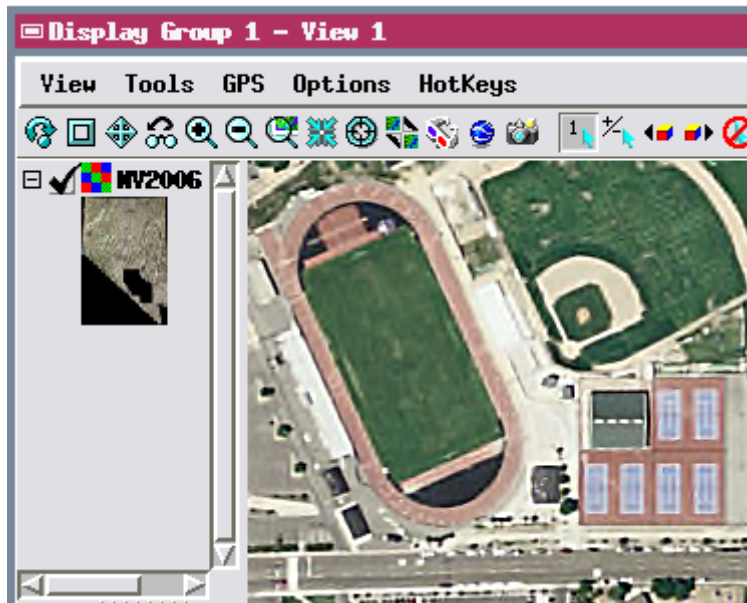


## Brand New in TNTmips 2008!

# Inline Image Filtering

You are familiar with TNT viewing that provides fast, on-the-fly application of contrast enhancements, color palettes, CRS reconciliation, cell-size resampling, and other transformations independently to each raster layer. Using the raster pipeline processing introduced in 2008, standard or custom spatial filters can now also be applied on-the-fly to any or all raster layers in a View in Display and in other TNT processes. In addition, using pipelining, multithreading, and multiple cores, this image sharpening and the other transformations can even be efficiently applied when you pan the View.

- Sharpen or smooth (remove noise from) any raster layer in any View
- Apply edge enhancement to any raster layer in any View
- Independently filter each raster layer in the View
- Apply to grayscale, color composite, and tileset raster layers
- Toggle to turn filtering on/off while preserving settings
- Fast response as filtering is applied only to the portion of the raster in the View
- Choose from a range of filter kernel sizes
- Add filter result to original image in View in any proportion
- Optional direct editing of filter kernel coefficients
- Filter settings automatically saved with each layer
- Use separate Spatial Filter process to permanently modify raster objects



View using orthoimage tileset for the State of Nevada, zoomed to 1X with inline sharpening filter applied. Filter is 5 x 5 high-pass; this screen image merges the filter result with the input source image (shown at right) in equal proportions.



Unfiltered image being viewed.

