



**STEEL PLATE GIRDER  
SIMPLE SPAN – STRAIGHT  
GIRDER DETAILS**

**NOTES TO DESIGNER:**

Standard is to be used for straight, simple span(s), steel plate girders. The standard includes dead load deflection diagram, camber note, and table for top of slab elevations along centerline girder. The standard is used along with standard SGDET1A which includes girder details: tables for plate sizes, dimensions and tension flange limits; and details for stiffeners, connector plates, etc. See file no. SGCELLS, for modifications with other cells.

**ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARD:**

DEAD LOAD DEFLECTION DIAGRAM:

Deflected shape is shown for hump vertical curve and may be replaced with other shape(s) (straight gradient, sag vertical curve) in the cell library(sg.cel).

Add dimension for minimum slab thickness in dead load deflection diagram. Fill in table. Show values using  $\frac{1}{8}$ " increments.

TOP OF SLAB ELEVATIONS ALONG CENTERLINE GIRDER:

Fill in table.