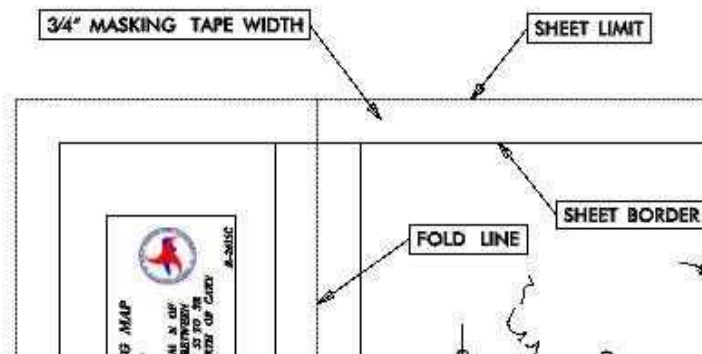**13_04 Creating Black Border Sheet Frame**

Question:
How does one create the black border frame that looks like the black masking tape around a hearing map sheet?

Answer:
In the Roadway Design Manual, Revised Preparation of Public Hearing Maps - Part II, Chapter 21-2, Line item 4(C) states:
"Make sure the hearing map, which is presented to the public, has a well defined black border around the edges. This can either be plotted with a wide, black border around the perimeter and reinforced with transparent tape or reinforce the edges with black masking tape. Half-size copies of the hearing map are not required to be taped."

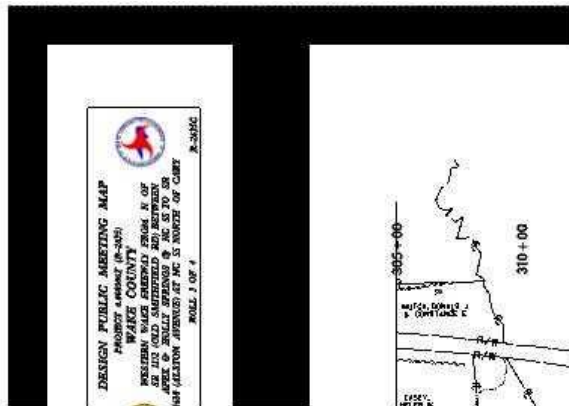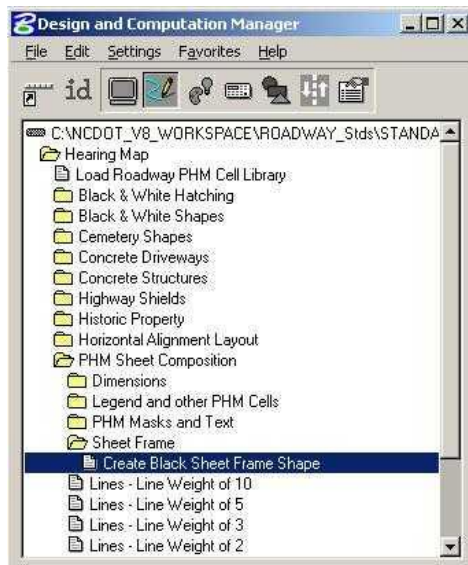In order to accomplish either method, some hearing map sheet dimensions have to be established.

Sheet Limit - Vertically it is the top to bottom plotting limits of the sheet width. The default sheet width is set as a nominal width of 34". For those who want the exact figure, it is 35.413333". In a Microstation file, the top and bottom sheet limit lines are spaced (copy parallel) at a distance depending on the hearing map scale. For example, if the hearing map scale is 200 (1"=200') then distance of separation is roughly 7082' (200 x 35.413333). Horizontally, it is recommended that hearing maps not exceed 12' in length.

Sheet Border - Copy parallel sheet limit line 3/4" (actual width of the black masking tape) x hearing map scale toward the inside of the sheet. For example, for a 200 scale hearing map, 200 X 0.75 = 150'.

Fold line - Used when the hearing map "flap" is placed on both ends of the hearing map sheet. The hearing map "flap" purpose is to easily identify the hearing map sheet information once it is rolled up.

All hearing map sheet lines can be used as a guide if the hearing map is to be protected from tearing with black masking or clear tape.

For hearing maps with plotted black sheet frame shapes, used the Roadway Hearing Map D&C Manager to create shapes for the frame.

Note, in compliance with the Roadway Design Manual and some value engineering judgment, **the black sheet frame shape should not be plotted on half size prints and on preliminary (test) plots.** This shape should only be plotted out on the Hearing Map Review(s) Map and the final Public Hearing Map. Turn level "Prop PHM Black Sheet Frame Shape" off for preliminary plots.