



NOTE: THIS DIAGRAM DEPICTS THE VIDEO DECODERS THAT HAVE BEEN ADDED TO THE SYSTEM AS PART OF A RECENT PROJECT.

NOTE: DIAGRAM DOES NOT SHOW ALL EXISTING EQUIPMENT.

The existing web interface publishes video snapshots and roadway information to a web page to provide the public with real-time traffic conditions information in the Peoria metropolitan area. The current system publishes three video snapshots and provides a simple background map that indicates travel conditions along various segments of I-74 through Peoria and East Peoria. The segments change colors (red, yellow, and green) to indicate traffic flow and are based on data that is collected from the MSD sites. Three (3) NTSC video feeds from the Vicon video switch are connected to an Axis 2400 video capture device. In addition, a fourth video feed is connected to a computer that runs traffic monitoring software that displays current travel conditions. This existing component will not need to be integrated into the ATMS software as this functionality will be replaced in its entirety by the ATMS software (see requirements section for more information).