CBB Crawford, Bunte, Brammeier
Traffic and Transportation Engineers

Since 1973

July 11, 2012

Jim Schmidt
MoDOT St. Louis Metro District
1590 Woodlake Drive
Chesterfield, MO 63017-5712

Subject: Clayton Traffic Signal Improvement Project
CMAQ 5438(605)
Public Interest Finding

Dear Mr. Schmidt:

With regards to the above mentioned project, we request approval of a finding in the public interest to use products and services offered by Sensys Networks. The scope of this project includes vehicle detection and midblock sensors for obtaining volume, speed and occupancy in order for the City of Clayton to obtain "real-time" traffic data throughout Clayton's CBD.

Specifically, we are proposing to utilize Sensys Network sensors, access points, repeaters, card-rack mounted detectors, and "data in the cloud". The City of Clayton currently uses Sensys detection at several intersections with good success. The cost for installing and maintaining Sensys is much less than video detection, and since Sensys sensors may be removed and reinstalled, they are a better solution compared to induction loops which must be reinstalled any time the roads are resurfaced. Induction loops would also be much more expensive due to the various midblock detector locations. Also, by utilizing "data in the cloud" Sensys Networks will collect, store and share the traffic data with the Cities of Clayton and Ladue, and MoDOT. This will result in a cost savings compared to purchasing and maintaining a separate server.

The City of Clayton's technicians are also familiar with maintaining Sensys equipment and stock spare parts including batteries, access points, repeaters and sensors. Thank you for your time and consideration of this Public Interest Finding. We seek MoDOT's approval of this request at your earliest convenience.

I CERTIFY THAT IN ACCORDANCE WITH THE REQUIREMENTS OF 23 CFR 635.411(d)(2), THAT THIS PROPRIETARY ITEM IS ESSENTIAL FOR SYNCHRONIZATION WITH EXISTING HIGHWAY FACILITIES.

Sincerely,

Richard Schmidt

Richard Schmidt, PE PTOE
Vice President of Design & Operations

APPROVED: Kathy Harvey 8-10-12
Kathy Harvey, State Design Engineer

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