

AGENDA ITEM VII - DISCUSSION-ACTION

August 6, 2009

Pictometry

BACKGROUND INFORMATION:

Pictometry is a digital color imaging system and software program which allows users to view high-resolution digital color images (aerial photos) of a community from an oblique angle view. The Pictometry imagery displays features such as buildings, land area, roads, and hydrology to be viewed from several directions and at different scales. It will allow a user to easily locate and accurately measure any feature. The software and aerial imagery data has proven to be beneficial to assessors, planners, engineers, conservation commissions, first responders and decision-makers.

In 2008 the TCOG 911 program funded all of Cooke, Grayson and Fannin high levels for an approximate total of \$150,000

- Later the 911 Program purchased a mosaic of that same area at a cost of approximately \$89,000
- In 2008 the Grayson and Cooke CADs funded the low level imagery
- In 2010 Grayson CAD is planning to fund low level imagery for approximately the same percentage of Grayson County
- In 2010 Cooke CAD is not planning to fund low level imagery but they may cost share with the 911 program
- The new imagery will include a mosaic at no additional cost
- The 911 program shares imagery with all “government hats” in our region
- An added benefit in 2010 is an option for Self Hosting of the imagery by TCOG. This will make it easier to share the imagery with local governments. The 911 program would house the imagery at TCOG and manage access of the data through assignment of address access.

Current Cost Estimates Include:

- Imagery of all three counties \$167,000 if 911 chooses their new multi-year agreement with liberal opt out options if we don't have funding in future years
- If we don't choose that option the cost is \$201,165
- Self Hosting is a separate option at the cost of \$28,199

This imagery has been extremely useful to the MPO planning staff in the updating of our travel model as well as the development of the metropolitan transportation plan. With the expansion of the MPO boundary in 2008, the most current aerial information became critical in updating the information for the Traffic Analysis Zones (TAZs).

The 911 program is in the process of updating their aerial photography and has asked if the MPO might be able to share part of the cost. The Pictometry folks will be providing the MPO board with the cost of aerials within the MPO study area.

ACTION REQUESTED:

The Transportation Policy Board (TPB), is requested to consider the purchase of aerials within the MPO study area.

ATTACHMENTS:

None