QSECTION Template Format

1. Column 1
   1. “S”

Set default superelevation.

* + - Values are in percent
    - Column 2 is left and column 3 is right
  1. “A”

Set alignment controls.

* + - Layers for edge control polylines (MUST be LWPOLY or POLYLINE entities – will not compute for any other entity)
    - Column 2 is the alignment number, column 3 is the layer name
    - Only defined when QSECTION is first run (or reset)
    - Note that if using station to station control all template files must contain the same alignment control definitions (these are only computed when the first file is loaded). Also,
  1. “L”

Left control. Description below

* 1. “CL”

Cut Left control. Description below

* 1. “FL”

Fill Left control. Description below

* 1. “R”

Right control. Description below

* 1. “CR”

Cut Right control. Description below

* 1. “FR”

Fill Right control. Description below

* 1. “STA”

Station to station control

* + - Column 2 is the from station, column 3 is the to station
    - Column 4 is the name of the template file for this range
    - File names must use forward slash for folder delineation

1. “L” and “R” Colum Fields – Second Column
   1. “X”

Set X offset from previous point

* + - Negative values for left side and positive values for right side
    - “X0.125” will be “X = 0.125”
    - Y offset to be computed from third column
  1. “A”

Set X offset to control alignment

* + - Find intersection to alignment number, “A3” will use third alignment to calculate X
    - Intersection must be found between the current template point (either left or right) and half the swath width
    - Y offset to be computed from third column
  1. “Y”

Set Y offset from previous point

* + - “Y-0.100” will be “Y = 0.100”
    - X offset to be computed from third column

1. “L” and “R” Colum Fields – Third Column
   1. “Y”

Set Y offset from previous point

* + - “Y-0.100” will be “Y = 0.100”