

# NCDOT ROADWAY PUBLIC HEARING MAP

## **Hearing Map FAQ**

### **Do the elements like text have to black on screen to plot black on paper?**

No. If you background color is black, the element has to show up in white to be able to see them. So for black and white colors, the element color on screen is the opposite color of the active background. Normally in a design model the background color is black. If the elements appear on the screen as white, they will be plotted black on paper.

### **Are the borders of shapes displayed and plotted?**

No. Since most of the time it is not feasible to create on shape for the entire project (i.e. proposed roadway shapes) and multiple shapes are created, borders will not be plotted out to show the break between the two shapes.

### **Are the same linestyles used in regular plan production for driveway as in hearing maps?**

No. Regular plan production requires the placement of driveway linestyles. Hearing maps require the placement of driveway cells located in the hearing map D&C Manager.

### **Is the same linestyle used in regular plan production for proposed right of way as in hearing maps?**

No. Regular plan production requires the placement of a proposed right of way linestyle (circle with the R/W text). Hearing maps require the placement of black heavy line for proposed right of way.

### **Is the same linestyle used in regular plan production for construction easements (with “E” text) as in hearing maps?**

No. Regular plan production requires the placement of a proposed construction easement linestyle (with “E” text). Hearing maps require the placement of a solid black heavy line. In addition, the proposed construction easement shape is hatched with black lines.

### **Is the same linestyle used in regular plan production for proposed control of access as in hearing maps?**

No. Regular plan production requires the placement of a proposed control of access linestyle (circle with the C/A text). Hearing maps require the placement of red heavy line for proposed control of access. In addition, proposed control of access cells are intermediately placed on the CA line through the project.

### **Should the shapes be created not to overlap other shapes for plotting?**

No. The hearing map design script will prioritize the order of the shapes for plotting.

### **Is it necessary to create a separate shape for existing roadway to be removed?**

No. Since both the shape for existing roadway and the shape for existing roadway to be removed has the same symbology (same color, weight, etc.), hatching the existing roadway to be removed is only required to distinguish the difference between the two.

### **Is paved shoulders considered part of the proposed roadway shape?**

No. Paved shoulders are not drawn on hearing maps. Paved shoulders are only dimensioned in the hearing map typical sections.

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### **When is it more beneficial to copy the elements into the active file model than leaving them referenced, when creating shapes?**

For long lengthy elements and if the Create Complex Shape tool is going to be used, then it is beneficial to copy the element into the active file before shape creation. A good example is if the length of the proposed curb and gutter runs mostly the length of the entire project, then it is better to copy in the curb and gutter lines in before using the Create Complex Shape tool to create the shape.

For a small area like existing curb and gutter to be retained and if the Create Region tool with flood area method is going to be used, then the existing curb and gutter lines can remain referenced.

### **Create building shapes?**

It is not necessary to create shapes for existing buildings on hearing maps. Building shapes that come from Photogrammetry are already a shape type element (with no fill). The plotter will automatically plot these building shapes filled in.

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## Hearing Map Legend

| <b>LEGEND</b>                                                                       |                                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------|
|    | <b>BUILDINGS</b>                                                   |
|    | <b>EXISTING RIGHT OF WAY</b>                                       |
|    | <b>PROPOSED RIGHT OF WAY</b>                                       |
|    | <b>ALL EASEMENTS</b>                                               |
|    | <b>EXISTING ROADWAY</b>                                            |
|    | <b>EXISTING ROADWAY TO BE REMOVED</b>                              |
|    | <b>EXISTING ROADWAY TO BE RESURFACED</b>                           |
|    | <b>PROPOSED ROADWAY</b>                                            |
|    | <b>TEMPORARY ROADWAY / DETOURS</b>                                 |
|    | <b>FUTURE ROADWAY</b>                                              |
|    | <b>PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER</b>                |
|    | <b>EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED</b> |
|    | <b>EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED</b>  |
|    | <b>FUTURE STRUCTURES, ISLAND, CURB AND GUTTER</b>                  |
|    | <b>LAKES, RIVER, STREAMS AND PONDS</b>                             |
|   | <b>RAILROAD RIGHT OF WAY</b>                                       |
|  | <b>UTILITY EASEMENT</b>                                            |
|  | <b>CEMETERIES</b>                                                  |
|  | <b>PROPOSED CONTROL OF ACCESS</b>                                  |
|  | <b>PROPOSED PARTIAL CONTROL OF ACCESS</b>                          |
|  | <b>EXISTING CONTROL OF ACCESS</b>                                  |
|  | <b>PRESENT ADT</b>                                                 |
|  | <b>FUTURE ADT</b>                                                  |
|  | <b>PROPERTY LINES</b>                                              |
|  | <b>NOISE WALL</b>                                                  |
|  | <b>EXISTING TRAFFIC SIGNAL</b>                                     |
|  | <b>PROPOSED TRAFFIC SIGNAL</b>                                     |
|  | <b>HISTORIC PROPERTY</b>                                           |
|  | <b>WETLAND LIMITS BOUNDARY</b>                                     |
|  | <b>STREAM BUFFER ZONE</b>                                          |