

Speed Photo Enforcement in Illinois

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WORK ZONE SAFETY PEER EXCHANGE
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Outline

- Legislation
- Research
- Contract Details
- Program Operation
- Lessons Learned



The Goal is Reducing Work Zone Fatalities & Serious Injuries Through Voluntary Compliance

Legislation – work zone speed limit

- Moving Violation
- \$250 First violation
- \$750 Second and subsequent violation
 - 90 Day license suspension (if workers were present)
- Mandatory Court Appearance

Legislation - Automated Traffic Control Systems in Highway Construction or Maintenance Zones Act

- Effective August 19, 2004 (amended in 2006-7, 2019, and 2021)
- Authorizes State Police to establish a photo enforcement program in IDOT or Tollway construction or maintenance zones.
- May only operate when workers are present.
- The state to prove worker presence. (2006/2007 amendment)
- 2019 and 2021 amendments editorial

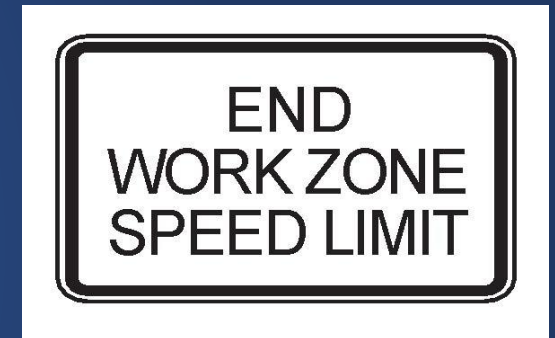
Legislation - Definitions

- Automated Traffic Control System
- Construction or Maintenance Zone
- Owner



Legislation

- Penalties
- Limitations
 - Public Information Campaign
 - Signage
 - Locations
 - Use of Pictures
 - Liability of Owner
- Citation Issuance Process



Pilot Program

- Kicked off in 2005 – 2006
- 3 Vehicles with limited deployments
- Media outreach
- Tailored to hone program, evaluate effectiveness, increase awareness



Effectiveness Research

Base condition



Trailer displaying speed



Police lights off



Police lights off + Trailer



PSE



Effectiveness Research

Vehicle Type	Treatment	Shoulder Lane (mph)		Median Lane (mph)		Both lanes (mph)	
		Ave. Speed	Reduction	Ave. Speed	Reduction	Ave. Speed	Reduction
<u>Cars</u>	Base	61.46		63.69		62.23	
	Speed Display Trailer	59.66	1.80 *	61.70	1.99 *	60.45	1.78 *
	PL OFF	54.71	6.75 *	55.90	7.79 *	55.10	7.13 *
	PL OFF + Trailer	53.96	7.50 *	57.21	6.48 *	54.89	7.34 *
	PSE	53.64	7.82 *	55.89	7.80 *	54.36	7.87 *

Effectiveness Research

Vehicle Type	Treatment	Shoulder Lane (mph)		Median Lane (mph)		Both lanes (mph)	
		Ave. Speed	Reduction	Ave. Speed	Reduction	Ave. Speed	Reduction
<u>Trucks</u>	Base	57.00		56.17		56.38	
	Speed Display Trailer	56.25	0.75	56.96	-0.79 *	56.75	-0.37
	PL OFF	52.59	4.40 *	54.09	2.08 *	53.72	2.66 *
	PL OFF + Trailer	51.53	5.46 *	53.16	3.02 *	52.80	3.58 *
	PSE	50.52	6.48 *	52.27	3.90 *	51.85	4.53 *

Contract Details

- Three year initial term (10/2013 -12/2016)
 - Two optional renewals (12/2022)
- General Scope
- Vehicle Specifications
- Data Management
- Citation Processing
- Support / Training



Program Operation

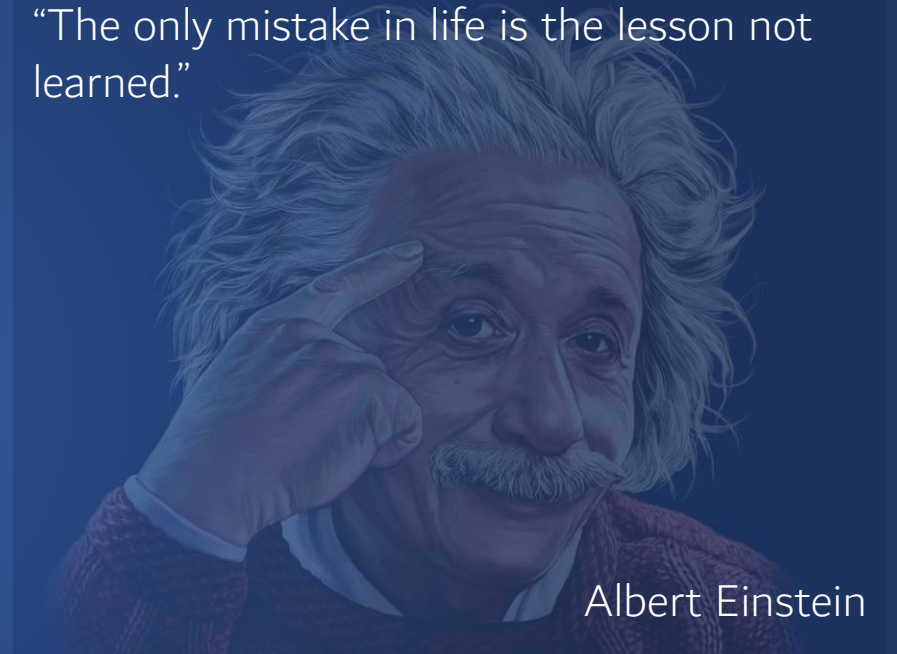
- Site Selection
- Vehicle Deployment
- Citation Processing
- Program Management



Lessons Learned

- Equipment Limitations
- Operators Training
- Contractual Hurdles
- Citation Processing Hurdles
- Citation Adjudication Issues

“The only mistake in life is the lesson not learned.”



Albert Einstein

Questions?



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