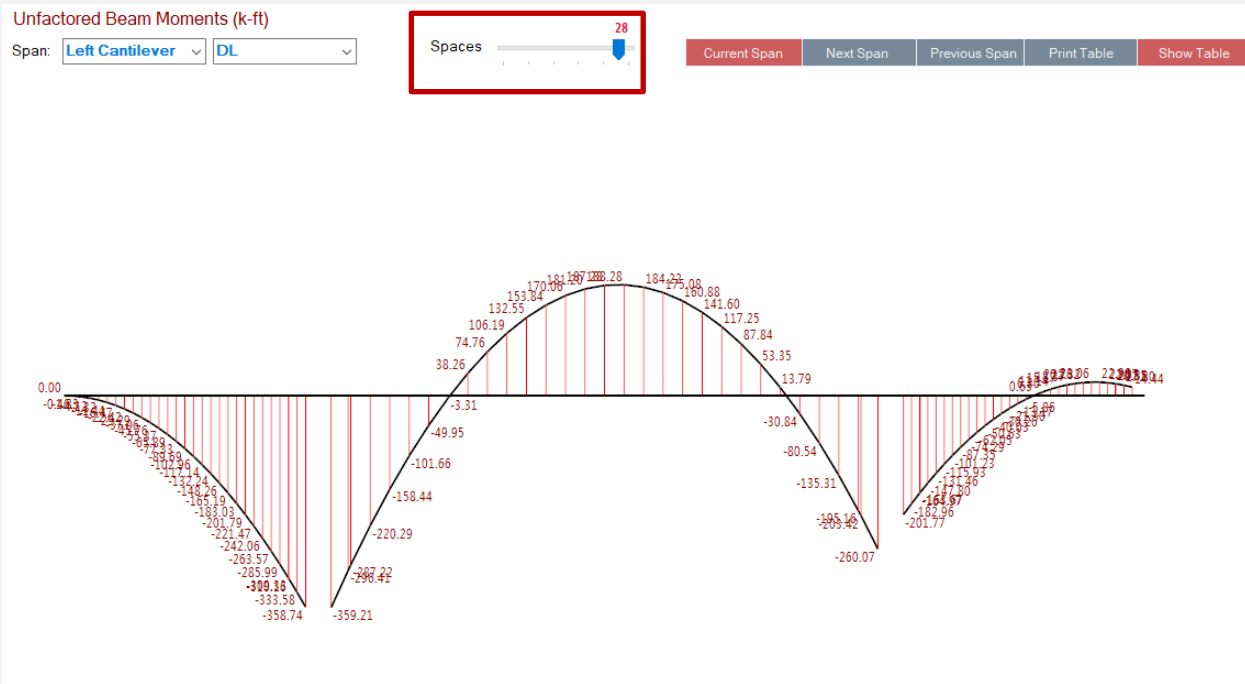


Diagram with 28 design points



3

Corrections were made to load factors under “Configurations”.

The load factors for ACI 318-14 and ACI 318-11 has been added and the user now has the flexibility to choose between different code versions:

Configuration
✕

Column Modeling Option

Top and Bottom Columns Always Present

Top Column Present for Superimposed Loads Only

Cracking Moment Calculations

Ignore Cracking Moment Calculations

Include Cracking Moment Calculations

Minimum Shear Cap Size

Disabled

Enabled

Non-Controlling Cantilever Iteration

Iterate Highpoint - Use Sag in Cantilever

No Iteration - Straight CantileverTendon

Load Factors

KDL

KLL

KW

KW2

KDW

KCOMB

KDL1

KLL1

Spaces

Column le/lgross

Fpu (ksi)

Effective Tendon Stress (ksi)

Low Relaxation

Normal Relaxation

Code

ACI 318-99

ACI 318-02 to 318-08

ACI 318-11 and 318-14

Set As Default

Restore Defaults

OK - Return To The Main Menu

Apart from these there have been numerous bug fixes and interface improvements.

