

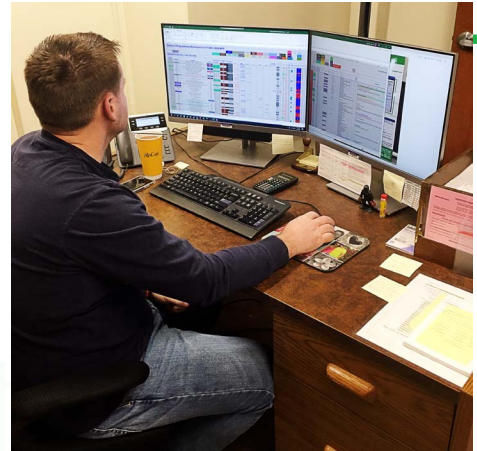


Programming Tools for MYP Development

District 3

Problem:

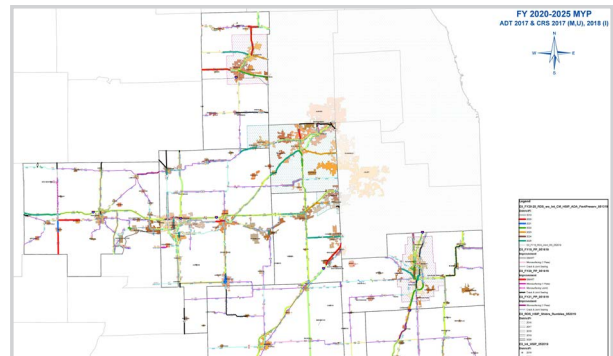
Districts are responsible for developing a Multi-Year Program to address transportation infrastructure needs in a multiple county area with an extensive highway and structure network responsibility. No specific tools existed for districts to use in developing MYPs or annual programming in a consistent manner statewide.



Solution:

District 3 developed an Excel workbook that tracks and facilitates prioritized funding decisions for the comprehensive MYP linked with the Bridge Analysis Maintenance System, interstate resurfacing project structures, District 3 SPAN list and Illinois Special Bridge Program data; a GIS-based MYP map to visualize highway network conditions and funding status; and a letting analysis Excel workbook to track preliminary, programming and low-bid data, improvement costs and detailed individual lettings data to optimize annual program management and funding decisions.

The workbook tracks project candidates by programming category, priority, funding status and numerous specific conditions and attributes.



The GIS MYP map is cross referenced with color coding from the MYP Excel workbook for immediate visualization of project locations.