



DDACTS as Smart Policing in Shawnee, Kansas

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September 19, 2012

This project was supported by Grant No. 2009-DG-BX-K021 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice.

DDACTS: Data Driven Approach to Crime and Traffic Safety

- ❖ **DDACTS is an operational model that uses the integration of location-based crime and traffic data to establish effective and efficient methods for deploying law enforcement and other resources**

Seven Guiding Principles

- ❖ Enlist partners and stakeholders
- ❖ Identify and collect crash and crime hot spots data
- ❖ Analyze the data for characteristics and causes
- ❖ Enact tactics and operational strategies that work
- ❖ Share information with partners, citizens, and media
- ❖ Monitor, evaluate and adjust operations
- ❖ Develop and adjust outcome measures

Benefits of DDACTS

- ❖ Cost Effective Approach
- ❖ Reduction in Social Harm
- ❖ Fewer Calls for Service
- ❖ Increased Time For High-Visibility Patrols
- ❖ Increased Deterrence
- ❖ Increased Field Contacts

WORK SMARTER, NOT HARDER

Research Partnership

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Sociology and Criminology Department Chair

Benedictine College-Atchison, KS

Past President-Midwestern Criminal Justice
Association

Specializes in Crime Analysis and Crime
Prevention

DDACTS in Shawnee, KS

- ❖ Located in Kansas City Metropolitan Area
- ❖ Population of 64,000
- ❖ 42 Square Miles
- ❖ Crime Rate Had Been Rising (Person and Property)
- ❖ Reduction in Staff: Reached 90 Sworn but Reduced to 84 During Rigid Economic Downturn (currently at 87)

75th Street Corridor - Facts

- ❖ Just under 1 square mile
- ❖ Approximately 3% of total city
- ❖ About 8% of the City's total population -
 - ❖ 4800 people

75th Street Corridor - History

❖ Between 2005 and 2009, the area represented:

15.2% of all Persons Crimes reported in the City

Assault / Battery, Harassment / Threats, Indecent Exposure / Lewd Activity, Robbery, Sexual Assault

17.4% of all Property Crimes reported in the City

Arson, Auto Burglary, Auto Theft, Commercial Burglary, License Plate / Tag Thefts, Non-Pay (Gas & Food Drive-offs), Residential Burglary, Theft, Theft of Lost Property, Vandalism

13.1% of all Traffic Crashes reported in the City

Injury, Non-Injury, Hit and Run

75th Street Corridor-Crashes



DDACTS AREA
CRASH DENSITY



June 2010

Legend

- DDACTS AREA CRASHES
- MEDIUM
- HIGH



75th Street Corridor-Crime



DDACTS AREA
CRIME DENSITY



June 2010

Legend

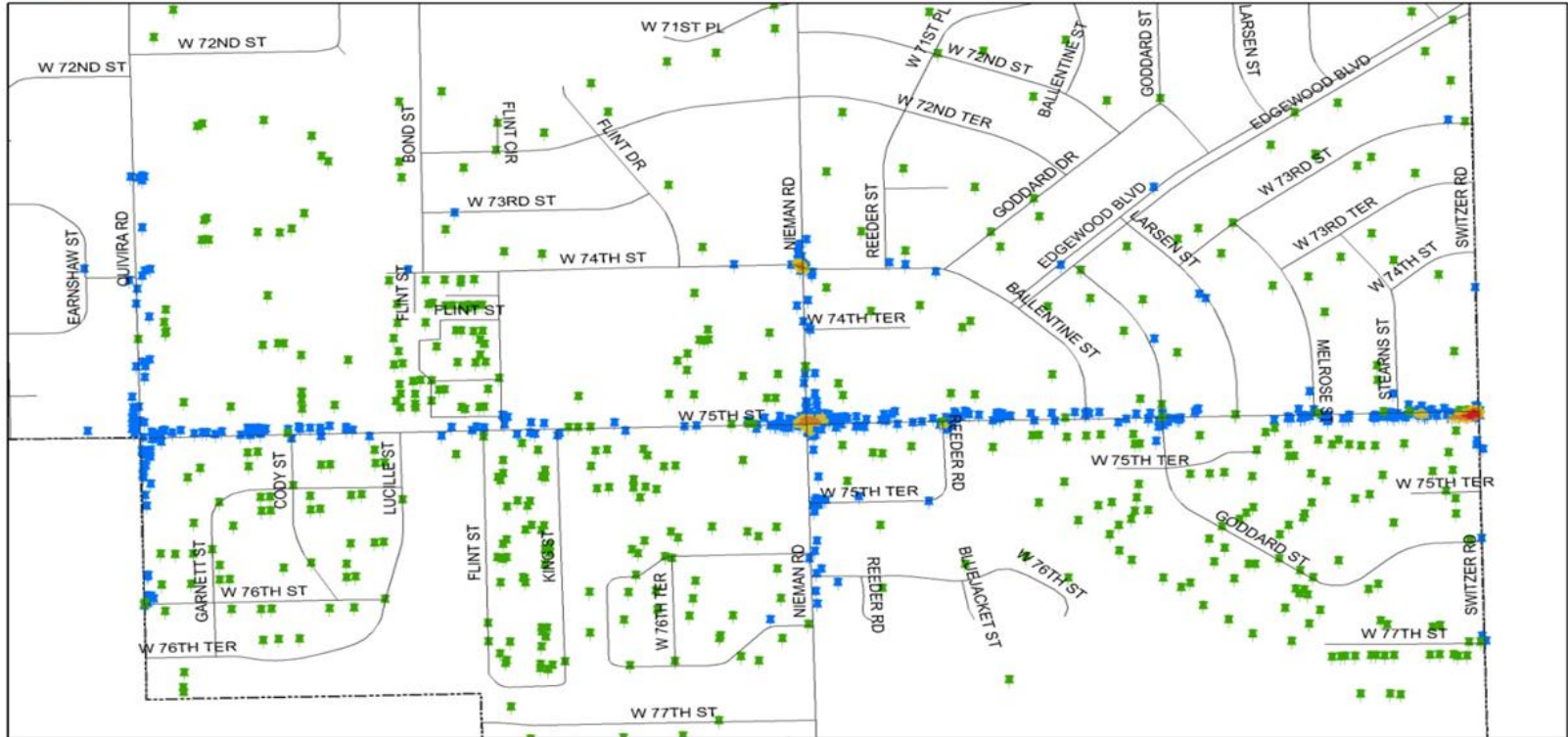
■ DDACTS AREA CRIMES ■ MEDIUM ■ HIGH



75th Street Corridor-Combined



DDACTS AREA
COMBINED PROBLEM DENSITY



June 2010

Legend

- HIGH
- VERY HIGH
- DDACTS AREA CRIMES
- DDACTS AREA CRASHES



Shawnee Target Hours

Goal = 25 Hours Per Week During Target Times:

Monday	0700-0900	1200-1400	1600-2000
Tuesday	0700-0900	1200-1400	1600-2000
Wednesday	0700-0900	1200-1400	1600-2000
Thursday	0700-0900	1200-1400	1600-2000
Friday	0700-0900	1200-1400	1600-2000
Saturday	1600-1700	1900-0100	1600-0100
Sunday	1600-1700		

Average Enforcement Per Year

Total Hours	1773
Contacts	4328
Citations	3347
Warnings	1644
Arrests	220
FICs	57

Key is HIGH VISIBILITY ENFORCEMENT

Six Month Analysis/Results

Comparing six months prior to DDACTS to six months after implementation:

Auto Burglaries	Down 38.7%
Auto Thefts	Down 62.5%
Comm. Burglaries	Down 62.5%
Res. Burglaries	Down 59%
Robberies	Down 43%

Overall, crime in the DDACTS area was down 37.7% as compared to the six months prior to the DDACTS practice being implemented.

Two Year Analysis / Results

Category	2008-10	2010-12	Change	Change Outside Zone
All Collisions	197	176	-10.7%	-1%
Collisions with Injury	26	18	-30.8%	-1%
Auto Burglary	97	72	-25.8%	-5.8%
Auto Theft	69	43	-37.7%	+23%
Commercial Burglary	16	13	-18.8%	-13%
Residential Burglary	69	51	-26.1%	+2%
Robbery	20	7	-65%	-22%
Vandalism	93	51	-45.2%	-18%
All Target Crimes	522	420	-19.5%	-6%

Implementing Change

- ❖ Executive Command Staff
- ❖ Command Staff
- ❖ First Line Supervisors
- ❖ Employee Committees
- ❖ Department Wide

A New Culture

- ❖ Applicant Ride-Alongs
- ❖ Chief's Interview
- ❖ Academy
- ❖ FTO Program
- ❖ First Line Supervisors
- ❖ Peers

Tracking Your Efforts

❖ **STORM Database Demo**

Resources



www.ddacts.com

ddacts@dot.gov

ddacts@googlegroups.com

[Facebook/DDACTS](#) [DDACTS on LinkedIn](#)

[Twitter @DDACTS](#)