Major Shifts in Transportation Policy Impacting the AAMVA Community

Tolling initiatives today and in the future

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www.tollinterop.org
State of Tolling *Today*

Interoperability -- 2012

- Regional, state-wide, or non-existent
• MAP 21 Compromise Bill

ELECTRONIC TOLL COLLECTION INTEROPERABILITY REQUIREMENTS.—Not later than 4 years after the date of enactment of this Act, all toll facilities on the Federal-aid highways shall implement technologies or business practices that provide for the interoperability of electronic toll collection programs.
Achieving National Interoperability

Multi-Industry Team Effort

- So, how do we get to National Interoperability?
  - Engaging the Stake Holders
    - State Toll Authorities and Motor Vehicle Associations
    - State and local leaders
    - Vendor Community
    - Trade Associations – AASHTO, AAMVA, ATI, E-ZPass Group, I-95 Corridor Coalition, IBTTA, ITS America, MBUF Alliance...
Interoperability in the Making

Potential Interoperability Solutions

• Technology Solutions
  – Recently released Multi-Protocol Readers
  – Increased accuracy in Optical Character Recognition (OCR) Software and improved license plate technology and design
  – Emerging Technologies in GPS and Cellular Based Tolling

• New Interoperability Agreements with existing Interoperability Programs
  – E-ZPass Affiliate Membership
  – North Carolina is the first agency to utilize, expected to ‘go live’ in late 2012
Interoperability in the Making
Potential Interoperability Solutions

• National Interoperability HUB Program
  – Provides a platform for a highly secure national database of toll program customers
  – Minimizes impact on agencies by reducing and/or eliminating changes to current back office reporting functions
  – Technology-friendly
  – Creates a viable short-term interoperability solution
National Interoperability HUB
A Technology-Friendly Solution

• How does the Interoperability HUB Work?
National Interoperability HUB
A Technology-Friendly Solution

• Benefits to AAMVA/DMVs and other state programs, e.g. law enforcement
  – Shared connection between MVAs and toll agencies:
    • Registered owner look up for violations and bill by mail
    • Violations processing procedures
  – Potential for Shared Services
    • Verification of registered owner information
    • Electronic Vehicle Registration
    • Toll violation processing
National Interoperability HUB
A Technology-Friendly Solution

- **Interoperability HUB Background and Status:**
  - Released a Request for Proposals (RFP) in March 2011
    - Free Pilot Program matching existing customer license plates to associated transponder accounts
  - Awarded Part I of RFP to three firms
    - ACS, A Xerox Company
    - CofiRoute / TollPlus
    - Secure Interagency Flow (Egis/InTrans Group)
  - Pilot commenced on November 21, 2011 and continued through March 6, 2012
National Interoperability HUB
A Technology-Friendly Solution

• Pilot Program Conclusions:
  – Pilot HUB Program deemed successful in concept
  – May be the fastest and least expensive way to achieve interoperability
  – Requires broad acceptance of video tolling
  – Creates a bridge to interoperability as the industry evaluates interoperability within current RFID-based systems
  – Provides opportunity to introduce other toll collection methods into the industry without mass disruption
Finalize and release Part II HUB RFP
- Contract Language and Performance Requirements under final review
- Agency / HUB Business Rules

Evaluate HUB Proposers:
- Performance during the pilot
- Overall solution
- Pricing
- Additional services

Award HUB Operations Contract