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NEW JERSEY ASSOCIATION of COUNTIES

County Government with a Unified Voice

Business Associates Monthly

SAVE THE DATE!

December 2nd

**2011 NJAC
SUMMIT on
POLICE
CONSOLIDATION**

featuring

**Lt. Governor
Kim Guadagno**
as
keynote speaker

&

Michael Aron
of NJTV
as
panel moderator

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Doing More with Less: How to Create and Maximize Revenue through Auto Impound Management (AIM)

By: Meredith Welch, Marketing Account Executive

As governments and enforcement agencies around the world look intently for new ways to maximize revenues in a harsh economy, innovative leaders have been turning to an old but frequently overlooked source of easy revenue—the automobile impound process. Thanks to new technology developed by NOBEL Systems of Tinton Falls, NJ, the Auto Impound Management (AIM) system replaces the problems and confusion so often associated with impounds and replaces it with a fully automated computer-based system that ensures full compliance with motor vehicle seizure laws and regulations that increase auction revenue while decreasing storage costs—all for a fraction of the cost of traditional employee-based systems.

Typically, government agencies experience two types of impounds: a quick

turn around (within 48 hours due to traffic stops and DUI violations) and the longer impound (due to accidents or abandonments) which often result in ownership being transferred to the government for auction.

In the “short” impound, the government agent executing the impound, typically a law enforcement officer, will collect and report the necessary data in a minimum amount of time since this is most commonly done via Mobile Data Terminal (MDT) in the patrol car.

In the long-term impound, in which the ownership of the vehicle would likely transfer to the government, the same officer would spend the same amount of time entering data as he would in the short-term impound but would additionally spend in

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Client's Bottom-line Benefits from Efficient Operation, and Cost-Effective Designs

By: David C. Battaglia, P.E., CME, Communications Specialist

IH Engineers, P.C. (IH) is a growing consulting firm providing engineering and construction services such as design, condition inspection, and construction inspection for many transportation projects. Our continued growth is directly related to our clients' satisfaction with our ability to offer high quality at a low cost. For over a decade we have been able to maintain low overhead costs and pass those savings directly on to our clients, including counties, state agencies, and private entities in New Jersey, New York, and Pennsylvania. Ultimately this savings allows our clients to stretch their budgets further and provide more value to taxpayers over the long run.

IH's successful portfolio of design projects is possible because of our dedicated team of Project Managers, each of whom brings over 20 years of experience to the projects they undertake. Our seasoned team of professionals has the experience necessary to understand and foresee how project tasks must be managed in order to ensure strict adherence to project delivery schedules while maintaining an eye on innovation. As a result, we are proud to offer our clients a team that is proactive in our approach to design issues, who understands the paramount importance of having effective coordination that cuts across disciplines and project phases. Our small size affords us

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flexibility between disciplines that saves time and money during the design process, whereas our modern capabilities to interact out of multiple office locations gives us the ability to coordinate many projects, office staff, and field staff seamlessly across the region. We strive to ensure that every project we undertake is delivered on time, within budget, and with consideration toward providing an affordable project.

One example of our abilities is our Rosedale Road over Stony Brook project in Princeton Township (2009). IH served as the Prime Consultant to Mercer County, responsible for the design to replace an existing stone faced arch bridge with a single span pre-stressed concrete structure that maintained the historic appearance. The precast design was developed with an interest in reducing project costs associated with other structural designs that might have increased the height of the bridge, the overall length of project and associated environmental impacts, all costly considerations. The precast fascia beams were further designed to include an integral

masonry shelf to support the stone facing, providing an opportunity for the construction labor costs to be reduced in completing the historic stone façade. Lastly, the use of precast beams allowed for an accelerated construction schedule of four months, further saving labor costs and shielding commuters from excessive and costly traffic delays.

The project has won multiple awards from the Princeton Historical Society, Precast/Prestressed Concrete Institute, American Council of Engineering Companies, New Jersey Concrete and Aggregate Association, and New Jersey Chapter of the American Concrete Institute. More importantly, it highlighted IH's ability to provide cost effective solutions to our clients without sacrificing quality.

To learn how IH Engineers can help make your next project efficient and cost-effective contact us at 609-734-8400 or visit our website at www.ihengineers.com

Dewberry Project Wins 2011 Excellence in Utility Relocation and Accommodation Award in the Innovation Category from the Federal Highway Administration

The Federal Highway Administration (FHWA) honored the Rehabilitation of the Passaic Valley Sewer Commissioners (PVSC) Trunk Sewer project for its excellence in utility relocation and accommodation in the innovation category. The project team was recognized for their illustration of how transportation providers have embraced the challenges of providing transportation solutions that enhance public safety, improve mobility, protect the environment, effectively use limited resources, and are delivered in a timely manner, while considering the needs and goals of our communities and stakeholders.

Construction of the Route 3/Route 21 Interchange will result in up to 30 feet of additional fill being placed over this 108-inch, semi-elliptical, 90-year-old sewer. As a result, an advanced construction contract was awarded to rehabilitate and strengthen the interceptor to accommodate the additional fill and keep the Interchange project on schedule. Dewberry supervised a specialty subcontractor who performed continuous survey to determine the exact shape the interior of the a pipe utilizing laser technology while sewage was flowing, and specified a special arch shape pipe to be custom fabricated to achieve strength for a "fully deteriorated condition." The principal advantage of this process is that the lining can take place while the pipe is flowing, at a lower cost than traditional PVC lining.

As a result, a savings of over \$1 million was realized.

Key players in the Passaic County, New Jersey, project include: the New Jersey Department of Transportation, Passaic Valley Sewer Commissioners, Spiniello Construction, Red Zone Robotics, and Dewberry. Dewberry Senior Associate Peter Black, PE, CME, CFM, accepted the award.

About Federal Highway Administration

FHWA is an administration whose mission is to improve mobility on our Nation's highways through national leadership, innovation, and program delivery.

About Dewberry

Dewberry is a leading professional services firm with a proven history of providing architecture, engineering, and management and consulting services to a wide variety of public- and private-sector clients. Recognized for combining unsurpassed commitment to client service with deep subject matter expertise, Dewberry is dedicated to solving clients' most complex challenges and transforming their communities. Established in 1956, Dewberry is headquartered in Fairfax, Virginia, with more than 40 locations and 1,800+ professionals nationwide.

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excess of four hours processing the notifications, motor vehicle title paperwork, tracking the process and preparing the paperwork for the auction process. With hourly wages for law enforcement officers ranging up to as much as \$80/hour, the manpower costs can be impressive.

By utilizing the Nobel's AIM system, agencies can cut this time—and cost—by as much as 75% by automating the entire process. Everything from filing the DMV paperwork to mailing the notice to the vehicle owners is done automatically by the Nobel System—returning your officers to the road quicker and with much lower per-use costs. (Compare \$320 per impound for officer entry vs. \$8 per impound with the AIM system.)

The greatest return comes when the vehicle is auctioned off. If the vehicle is auctioned for \$500, the revenue to the municipality under the traditional model would only be \$180, but under the automated AIM process, the revenue would be a staggering \$492. However, if the vehicle is auctioned for scrap, garnering only \$200, the traditional model would have COST the municipality \$120 but the AIM system would still have earned the agency \$192.

The differences are clear. AIM is cheaper, faster and more reliable than traditional impound management methods. With no software or licenses to purchase, no equipment to maintain, and no added costs of any kind, Nobel System's Auto Impound Management System is one more tool in your arsenal to "Do More With Less."

2011 NJAC SUMMIT POLICE CONSOLIDATION

DECEMBER 2, 2011

Trenton Country Club, 201 Sullivan Way, Ewing, NJ 08628

NJAC BOARD OF DIRECTORS MEETING

8:30 a.m. - 9:30 a.m.

REGISTRATION, CONTINENTAL BREAKFAST, & NETWORKING

9:00 a.m. - 10:00 a.m.

PANEL DISCUSSION ON POLICE CONSOLIDATION

Moderated by NJTV's Michael Aron

10:00 a.m. - 12:00 p.m.

Somerset County Freeholder Jack Ciattarelli
Somerset County Prosecutor Geoffrey Soriano
Camden County Freeholder Director Louis Cappelli, Jr.
NJ State PBA Director of Government Affairs Robert Nixon

LUNCH SERVED

12:00 p.m. - 12:30 p.m.

KEYNOTE SPEAKER— Lt. Governor Kim Guadagno

12:30 p.m. - 1:30 p.m.

*For registration information please visit
www.njac.org*

Mission Statement

NJAC is committed to advocating for legislation, regulations, and policy directives that empower county governments to operate more effectively and efficiently. As a non-partisan organization that represents the only true regional form of government in the State with a unified and proactive voice, NJAC is dedicated to advancing innovative programs and initiatives for the sole purpose of saving valuable taxpayer dollars.

October 24 - November 25				
Monday	Tuesday	Wednesday	Thursday	Friday
24	25	26 Bergen County Halloween Hayride	27 Bergen County Halloween Hayride	28 Union County Hayride & Campfire
31	1 Union County Pumpkin Sail	2	3	4 Mercer Harvest Moon Dance
7 Atlantic County Thank you to Veterans	8 Election Day	9	10	11 Veterans Day
14 Warren County Flu Vaccines	15	16 Middlesex Ice Rink Opens	17	18 Cape May Family Movie Night
21 Warren County Flu Vaccines	22	23	24 Thanks-giving	25

From the Executive Director's Desk

In light of Sussex County's recent national award earned for its innovative digital program, the Star Ledger is writing a story about the County's cloud computing system that allows the County to share computer services with constituent municipalities. In order to provide the paper with an accurate representation of the steps counties have taken on a statewide basis, we provided the Star Ledger with the following information.

Hudson County - Hudson County provides computer services to its municipalities and free public internet access in several parks. The County's vision is to offer cloud shared services in January of 2012. The County is in the process of building a hot backup site storage and disaster recovery system that should be on-line by the second quarter of next year. The County is also opening its E-Recording and purchasing portals later this year.

Somerset County - Somerville and Branchburg use the County's server for their records management system, which is available for each municipality in the county to use as well. Moreover, many municipal police departments use the County's Police Records Management server located in the 9-1-1 dispatch center. Somerset County estimates that it saves taxpayers approximately \$200,000 per year by hosting the server (cloud) and using County IT staff to maintain disparate systems.

Essex County - Although Essex County shares computer services with its municipalities, it's not in a cloud environment. The County operates a computer based video arrangement system that is now installed in all 22 municipalities in a joint effort with the courts. Although the cost savings have not been calculated as of this writing, the transportation and security costs saving for each municipality are tremendous. The County has also initiated the Integrated Law Enforcement Initiative (ILEI) that will standardize all criminal report activity from each municipality through a standard criminal justice network. Although this is not a cloud environment, all 22 municipalities plan to participate in this program that was funded through federal and State PARIS grant funding. Finally, the Essex County Prosecutor's Office has recently instituted a cloud server environment for their daily operations; however, this is not a shared system due to the proprietary nature of the information maintained on the system.

Mercer County - Mercer County plans to implement cloud computing within the next few years.

Special thanks to everyone that replied to our survey on cloud computing, which many counties are beginning to embrace as a cost effective, secure, and reliable method for delivering and maintaining information technology services

Please keep in mind that NJAC Business Associates are encouraged to submit educational news articles for the monthly e-newsletter. For more information please contact Thomas Mann at 609-394-3467 or tmann@njac.org.