

# **Appendix D – Stakeholder Inventory**

Dear Tri-County Stakeholder,

To aid in the success of the Tier I meeting in April, an accurate and complete inventory of devices is essential. To assist the stakeholders in understanding the inventory needs, some appropriate inventory questions have been developed. Please briefly review these topics to ensure an accurate inventory by responding to the questionnaire that follows. Each topic should be approached as existing, projects currently planned and funded, and projects desirable in the future. The determination of desires and needs for existing and future ITS infrastructure will be discussed at the Tier I meeting.

This form intends to lead you through questions, which should aid you through the inventory process. Some of the questions are very specific and some are written in a more open form. Please answer each question in accord with the importance you attach to the items discussed (i.e. more detail for answers concerning items you find most important). Kimley-Horn will be happy to assist you with any part of this form. We would appreciate if you could supply us with any current maps of hardware deployed, data sources, and communications devices, etc. Kimley-Horn staff will be telephoning you during the week of April 9 to help you with any questions or concerns. All written replies to this form and materials identifying device locations may be sent to the Tri-County Regional Planning Commission, attention Steve Skinker.

Tri-County Regional Planning Commission  
913 W. Holmes Road, Suite 201  
Lansing, MI 48910

**1. Commercial Vehicle Operations:**

Does your project/region have (or plan to have) roadside inspection facilities perform a high speed Weigh-In-Motion service, automatic permitting, freight credentials, or automatic vehicle identification?

**2. Emergency Management:**

Does the center currently perform (or plan to perform) computer aided dispatch of emergency vehicles, center-to-center communications or use preemption/prioritization of signalized intersections?

**3. Electronic Tolling:**

Do you envision electronic tolling in your area?

**4. Freeway Management:**

Are any of your agency or government managed freeways using (or are there plans to add) electronic surveillance via real-time traffic data collection technologies? (Loop detectors, closed circuit television, vehicle probe readers, video image detection, road weather information, other)

Does your agency or government currently distribute (or are there plans to distribute) traveler information? (Variable message signs (VMS) -- either permanent or portable, highway advisory radio (HAR), in-vehicle signing, other)

Does the center currently (or plan to) use preemption/prioritization of signalized intersections?

Does your agency or government disseminate (or plan to disseminate) freeway travel times, speeds, and conditions information to the public? (Internet web page, pagers or personal data assistants, kiosks, e-mail or other direct PC communications, in-vehicle navigation systems, TV [interactive or dedicated Cable], other)

Does your agency or government detect and verify (or plan to detect and verify) incidents?

Does your agency or government perform (or plan to perform) center-to-center communications? (Video, data, voice, control)

Does your agency or government manage (or plan to manage) HOV lanes?

#### **5. Public Transit:**

Does your Public Transportation agency manage (or plan to manage) transit vehicles? (Fixed route or demand response)

Does your transit agency provide (or plan to provide) automated maintenance of the transit vehicles?

Do you have (or plan to have) an Automated Vehicle Location (AVL) system?

Does your agency have (or plan to have) an electronic display (or automated audio output) of transit real time or static information at transit stops or kiosks?

Does your agency have (or plan to have) "Smart" bus stops?

Does your public transportation system disseminate (or plan to disseminate) freeway travel times, speeds, and conditions information to the public? (Internet web page, pagers or personal data assistants, kiosks, e-mail or other direct PC communications, in-vehicle navigation systems, TV [interactive or dedicated Cable], other)

Does your public transportation system perform (or plan to perform) center-to-center communications? (Video, data, voice, control)

Does your transit element have (or plan to have) a fully operational Electronic Fare Payment System (other than registering fare-boxes)?

#### **6. Regional Traveler Information:**

Does your public transportation system disseminate (or plan to disseminate) freeway travel times, speeds, and conditions information to the public? (Internet web page, pagers or personal data assistants, kiosks, e-mail or other direct PC communications, in-vehicle navigation systems, TV [interactive or dedicated Cable], other)

Does your Regional Traveler Information Center have (or plan to have) the capability to provide any of the following information: broadcast data, personalized data, route guidance, or yellow pages information? (Broadcast of static or real-time traffic or transit information, personalized provision of traffic or transit information to users, route guidance (either pre-trip or enroute), yellow pages information or reservation)

**7. Arterial/Traffic Management:**

Does your agency control (or plan to control) signalized intersections?

Indicate what types of technologies are used: Closed loop, centralized control or hybrid; real-time traffic adaptive control such as SCOOT/SCATS or similar; signal preemption for emergency vehicles.

Does your agency deploy (or plan to deploy) electronic surveillance using real-time traffic data collection technologies? (Loop detectors, closed circuit television, vehicle probe readers, video image detection, road weather information, other)

Does your agency currently distribute (or are there plans to distribute) traveler information? (Variable message signs (VMS) – either permanent or portable, variable message signs controlling parking access, highway advisory radio (HAR), in-vehicle signing, other)

Does your agency deploy (or plan to deploy) technologies associated with highway-rail intersections?

Does your Arterial or Traffic Management Center disseminate (or plan to disseminate) freeway travel times, speeds, and conditions information to the public? (Internet web page, pagers or personal data assistants, kiosks, e-mail or other direct PC communications, in-vehicle navigation systems, TV [interactive or dedicated Cable], other)

**8. Miscellaneous:**

How is your existing maintenance program performed? (Contracted or performed by staff)

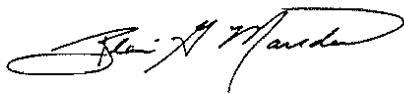
Have you developed a set of emergency response plans, diversion plans, or typical work zones with other agencies?

What activities do you have planned before 2006? (Remote monitoring and control of devices, remote data retrieval, special event management, or seasonal event management)

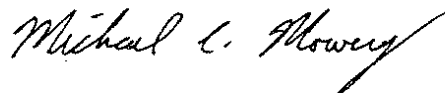
We appreciate your assistance in completing this form. Inventory data received in response to this questionnaire will be presented at the ITS Architecture Tier I Meeting, on April 26<sup>th</sup>, 2001. If you have any questions, please call (303) 228-2300 and ask for Blair.

Very truly yours,

**KIMLEY-HORN AND ASSOCIATES, INC.**



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