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Making ROW Data Accessible: the Vermont Agency of Transportation's Solution

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The Vermont Agency of Transportation (VTrans) has a long history of managing and maintaining the state road network in Vermont, going back to the late 1800s. Over time, the State has acquired a lot of property as part of its right-of-way portfolio, but managing this information has always been difficult. Until recently, ROW information was separately contained in historic surveys, blueprints, and more recently, in CADD drawings. Unfortunately, these files and systems were independent of each other, and finding information about any given site took a lot of research and time, starting with knowing where to look. To tackle this problem, the VTrans ROW division recently completed a pilot project with Applied Geographics, Inc. (AppGeo) a New England-based GIS consulting firm, to develop a web-based GIS catalog of their ROW

data. This application is available to the entire agency, and allows users to visually select an area of interest, and identify what sources of ROW data might be available. This presentation will focus on the types of data and issues VTrans faced going into this project, and how the agency developed a standardized data model that accommodates diverse data types. Finally, VTrans will demonstrate how the web-based catalog works, and how this new level of data understanding and accessibility will make agency operations much more efficient going forward.