



THE EDGE is a Bulletin prepared by TEC Engineering, Inc. presenting quarterly updates on Recent Developments within TEC to Business Communities, Clients and the General Public.

Our Open House

A special thanks to all those who attended our Open House. We appreciate the support of all of our friends, who came to celebrate over



ten years in business with us, and shared in our innovative traffic technology. A special congratulations to all of our prize-drawing winners!

SPECIALIZING IN THE FIELDS OF:

- TRAFFIC ENGINEERING
- TRANSPORTATION PLANNING
- HIGHWAY & ROADWAY DESIGN
- LIGHTING DESIGN
- SURVEYING
- INTELLIGENT TRANSPORTATION SYSTEMS (ITS)
- TRAFFIC SIGNAL INSPECTION

~WELCOME ABOARD~

◆ A warm welcome to our newest staff members!

- Introducing:*
- | | |
|--------------------|-----------------------|
| Project Manager: | Robert Fluharty, P.E. |
| Project Engineer: | Edward R. Williams |
| Project Engineer: | Jeremy P. Evans |
| Design Engineer: | Christine Hiller |
| Senior Technician: | Charlie Aull |
| I/T Administrator: | Brian Suing |

Inventory Studies:

TEC Engineering's staff has been busy at work conducting inventory projects throughout the region. For the past six months, we have been involved with developing a database of relevant documentation pertaining to signal inventories, sign inventories, and curve speed studies. We recently completed a signal inventory of all ODOT maintained traffic signals in the state. This required the creation of an accurate database of traffic signals within the state limits, complete with records of phasing, photos of controller cabinets & intersection approaches, all relevant controller cabinet information, as well as the number and type of signals. An estimated 1500 signals were inventoried. Our staff has also recently been conducting a number of sign inventories in the region, similarly creating a database of pictures and documentation of all signs within city/county limits.



This inventory data has been collected for the City of Vandalia, City of Beavercreek, City of Centerville, City of St. Bernard, City of Kettering, and Clark County. The total number of signs inventoried exceeds ten thousand (10,000) and the inventory was completed within six months. A curve safe speed study has also been conducted in Clark County utilizing a ball bank instrument to determine proper curve speed signing. Recommendations are made where new signs are needed or where an existing sign is inaccurate. All of these inventory studies ensure precise documentation of equipment, location, photographs, and any other pertinent information to be used in determining safe and efficient courses of action in transportation safety. This data collection project allows regional local entities to determine the status of their traffic signals/signage in the field, identify alternative courses of action, and establish maintenance and replacement budgets, while ensuring safe and efficient traffic operation.

and implement changes to the intersection to reduce accidents. For more information on this innovative technology, please contact Ms. Seema Malik at (513) 771-8828.

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Auto Incident Recording System Software:

TEC Engineering, Inc. collaborated with Northrop Grumman Transportation and Safety on an auto incident recording system software information session. This application of technology investigates high incident intersections by integrating audio, video, and digital signal processing capabilities to capture accidents and near accidents on videotape. The Auto Incident Recording System (AIRS) has been successfully used in researching driver behavior through a high incident intersection in Louisville, KY for the past two years. It has allowed traffic engineers and public safety officers to better understand the dynamics of the intersection



and implement changes to the intersection to reduce accidents. For more information on this innovative technology, please contact Ms. Seema Malik at (513) 771-8828.



ANNOUNCING OUR NEWEST LOCATION!



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**OUR MISSION IS TO PROVIDE AN EXCELLENT SERVICE
TO OUR CLIENTS, MAINTAIN A PROFESSIONAL WORKING
ENVIRONMENT FOR OUR STAFF, AND BE A
PRODUCTIVE MEMBER OF OUR COMMUNITY.**

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