

5.1.3

Using GIS for Culvert Inventory

Presenter

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Clark County OH was the seventh county to have received funding to have their LBRS data collected. The Clark County Engineer's Office took advantage of the fact that the consultant would be collecting the location of the culverts and went out and pre-marked all locations that they could find. This helped the consultant in locating approximately half of the county's 4000 culverts.

An ArcPad application was developed to help field crews populate the data elements requested by ODOT's culvert inventory program. An ESRI shapefile was created to mimic the information needed. Culvert designs were scanned and are made available to the field staff via the AccuGlobe Data Explorer application at their Desktops. Consequently when the field staff goes to a pre-captured culvert location (or if they need to add it via the GPS unit), all required information is mandatory to be entered into the counties culvert inventory program.