

3.3.1

Delaware Valley Regional Planning Commission - Traffic Count Request Application

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The Delaware Valley Regional Planning Commission (DVRPC) is the federally designated Metropolitan Planning Organization for the Greater Philadelphia Region that includes 5 Pennsylvania and 4 New Jersey Counties. One of DVRPC's many functions is to gather and provide traffic count information for DOT, County and Commercial clients throughout the region. Traditionally these counts were received through phone, e-mail and other non-spatial electronic data requests. As part of a project to build a comprehensive regional road centerline database DVRPC has developed a GIS Web Portal to make this regional centerline dataset available to their partner agencies and the public. The first specific application built upon the GIS Portal foundation allows users to submit Traffic Count Requests directly through the Web.

This presentation will demonstrate how users can view and query all existing and pending traffic count locations in the DVRPC region as well as create a traffic count request, select and edit locations for the request and submit the request for processing. By allowing users to select existing or new count locations through direct map interaction DVRPC will no longer need to research and manually enter spatial data such as route, offset, and coordinates. Agencies that submit similar count requests on a recurring basis can choose their last count request, make any necessary changes, and then resubmit the updated request. Functionality has also been developed so users can move a previously defined count location to a new area on the map, with all spatial attributes (route and offset) being recalculated on the fly. The benefits of this automated map based submission process will be discussed.