

Editing Polylines

"ArcMap crashes when editing polyline vertices in layout view. Edit polyline vertices in data view. ArcMap closes when attempting to drag a polyline vertex in layout view. This is a known issue. Edit polyline vertices in data view."

ESRI website

Moving Vertices

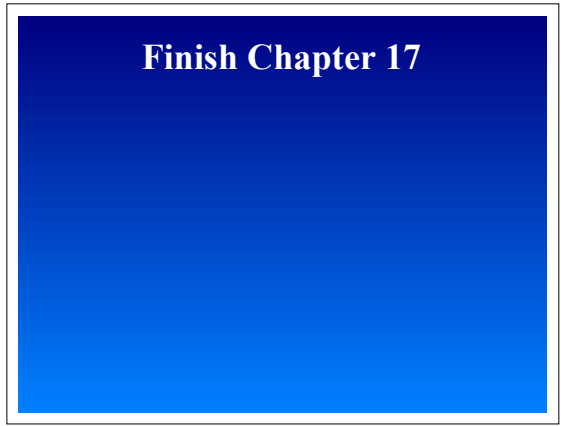
- Open the Editor toolbar
- Start editing the polyline shape file.
- Make sure you are in *Data View*.
- Double-click on the line to edit.
 - ▶ Green squares appear at vertices
 - ▶ Move your cursor over a square, then click and drag.

Adding and Deleting Vertices

- Additional vertices may be useful for smoothing lines.
 - ▶ Open the editor as for moving points.
 - ▶ Double click on a line to select it.
 - ▶ Right click and choose *Insert Vertex*.
 - ▶ Adjust the vertex location as needed.
- To delete a few vertices,
 - ▶ Move your cursor over the vertex to delete.
 - ▶ Right-click and choose *Delete Vertex*.

Deleting large sections of a line

- In ArcCatalog, create a new empty shapefile with polygon geometry.
- In ArcMap, open the editor and create a new polygon around the portion of the line to keep.
- Open the ArcToolbox
 - ▶ Choose Analysis Tools -> Extract -> Clip
 - ▶ Input Features = polyline file
 - ▶ Clip Features = polygon file
 - ▶ Output Feature class= name of your choice



Finish Chapter 17
