

Work Zone Safety

Innovations in Illinois

Presented by

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Work Zone Fatalities

2001

36

Fatalities

1 worker

15 rear-end

2002

31

Fatalities

1 worker

4 ped.'s

2003

42

Fatalities

5 workers

13 rear-end

2004

39

Fatalities

2 workers

5 ped.'s

Every District, all types of roadways and
construction projects

**TASK
GROUP**

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graph TD; TG((TASK GROUP)) --- TCUT[Toll Collector Union]; TG --- LU[Laborers' Union]; TG --- ILDL[IL Dept of Labor]; TG --- ATSSA[ATSSA]; TG --- IRTBA[IRTBA]; TG --- AGCI[AGCI]; TG --- OSHA[OSHA]; TG --- ISTHA[ISTHA]; TG --- ISP[ISP]; TG --- IDOT[IDOT]; TG --- FHWA[FHWA];
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**Toll
Collector
Union**

FHWA

IDOT

**Laborers'
Union**

ISP

**IL Dept of
Labor**

ISTHA

ATSSA

**IRTBA
AGCI**

OSHA

Over forty recommendations
from the Group.

Many have been implemented and
some are ongoing.

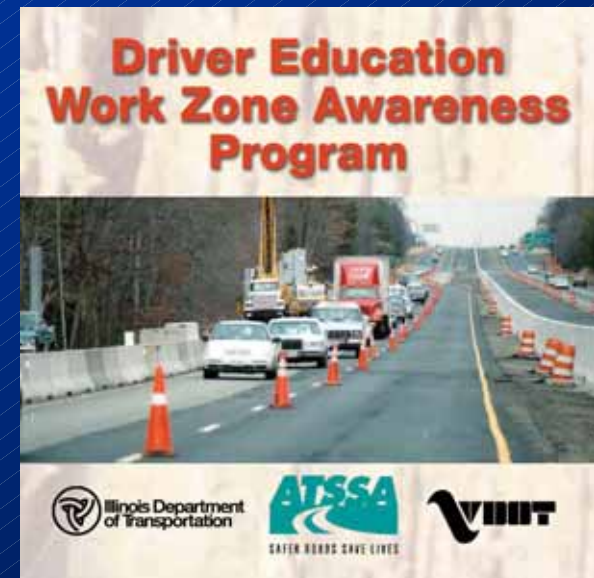
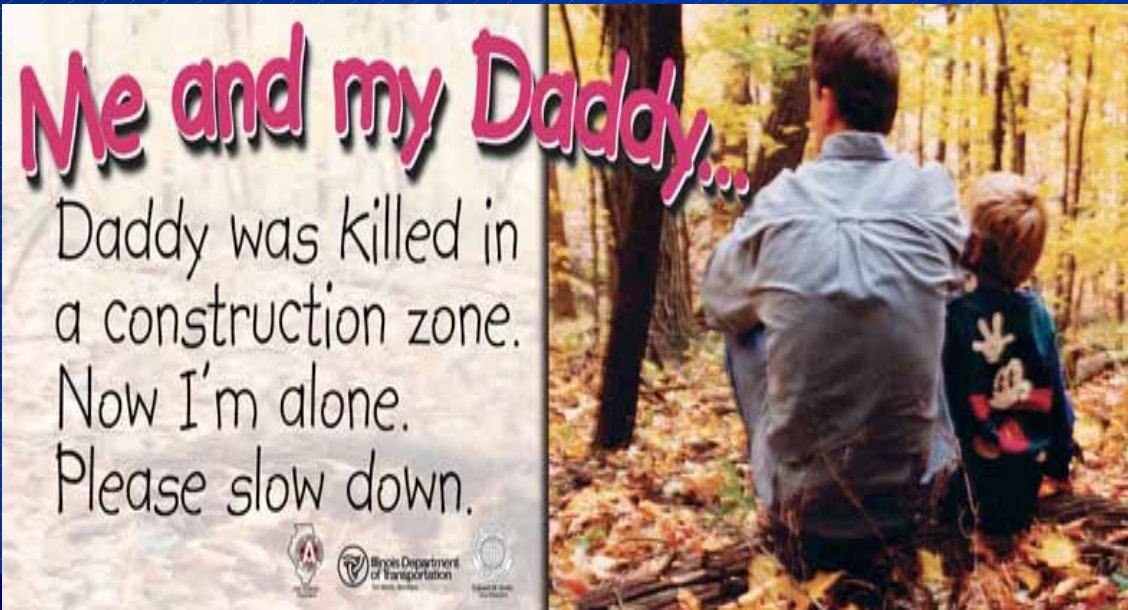
3 Major Issues

- Voluntary Compliance
- Physical Worker Protection
- Habitual Violator

Voluntary Compliance

General Motorist Awareness

- \$1 Million for Prime Time PSA's
- Increased Public Information Campaigns
- Drivers Education CD---"In The Zone" Video



IDOT Has Revised

- Policy
- Specifications
- Standards

Different Focus with worker safety in mind

Voluntary Compliance

Expanded Cooperation Among Agencies

- Increase Law Enforcement Coordination in Projects



- **Enhanced Motorist Communication •**
Real Time Information

- Speed Indicator Signs



- **Enhanced Motorist Communication •**
Real Time Information

Changeable Message Boards

- Portable CMS
- Permanent CMS
- Active warnings
- Time Delay
Information



• Proposed Legislative Changes •

- Clarify and Strengthen Existing Laws
- Increase Penalties
- Photo Enforcement

Enforcement

- WZ Legislation
 - Increase Fines
 - \$375
 - \$1000
 - Dependent on signs, not workers present

**WHEN
WORKERS
PRESENT**

**SPEED
LIMIT**

45

**\$200 FINE
MINIMUM**



Increased Fines

- Improve Traffic Control Standards
- Uniform and Consistent Work Zones



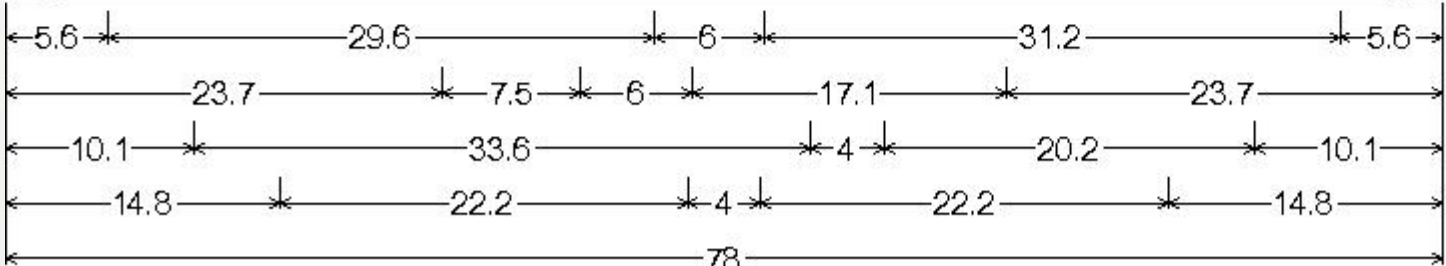
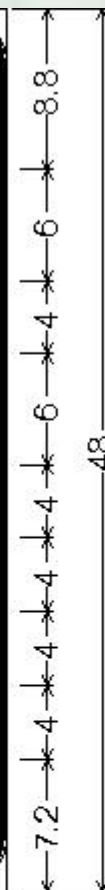
Enforcement

- WZ Legislation
 - Photo Enforcement
 - Workers must be present
 - New signs

PHOTO RADAR IN USE



Automated Traffic Control System



3.0" Radius, 1.3" Border, Black on White;
"PHOTO RADAR" E Mod; "IN USE" E Mod; "Automated Traffic" E Mod;
"Control System" E Mod;

Photo Enforcement



Photo Enforcement



Photo Enforcement



Photo Enforcement

The City of Windsor Police Department Notice to Appear Automated Traffic Enforcement					
DATE OF VIOLATION Jul 26 2002				DATE 03:44pm	
NAME (FIRST, MIDDLE, LAST) Lisa Jane Smith					
ADDRESS 50 Brown St, Apt 7					
CITY Windsor			STATE VIC	ZIP CODE 30100	
DRIVERS LIC. NO. 35004882	STATE VIC	DATE OF BIRTH 04/26/75	WEIGHT 150		
SEX F	HAIR Brown	EYES Blue	HEIGHT 5'9"		
VEH LIC. NO. 807 579	STATE VIC	COMMERCIAL VEHICLE			
YR OF VEH. 2001	MAKE TOYOTA	BODY TYPE COUPE	HAZARDOUS MATERIAL		
REGISTERED OWNER OR LESSEE Lisa Jane Smith					
ADDRESS 50 Brown St, Apt 7					
CITY Windsor			STATE VIC	ZIP CODE 30100	
DIR AND DIRECTION RC0000			DESCRIPTION		
LOCATION OF VIOLATION At Collins & La Trobe Sts					
BY VIOLATION WAS NOT COMMITTED IN MY PRESENCE. THE ABOVE IS DECLARED ON INFORMATION AND BELIEF IS BASED ON PHOTOGRAPHIC EVIDENCE. I DECLARE UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF VICTORIA THAT THE FOREGOING IS TRUE AND CORRECT.					
Jan 08 2002	BROWN COOK		110		
DATE ISSUED	DECLARANT		ID NUMBER		
YOU MUST REPORT TO THE COURT ON OR BEFORE					
WHEN:	July 30 2002	Clerk's office hours 8:30 - 4:00			
WHAT TO DO	FOLLOW THE INSTRUCTIONS ON THE REVERSE				
WHERE:	Windsor Municipal Court 300 Pipers St Windsor VIC 30100				



Lisa Jane Smith
50 Brown St, Apt 7
Windsor, VIC 30100

PROOF OF SERVICE

I, Brown Cook, of Transact USA INC, 3000 Blue Spruce Rd, Reno, Nevada 89511, do certify that I am over 18 years old and not party to the above entitled case. On Thursday, June 6, 2002, I placed this Notice to Appear in an envelope addressed to the name shown above, sealed and posted the envelope in a United States Services receptacle located at the United Post shop on Blue Spruce Rd, Reno, Nevada. In the ordinary course of business, the envelope is sealed, affixed with a stamp and mailed. I declare that under the penalty of perjury that the foregoing is true and correct.

DATED: June 06, 2002 _____ Brown Cook

Photo Enforcement

Speed
Indicator
Signs



Physical Worker Protection

Focus: *Minimize Exposure
to Workers*



Better Flagger Protection and Visibility



Remote
Flagger
Device







Better Worker Protection and Visibility

- High Visibility Vests
 - Daytime: ANSI Class 2
 - Nighttime: ANSI Class 3
 - All workers
- Nighttime Illumination





SLOW

HYPAC





Habitual Violator

- Problem Driver
- Drunk
- Suspended
- Aggressive





Questions?