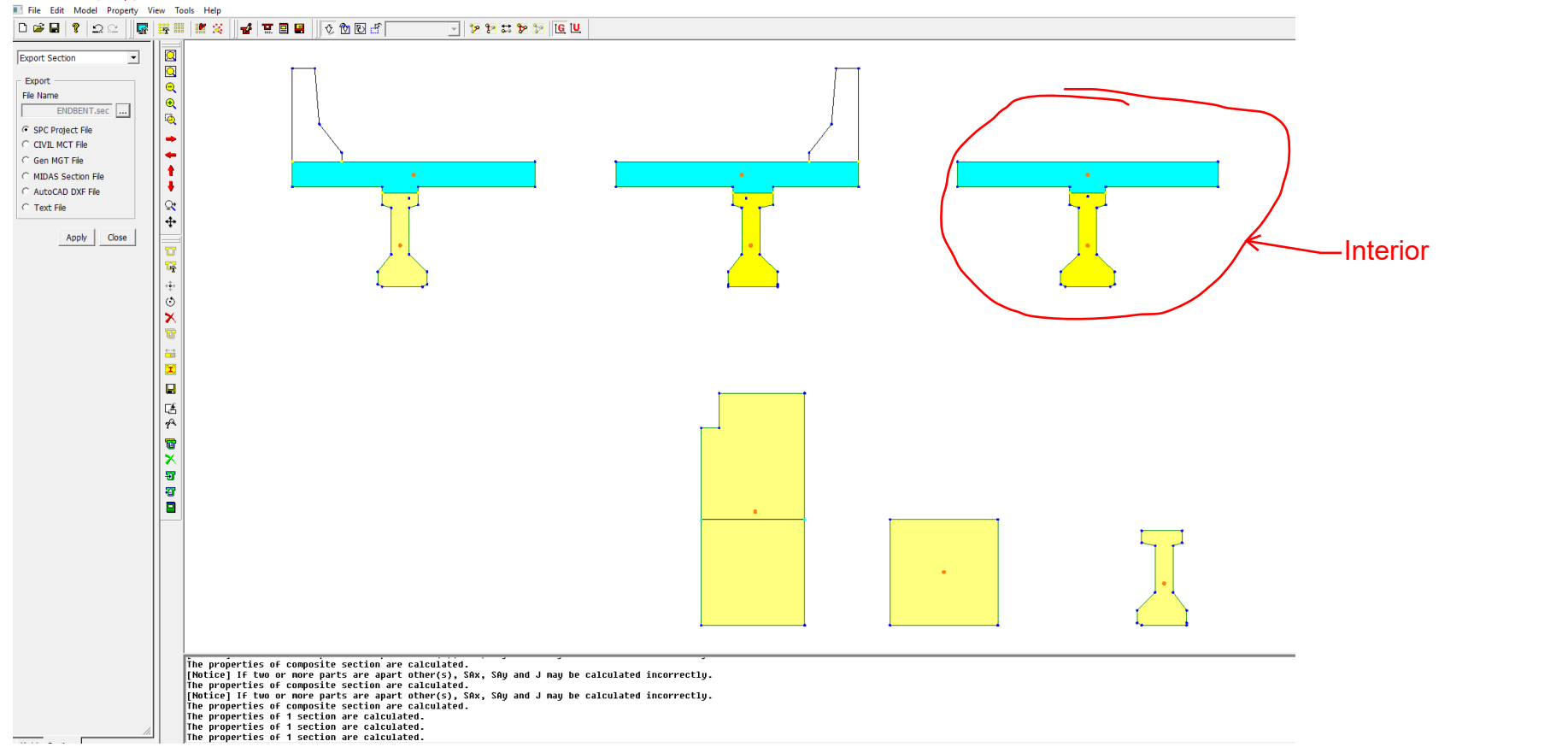


Composite Section Property Table

| Composite | Interior | |
|-------------------|------------------------|--|
| Parts | Deck | |
| | Value [Length-Unit:ft] | |
| Area | 5.021187 | |
| S _{Ax} | 4.232622 | |
| S _{Ay} | 3.523238 | |
| b _x | 0.236145 | |
| b _y | 18.882813 | |
| J | -0.024658 | |
| (+)C _x | 0.907711 | |
| (-)C _x | 3.404670 | |
| (+)C _y | 3.428630 | |
| (-)C _y | 0.369925 | |
| | 0.505075 | |

MIDAS/SPC V1.5.5 - [SPC1.spc]

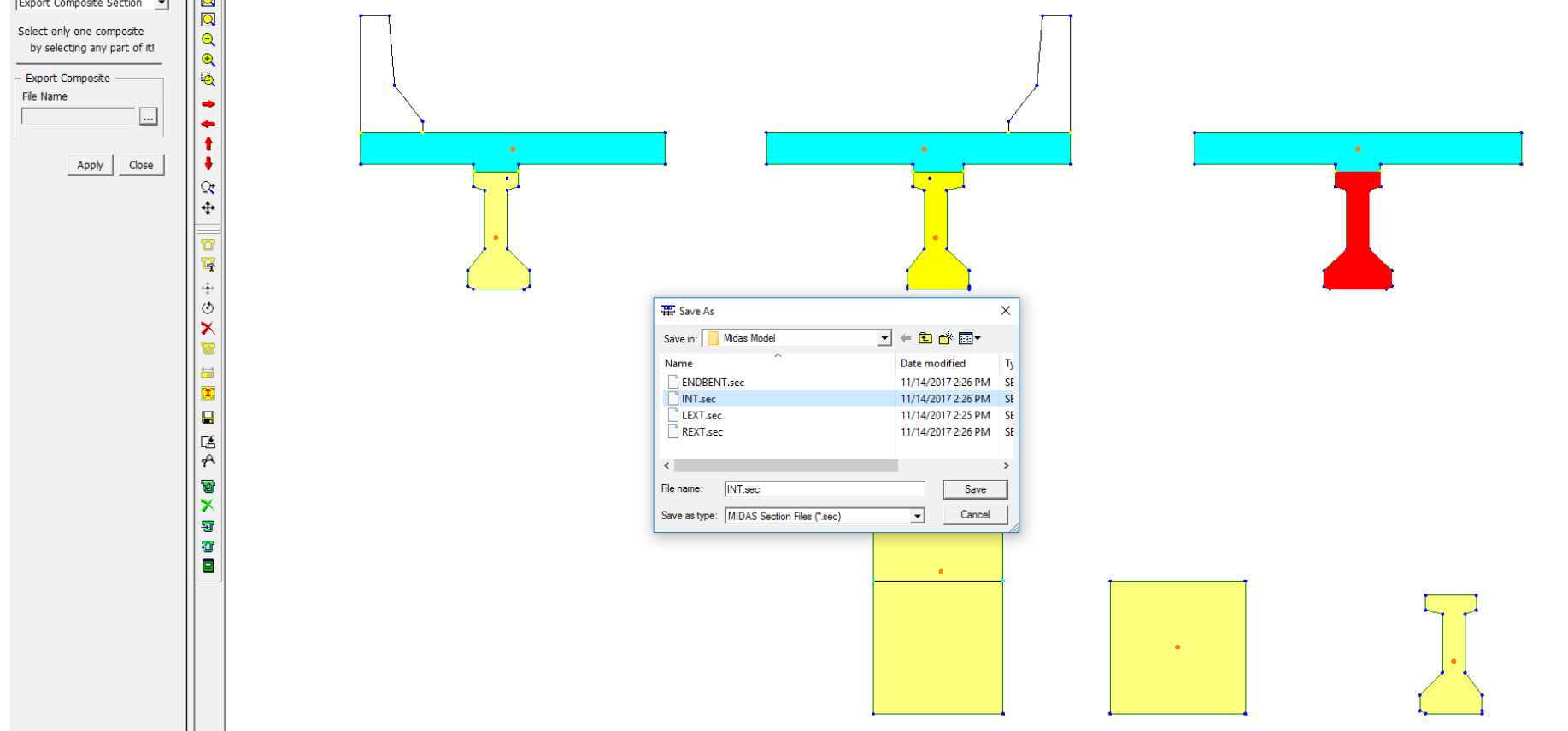


The properties of composite section are calculated.
 [Notice] If two or more parts are apart other(s), S_{Ax}, S_{Ay} and J may be calculated incorrectly.
 The properties of composite section are calculated.
 [Notice] If two or more parts are apart other(s), S_{Ax}, S_{Ay} and J may be calculated incorrectly.
 The properties of composite section are calculated.
 The properties of 1 section are calculated.
 The properties of 1 section are calculated.
 The properties of 1 section are calculated.

Composite Section Property Table

| Composite | Interior | |
|-------------------|------------------------|--|
| Parts | Type 2 | |
| | Value [Length-Unit:ft] | |
| Area | 2.159374 | |
| S _{Ax} | 1.499689 | |
| S _{Ay} | 1.305975 | |
| b _x | 1.638557 | |
| b _y | 0.198242 | |
| J | 0.000732 | |
| (+)C _x | 0.284587 | |
| (-)C _x | 0.708329 | |
| (+)C _y | 0.708371 | |
| (-)C _y | 1.493576 | |
| | 1.173124 | |

Export Composite Section



| Name | Date modified | Typ |
|--------------------------------------|--------------------|-----|
| <input type="checkbox"/> ENDBENT.sec | 11/14/2017 2:26 PM | SE |
| <input type="checkbox"/> INT.sec | 11/14/2017 2:26 PM | SE |
| <input type="checkbox"/> LEXT.sec | 11/14/2017 2:25 PM | SE |
| <input type="checkbox"/> REXT.sec | 11/14/2017 2:26 PM | SE |

File name: INT.sec
 Save as type: MIDAS Section Files (*.sec)

Composite Section Property Table

| Composite | Interior | |
|-------------------|------------------------|--|
| Parts | Type 2 + Deck | |
| | Value [Length-Unit:ft] | |
| Area | 6.650589 | |
| S _{Ax} | 3.980844 | |
| S _{Ay} | 1.741836 | |
| b _x | 7.674622 | |
| b _y | 17.210938 | |
| J | -0.960449 | |
| (+)C _x | 1.294658 | |
| (-)C _x | 3.300334 | |
| (+)C _y | 3.532966 | |
| (-)C _y | 1.018866 | |
| | 2.522834 | |

Section Data

DB/User | Value | SRC | Combined | PSC | Tapered | Composite | Steel Girder

Section ID: 13 | Name:

Section Type: Composite-General

Part: Total

| Section Properties | | |
|--------------------|--------------|------|
| Area | 0.00000e+000 | in^2 |
| Asy | 0.00000e+000 | in^2 |
| Asz | 0.00000e+000 | in^2 |
| Ixx | 0.00000e+000 | in^4 |
| Iyy | 0.00000e+000 | in^4 |
| Izz | 0.00000e+000 | in^4 |
| Cyp | 0.0000 | in |
| Cym | 0.0000 | in |
| Czp | 0.0000 | in |
| Czm | 0.0000 | in |
| Qyb | 0.0000 | in^2 |
| Qzb | 0.0000 | in^2 |
| Peri:O | 0.00000e+000 | in |
| Peri:I | 0.00000e+000 | in |
| Cent:y | 0.0000 | in |
| Cent:z | 0.0000 | in |

Import SEC Files...

Calc. Sect. Properties

Composite Section for PSC Design

Web Thick. for Shear(total): 0 in

Before Composite Section: Part 1

Offset: Center-Center

Consider Shear Deformation.

Consider Warping Effect(7th DOF)

Show Calculation Results... OK Cancel Apply

Section Data

DB/User | Value | SRC | Combined | PSC | Tapered | Composite | Steel Girder

Section ID: 13 | Name:

Section Type: Composite-General

Part: Total

Import Section from SPC

Section List

- 8:DECK

OK Cancel

| Section Properties | | |
|--------------------|----|------|
| Area | 00 | in^2 |
| Asy | 00 | in^2 |
| Asz | 00 | in^2 |
| Ixx | 00 | in^4 |
| Iyy | 00 | in^4 |
| Izz | 00 | in^4 |
| Cyp | 00 | in |
| Cym | 00 | in |
| Czp | 00 | in |
| Czm | 00 | in |
| Qyb | 00 | in^2 |
| Qzb | 00 | in^2 |
| Peri:O | 00 | in |
| Peri:I | 00 | in |
| Cent:y | 00 | in |
| Cent:z | 00 | in |

Import SEC Files...

Calc. Sect. Properties

Composite Section for PSC Design

Web Thick. for Shear(total): 0 in

Before Composite Section: Part 1

Offset: Center-Center

Consider Shear Deformation.

Consider Warping Effect(7th DOF)

Show Calculation Results... OK Cancel Apply

Section Data

DB/User | Value | SRC | Combined | PSC | Tapered | Composite | Steel Girder

Section ID: 13 | Name:

Section Type: Composite-General

Part: Total

| Section Properties | | |
|--------------------|--------------|------|
| Area | 6.91160e+000 | in^2 |
| Asy | 4.04438e+000 | in^2 |
| Asz | 1.63113e+000 | in^2 |
| Ixx | 00 | in^4 |
| Iyy | 00 | in^4 |
| Izz | 00 | in^4 |
| Cyp | 00 | in |
| Cym | 00 | in |
| Czp | 00 | in |
| Czm | 00 | in |
| Qyb | 00 | in^2 |
| Qzb | 00 | in^2 |
| Peri:O | 1.64168e+001 | in |
| Peri:I | 0.00000e+000 | in |
| Cent:y | 0.0000 | in |
| Cent:z | 2.0000 | in |

CVLw

[Warning] Since there was a problem in generating a mesh, the hidden section may not be drawn properly. Please check if the section was created correctly in SPC.

OK

Import SEC Files...

Calc. Sect. Properties

Composite Section for PSC Design

Web Thick. for Shear(total): 0 in

Before Composite Section: Part 1

Offset: Center-Center

Consider Shear Deformation.

Consider Warping Effect(7th DOF)

Show Calculation Results... OK Cancel Apply

Section Data

DB/User | Value | SRC | Combined | PSC | Tapered | Composite | Steel Girder

Section ID: 13 | Name:

Section Type: Composite-General

Part: Total

| Section Properties | | |
|--------------------|--------------|------|
| Area | 6.91160e+000 | in^2 |
| Asy | 4.04438e+000 | in^2 |
| Asz | 1.63113e+000 | in^2 |
| Ixx | 1.07547e+000 | in^4 |
| Iyy | 7.86203e+000 | in^4 |
| Izz | 2.24648e+001 | in^4 |
| Cyp | 0.7084 | in |
| Cym | 0.7083 | in |
| Czp | 0.4936 | in |
| Czm | 2.1731 | in |
| Qyb | 0.0000 | in^2 |
| Qzb | 0.0000 | in^2 |
| Peri:O | 1.64168e+001 | in |
| Peri:I | 0.00000e+000 | in |
| Cent:y | 0.0000 | in |
| Cent:z | 2.0000 | in |

Import SEC Files...

Calc. Sect. Properties

Composite Section for PSC Design

Web Thick. for Shear(total): 0 in

Before Composite Section: Part 1

Offset: Center-Center

Consider Shear Deformation.

Consider Warping Effect(7th DOF)

Show Calculation Results... OK Cancel Apply