

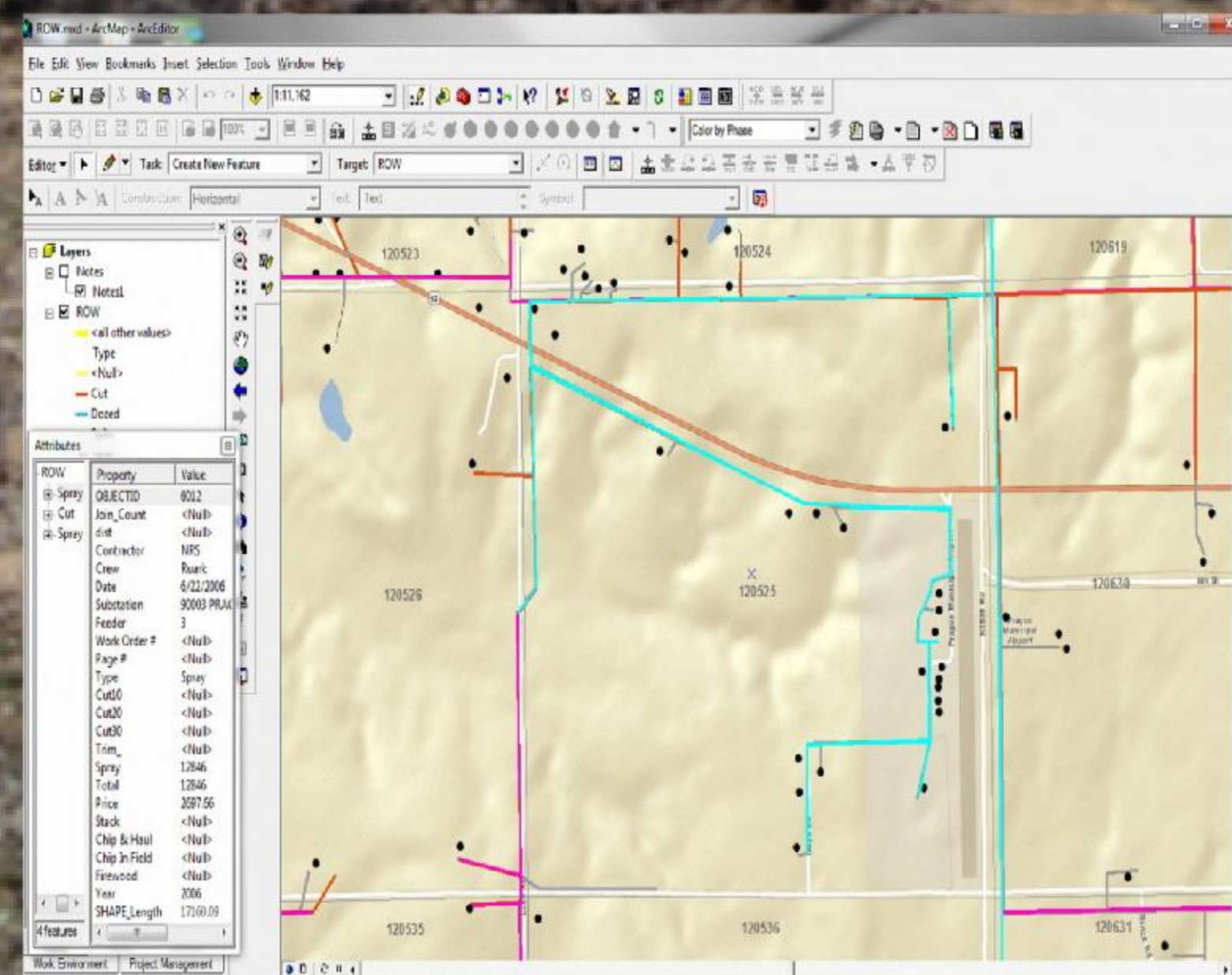


UTILIZING GIS IN RIGHT-OF-WAY MANAGEMENT

GIS has allowed us to improve our Right-of-Way department at Canadian Valley Electric Cooperative in key areas such as: accessibility to information, budgeting, planning, and decision making. Our accessibility to the information has been an enormous improvement. We have transitioned from files stored in a file cabinet to all information being tracked through ArcGIS.

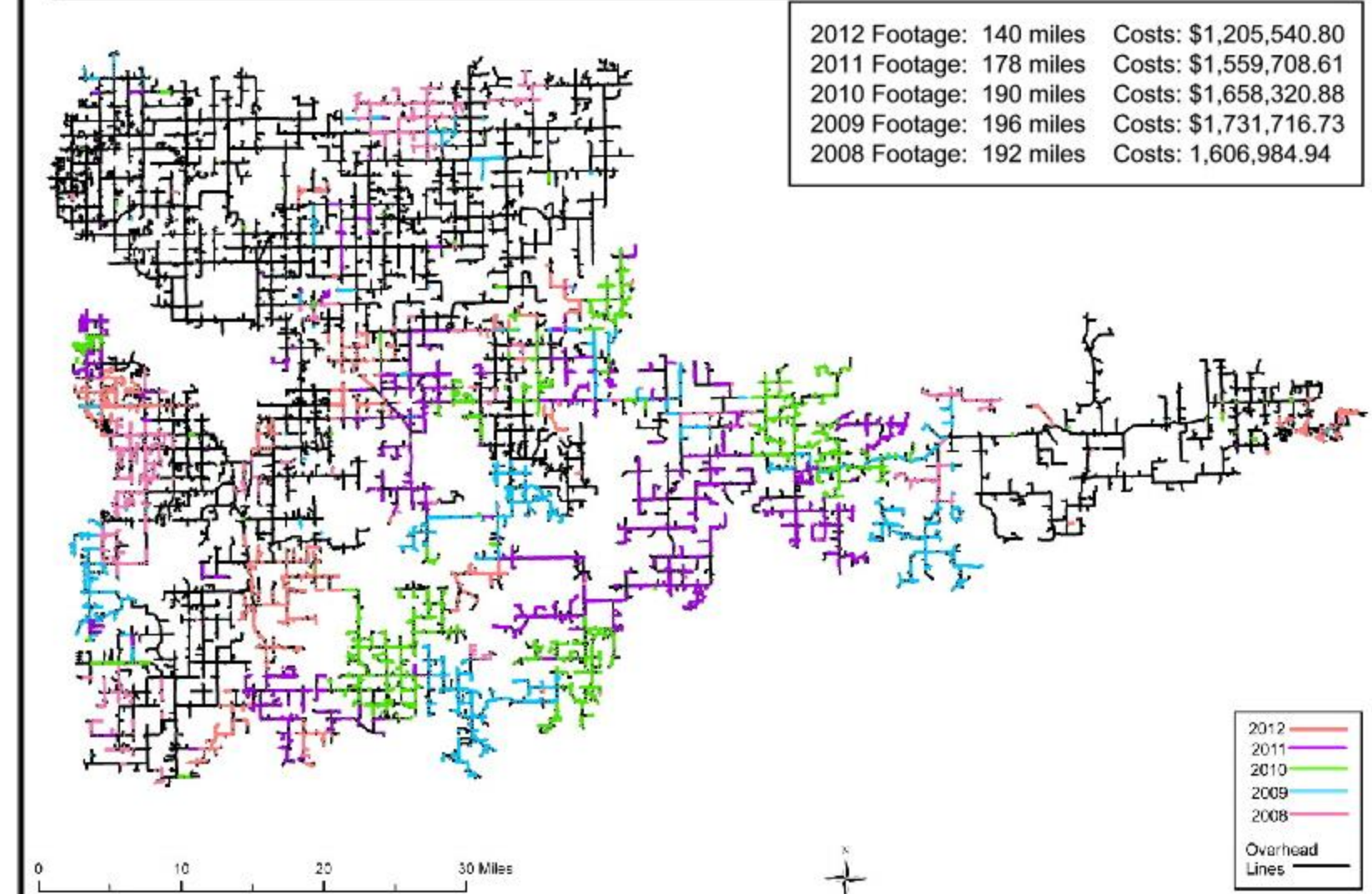
Our ROW application allows us to tie in our ROW data with the Outage Management System and the circuit model prioritization. It also provides specific information such as percentage of 3 phase and # of customers per mile which provides information for decision making.

We collect information on type of ROW maintenance, contractor, date, amount, footage, sub, feeder, and work order. It is now possible for us to obtain right away information by any specific information. This has made the ROW data useful since it is all organized in a central location and is easily accessible. We track all information in a geodatabase on a shared drive which allows multiple people access to the information needed. This has helped tremendously in the budgeting and planning of our ROW program.



We now have tools that allow for a better decision making process. We are now capable of printing color coded maps that are easy to read and understand. Also, we are able to export our information out to additional tools such as the circuit model prioritization spreadsheet, which provides us on information on what areas will be most beneficial to spray or cut. A major outcome of our transferring our ROW to ArcGIS is that it now allows us to have a good idea of what the budget for the following year should be as well as what areas need to be focused on.

CVEC ROW - CUT FOR PAST 5 YEARS



CVEC ROW - SPRAY FOR PAST 5 YEARS

