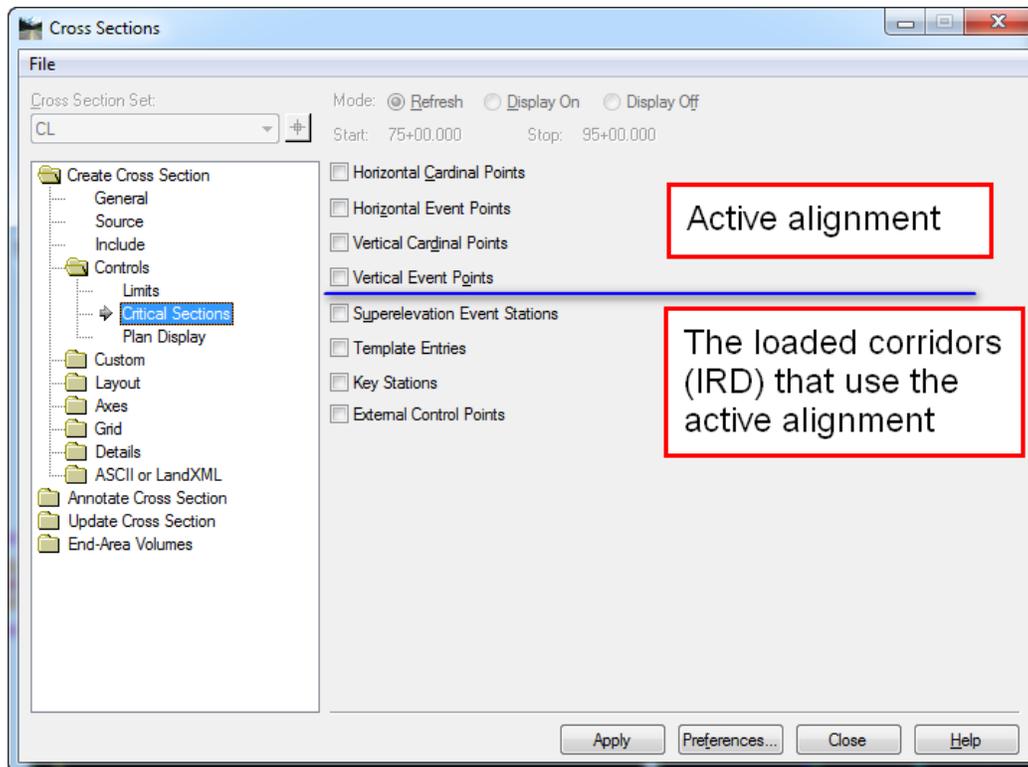


Cross Section Critical Sections

When creating cross sections, you can control the creation of a section at special stations that come either from the active alignment or the currently loaded InRoads Designer file, the .IRD. To access the special stations, select the “Critical Sections” leaf under the *Create Cross Section>Controls* folder in the **Cross Sections** dialog. The right side has 8 options to check. The upper four choices are values that are stored in the .ALG file and are read from the active alignment. The lower four choices are taken from the currently loaded .IRD file and specifically taken from all corridors that use the active alignment as the source.



Points read from the Active Alignment

Horizontal Cardinal Points: PS, PSC, PI, PCS, PT

Vertical Cardinal Points: PVC, PVI, PVT

Event Points may be added to the alignment at specific stations to require additional processing at that location.

Stations read from every corridor in the loaded IRD that uses the active alignment as the source

Superelevation Event Stations: Angle points in the super control line.

Template Entries: Also known as template drops – this is not an interval, but the actual keyed-in station value.

Key Stations: Special stations manually added to the corridor to add to the template interval.

External Control Points: The start and stop stations for any assigned point controls or parametric constraints, as well as cardinal points in point control alignments or angle points in features.