

# Data Driven Approaches To Crime and Traffic Safety



*"Traffic Safety is Public Safety"*

## INTRODUCTION

The Baltimore County Police Department is a national demonstration site for the Data Driven Approaches to Crime and Traffic Safety (DDACTS) Project that is being sponsored by the National Highway Traffic Safety Administration, Bureau of Justice Assistance, and National Institute of Justice. In 2008, the Crash Crime Project was successfully implemented and has been used to develop the concepts of DDACTS within the Department. On April 1, 2009, a new set of target areas was implemented with objectives and action plans developed at the precinct level.

Baltimore County's DDACTS project contains a total of 15 target areas (two are being worked jointly by bordering precincts) and includes a total of 44 objectives. The Operations Bureau has set a weekly benchmark of 1135.5 hours of high visibility enforcement utilizing on-duty time, which will be supplemented by grant funded overtime. A breakdown of the target areas is as follows:

	<u>Objectives</u>	<u>Hours</u>
Precinct 1		
• Area A: Lansdowne	2	70
• Area B: Baltimore National Pike	2	70
Precinct 2		
• Area A: Rolling Road	3	75
• Area B: Liberty Road	3	35
Precinct 3		
• Area A: Reisterstown Road	2	40
Precinct 4		
• Area A: Liberty Road	4	50.25
• Area B: Pikesville	4	50.25
Precinct 6		
• Area A: Loch Raven Boulevard	3	85
• Area B: Central Towson	4	30
Precinct 7		
• Area A: Hunt Valley	3	98.5
• Area B: Timonium	3	98.5
Precinct 8		
• Area A: Parkville	3	72
Precinct 9		
• Area A: Golden Ring	3	61

Precinct 11		
• Area A: Eastern Boulevard	2	100
Precinct 12		
• Area A: Merritt Boulevard	3	95
Support Operations Division	NA	105

This document is intended to provide an overview of the DDACTS project in Baltimore County. It includes the Strategic Objective related to DDACTS, the DDACTS model that has been developed to guide the project, and the objectives, action plans, and maps for each target area. The objectives and action plans have been developed by the precinct responsible for the target areas and have only been edited to provide a consistent format.

For additional information related to this project, please contact:

Captain Howard B. Hall  
 Baltimore County Police Department  
 Operational Services Section  
 (410) 887-7361

## STRATEGIC OBJECTIVE REPORT

1. **PROJECT NAME:** Data Driven Approaches to Crime and Traffic Safety (DDACTS)
2. **DATE OF REPORT:** February 18, 2009
3. **COMMAND:** Operations Bureau
4. **OBJECTIVE:** In order to further our goal of making the public safe by reducing the incidence of crime, crashes, and traffic violations in Baltimore County, the Operations Bureau will implement the DDACTS Model as the one of the primary strategies for the deployment of resources. DDACTS is an operational model that uses the integration of location-based crime and traffic data to determine the most effective and efficient methods for deploying police and other resources. This involves the analysis of strategic crime and traffic data to identify areas that are prone to significant levels of criminal incidents and traffic crashes. Precincts will be responsible for coordinating the use of available resources from within and outside of the Department to mitigate the problems identified in these areas.
5. **REPORT TYPE:**  INITIAL    PROGRESS    REVISION
6. **PROJECT STATUS:**  ACTIVE    MAINTENANCE/MONITORING    CLOSED
7. **KEY RESULT AREA:** Delivery of Police Services
8. **DATE OBJECTIVE INITIATED:** March 1, 2009
9. **TARGET COMPLETION DATE:** December 31, 2010
10. **ACTION PLAN:**
  - Target areas for DDACTS will be selected based on a combination of crime and traffic data. This will be based on strategic (long-term) analysis of problem areas.
  - Each precinct will select target areas within its boundaries or in conjunction with adjoining precincts.
  - When a site is selected for DDACTS, additional analysis will be conducted to identify a range of problems/issues to be addressed during the response. The purpose of this analysis is to ensure that resources are deployed to the right areas, at the right times, targeting the right things.
  - Specific objectives will be established for each target area and an action plan will be designed to achieve them. Traffic enforcement and other self-initiated activities will be a key component of each action plan.
  - Resources both within and outside of the Department will be used as part of the response. These will include available highway safety and other grant funds, other government agencies, and community/business groups. Other Operations Bureau divisions/sections as well as support units from Administrative and Technical Services and Community Resources will participate as necessary.
  - Activity data will be collected from each targeted area. Cumulative data will be forwarded to and maintained by the Operational Services Section.
  - An evaluation component will be included in all action plans. The evaluation will include progress towards stated objectives as well as completion of action plan items.
  - Overall reporting on the project and monitoring of progress will be the responsibility of the Operational Services Section.

**STRATEGIC OBJECTIVE REPORT**

**11. SUMMARY OF ACTIVITIES:**

N/A

**12. PROJECT COORDINATOR:** Captain Howard Hall **PHONE:** x7361  
PRINT NAME

**13. COMMANDER APPROVAL:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**14. DIV. COMMANDER APPROVAL:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**15. BUREAU CHIEF APPROVAL:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

## **Data Driven Approaches to Crime and Traffic Safety (DDACTS)**

**Purpose:** DDACTS is an operational model that uses the integration of location-based crime and traffic data to determine the most effective and efficient methods for deploying police and other resources.

**Goal:** To make the public safe by reducing the incidence of crime, crashes, and traffic violations in Baltimore County

### **Site Selection**

DDACTS sites will be selected based on a combination of crime and traffic data. This will be based on long-term data (multi-year) but could include emerging problem areas. Short-term crime trends will not be the sole determinant of selection. The following incidents will be considered:

#### Crime

Robbery  
Burglary  
Auto Theft

#### Traffic

Crashes  
DUI Arrests  
Complaints

Target areas should be specifically defined in accordance with crime and traffic analysis. In addition to including highly traveled corridors, sites may include adjacent areas where incidents are occurring.

### **Analysis**

When a site is selected for DDACTS, additional analysis will be conducted to identify a range of problems/issues to be addressed during the response. The purpose of the analysis is to ensure that resources are deployed to the right areas, at the right times, targeting the right things. Data may be obtained from the following sources:

Crime/Crash Statistics  
Calls for Service (CAD)  
Complaints  
Speed Surveys  
Seatbelt Surveys  
Other or Non-Traditional

Analysis of this information may include the following:

Temporal Factors (time, date, etc.)  
Causation/type of crash  
Problem locations (and surroundings)  
Possible suspects, MO, etc.  
Mapping

Specific objectives and an action plan will be developed for each area based upon this analysis.

### **Objectives**

Objectives will be established for each designated site. Each objective will be specific, measurable, action-oriented, realistic, and include a timeline (SMART). Timelines for each area should be sufficient for activities to achieve the desired results and ensure adequate commitment to cause reductions in targeted incidents.

### **Action Plan**

An action plan will be developed for each objective. Traffic enforcement should be an integral part of the action plan in each designated area. Other activities, in addition traffic enforcement, are to be encouraged as appropriate for the problem. Possible activities may include:

Traffic enforcement	High visibility patrol
Criminal enforcement	Surveillance
Traffic engineering	Non-traditional strategies
Education	Prevention

Action steps should be specific to the identified problem and include benchmarks to establish an expectation for activities in the target areas.

### **Resources/Partners**

The primary resource for DDACTS areas will be on-duty, uniformed police personnel. Potential areas to involve as well as outside partners include:

Patrol	Maryland State Police	NHTSA
Precinct Traffic	MTA Police	Highway Safety Office
Outreach	Towson/UMBC Police	GOCCP/BJA
CAT	MVA	SHA/Traffic Engineering
BPI	Parole and Probation	Community/Business Groups
IST/CDVIT/CID	Code Enforcement	
SOD (TRM, TAC, etc.)	Liquor Board	
Community Resources		

All available highway safety funds will be dedicated to the DDACTS program and all ongoing highway safety programs will be directed into these areas. Additional grant opportunities should be identified to support this project.

## **Operational Plan**

An overall operational plan will be developed and issued under the authority of the Chief of the Operations Bureau. This will include the basic components of the DDACTS Program as well as specific planning, implementation and reporting requirements. It will include a mechanism to develop ongoing plans for each designated target area. This will also be incorporated into the Department's strategic plan.

## **Data Collection**

Specific activity data will be collected for each designated area. Activity sheets will be developed based on identified needs for information. A database will be used to tabulate this data and generate reports as needed for monitoring and evaluation. Data entry will be completed at the command level with combined data being housed in the Operational Services Section. To the extent possible, ongoing technology initiatives, particularly E-TIX will be incorporated into data collection activities.

## **Evaluation**

A critical part of the DDACTS model is evaluation. The primary reason for evaluation is to determine the effectiveness of the response in achieving identified objectives. Identified successes may be utilized for future problems. Areas for future review/modification are also identified.

Each DDACTS area will have a system for monitoring and evaluation. DDACTS responses and activities will be incorporated in to weekly Operations Bureau command meetings. Ongoing monitoring may result in adjustments to response as new trends, displacement, etc. are identified. A final evaluation will be prepared, based on established objectives and action plans, for each area.

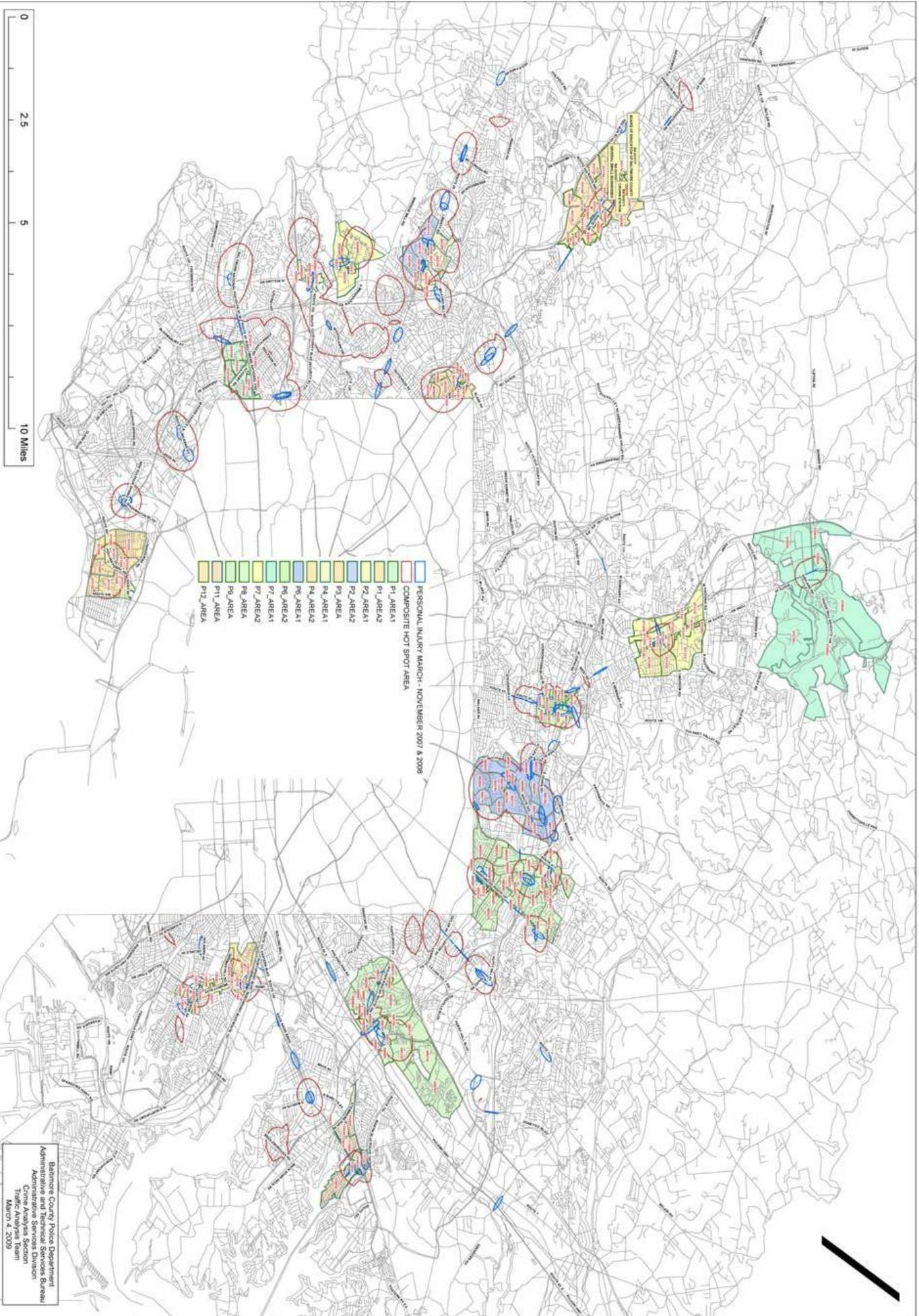
## **Communications**

Communications is critical in order for DDACTS projects to achieve the desired results. Strategies to ensure that the project is communicated throughout our agency may include:

- Information related to the DDACTS project will be communicated throughout the Department via Executive Corps meetings, training bulletins, "Up Front" bulletins, and in-service training.
- A briefing package will be prepared for each DDACTS area. It will include the relevant data, analysis, objectives, and action plan. It will be provided to all involved personnel and supervisors and shift commanders will be held accountable for reviewing this information with their employees.
- Command personnel will ensure that DDACTS projects are made part of routine staff meetings and communications with personnel.
- Ongoing communications related to the progress of the project and specific outcomes will be included in the departmental newsletter.

- Recognition will be provided to personnel who contribute noteworthy efforts towards achieving the objectives of the project. This will include the newly created Traffic Safety Award as well as other available mechanisms.
- Outreach efforts to community groups and the media will include information related to the DDACTS project and outcomes.

# DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY SELECTED DDACTS AREAS



## **PRECINCT 1**

Commander: Capt. John Spiroff  
Coordinators: Lt. Nancy Storke  
Cpl. William Arrington

### **Area A (Lansdowne):**

**Objective 1: To reduce robberies in the target area by 7% as compared to 2008 data**

**Objective 2: To reduce burglaries in the target area by 6% as compared to 2008 data**

- Precinct personnel will conduct 70 hours of high visibility patrol per week with emphasis on self-initiated activity. Enforcement data will be collected and reviewed on a daily basis.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Precinct personnel will receive specific information and analysis related to robberies and burglaries occurring in the target areas for use in planning enforcement efforts.  
Responsibility: COT Commander and Assistant Precinct Commander
- Persons on parole/probation for robbery or burglary who reside in the target areas will be identified. Coordination with Parole and Probation will ensure these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: IST
- Enforcement (criminal and traffic) on main corridors in target areas will be increased during 7/3 and 3/11 shifts on Tuesday through Saturday.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- FIR's will be compared to Parole/Probation data for the presence of potential offenders in the area and violations will be coordinated with Patrol and Probation as needed.  
Responsibility: IST, Staff Admin
- Robbery and burglary prevention information will be provided to businesses in the target area. Security surveys will be offered to business owners in the target areas.  
Responsibility: BPI, COT, Precinct Commander
- License plate readers will be deployed in the target area during the hours of high robbery and burglary incidents.  
Responsibility: CAT, BPI
- The Chamber of Commerce will be asked to provide crime prevention information in material provided to members based on specific crime analysis.  
Responsibility: Precinct Commander
- High crash locations will be targeted for enforcement during specified days/times of highest frequency. Enforcement will target speed, tailgating, aggressive driving, intersection violations, and traffic light enforcement.  
Responsibility: Traffic Team, Patrol

- Other traffic enforcement efforts will include MVA Enforcement Projects and coordination with the Crash Team and the DUI Task Force for supplemental enforcement projects to target areas of crime.  
Responsibility: Traffic Team, Patrol

**Area B (Route 40 Corridor):**

**Objective 1: To reduce traffic crashes in the target area by 10% as compared to 2006 data**

- Precinct personnel will conduct 70 hours of high visibility patrol per week with emphasis on self-initiated activity. Enforcement data will be collected and reviewed on a daily basis.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Enforcement (criminal and traffic) on main corridors in the target areas will be increased during 7/3 and 3/11 shifts on Tuesday through Saturday.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- High crash locations will be targeted for enforcement during specified days/times of highest frequency. Enforcement will target speed, tailgating, aggressive driving, intersection violations, and traffic light enforcement.  
Responsibility: Traffic Team, Patrol
- Other traffic enforcement efforts will include MVA Enforcement Project and coordination with the Crash Team and the DUI Task Force for supplemental enforcement projects to the target area crime.  
Responsibility: Traffic Team, Patrol

**Objective 2: To reduce robberies in the target area by 8% as compared to 2008 data**

- Precinct personnel will conduct 70 hours of high visibility patrol per week with emphasis on self-initiated activity. Enforcement data will be collected and reviewed on a daily basis.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Precinct personnel will receive specific information and analysis related to robberies and burglaries occurring in the target areas for use in planning enforcement efforts.  
Responsibility: COT Commander and Assistant Precinct Commander
- Persons on parole/probation for robbery or burglary who reside in the target areas will be identified. Coordination with Parole and Probation will ensure these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: IST
- Enforcement (criminal and traffic) on main corridors in the target areas will be increased during 7/3 and 3/11 shifts on Tuesday through Saturday.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- FIR's will be compared to Parole/Probation data for the presence of potential offenders in the area and violations will be coordinated with Patrol and Probation as needed.  
Responsibility: IST, Staff Admin

- Robbery and burglary prevention information will be provided to businesses in the target area. Security surveys will be offered to the business owners in the target areas.  
Responsibility: BPI, COT, Precinct Commander
- License plate readers will be deployed in the area during the hours of high robbery and burglary incidents.  
Responsibility: CAT, BPI
- The Chamber of Commerce will be asked to provide crime prevention information in material provided to its members based on specific crime analysis.  
Responsibility: Precinct Commander

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 1  
 PC1\_AREA A



- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC1\_AREA A

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009



## PRECINCT 2

Commander: Capt. Barry Barber  
Coordinators: Lt. Robert McCullough  
Cpl. Richard Engel

### Area A (Rolling Road):

#### **Objective 1: To reduce robberies in the target crime areas by 3% compared to the 2008 data**

- Precinct 2 personnel will conduct 75 hours of high visibility patrol in the target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crime trends in the target areas.  
Responsibility: Assistant Precinct Commander, IST Supervisor, Crime Analysis Officer
- Crime prevention information will be provided to businesses in the target area. Security surveys will be offered to the community and businesses in the target areas.  
Responsibility: COT, BPI, Precinct Commander
- Criminal, Traffic & FIR enforcement in the target areas will be increased during the 7/3 and 3/11 shifts.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Persons on Parole/Probation for robbery who reside in the target area will be identified. Coordination with Parole/Probation will be used to ensure that these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: IST, C-Safe Officer
- FIR's will be compared to Parole/Probation data for the presence of potential offenders in the area. Violations will be coordinated with parole/probation.  
Responsibility: IST, PC 2 Crime Analysis Officer
- Special traffic enforcement efforts will be conducted with the Motor Vehicle Administration to ensure vehicles and drivers are properly ensured and licensed. The target area will be monitored for vehicles matching the description of suspect vehicles from recent robberies.  
Responsibility: Traffic Team, COT, CAT, Patrol, MVA Investigations
- License plate readers will be deployed in the area during the hours of high robbery incident times.  
Responsibility: CAT, Patrol
- Educational information will be distributed to citizens, citizens on patrol groups, and community associations.  
Responsibility: Precinct Commander, COT, PCR

**Objective 2: To reduce burglaries in the target area by 5% compared to the 2008 data**

- Precinct 2 personnel will conduct 75 hours of high visibility patrol in the target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crime trends in the target areas.  
Responsibility: Assistant Precinct Commander, IST Supervisor, Precinct Crime Analysis Officer
- Crime prevention information will be provided to businesses in the target areas. Security surveys will be offered to the community and businesses in the target areas.  
Responsibility: COT, BPI, Precinct Commander
- Criminal, Traffic & FIR enforcement in the target areas will be increased during all three shifts 7/3, 3/11, and 11/7.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Persons on Parole/Probation for burglary who reside in the target area will be identified. Coordination with Parole/Probation will be used to ensure that these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: IST, C-Safe Officer, Precinct Crime Analysis Officer
- FIR's will be compared to Parole/Probation data for the presence of potential offenders in the area. Violations will be coordinated with parole/probation.  
Responsibility: IST, Precinct Crime Analysis Officer
- Surveillance details will be conducted in the target area during hours of frequent burglaries. Open communication between the precinct personnel and CID personnel will be ensured.  
Responsibility: IST, BPI, CAT, COT
- License plate readers will be deployed in the target area during the hours of high burglary incident times.  
Responsibility: CAT, Patrol
- Educational information will be distributed to citizens, citizen on patrol groups, and community associations.  
Responsibility: Precinct Commander, COT, PCR

**Objective 3: To reduce Traffic Crashes in the target areas by 7% compared to the 2006 data**

- Precinct 2 personnel will conduct 75 hours of high visibility patrol in the target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI

- Precinct personnel will be updated on a weekly basis of any crash trends in the target areas, making special note of all personal injury, fatality, and alcohol related incidents.  
Responsibility: Assistant Precinct Commander, Traffic Supervisor, Crime Analysis Officer, COT Commander
- Crash prevention information will be provided to businesses, schools, and community associations in the target area.  
Responsibility: COT, BPI, Traffic Team, Precinct Commander
- Traffic and FIR enforcement in the target areas will be increased during the times when most crashes frequently occur.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Crash locations will be examined for engineering improvements as needed.  
Responsibility: Traffic Team, Baltimore County Traffic Engineering, State Highway
- High crash areas will be targeted for increased enforcement during days and times of highest frequency. Enforcement activities will target violations for aggressive driving, failure to yield right away and following to closely type violations.  
Responsibility: Traffic Team, Patrol, COT, CAT
- Speed surveys will be conducted on the major roadways to determine if speed is a problem in the target areas. Seatbelt surveys will be conducted monthly to determine if seatbelt compliance increases due to additional enforcement.  
Responsibility: Traffic Team
- Special traffic enforcement efforts will be conducted with the Motor Vehicle Administration to ensure vehicles and drivers are properly ensured and licensed.  
Responsibility: Traffic Team, COT, Patrol
- License plate readers will be deployed in the area during the hours of high burglary/robbery incident times.  
Responsibility: CAT
- Educational programs will be taught at the high schools with young drivers.  
Responsibility: School Resource Officers

### **Area B (Liberty Road):**

Note: This area is being worked jointly with Precinct 4 (Pikesville).

**Objective 1: To reduce robberies in the target crime areas by 2 % compared to the 2008 data**

- Precinct 2 personnel will conduct 35 hours of high visibility patrol in each target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crime trends in the target areas.  
Responsibility: Assistant Precinct Commander, IST Supervisor, Crime Analysis Officer
- Crime prevention information will be provided to businesses in the target area. Security surveys will be offered to the community and businesses in the target areas.  
Responsibility: COT, BPI, Precinct Commander
- Criminal, Traffic & FIR enforcement in the target areas will be increased during the 7/3 and 3/11 shifts.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Persons on Parole/Probation for robbery who reside in the target area will be identified. Coordination with Parole/Probation will be used to ensure that these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: IST, C-Safe Officer
- FIR's will be compared to Parole/Probation data for the presence of potential offenders in the area. Violations will be coordinated with parole/probation.  
Responsibility: IST, PC 2 Crime Analysis Officer
- Special traffic enforcement efforts will be conducted with the Motor Vehicle Administration to ensure vehicles and drivers are properly ensured and licensed. The target area will be monitored for vehicles matching the description of suspect vehicles from recent robberies.  
Responsibility: Traffic Team, COT, CAT, Patrol, MVA Investigations
- License plate readers will be deployed in the area during the hours of high robbery incident times.  
Responsibility: CAT, Patrol
- Educational information will be distributed to citizens, citizen on patrol groups, and community associations.  
Responsibility: Precinct Commander, COT, PCR

**Objective 2: To reduce burglary in the target crime areas by 3 % compared to the 2008 data**

- Precinct 2 personnel will conduct 35 hours of high visibility patrol in each target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI

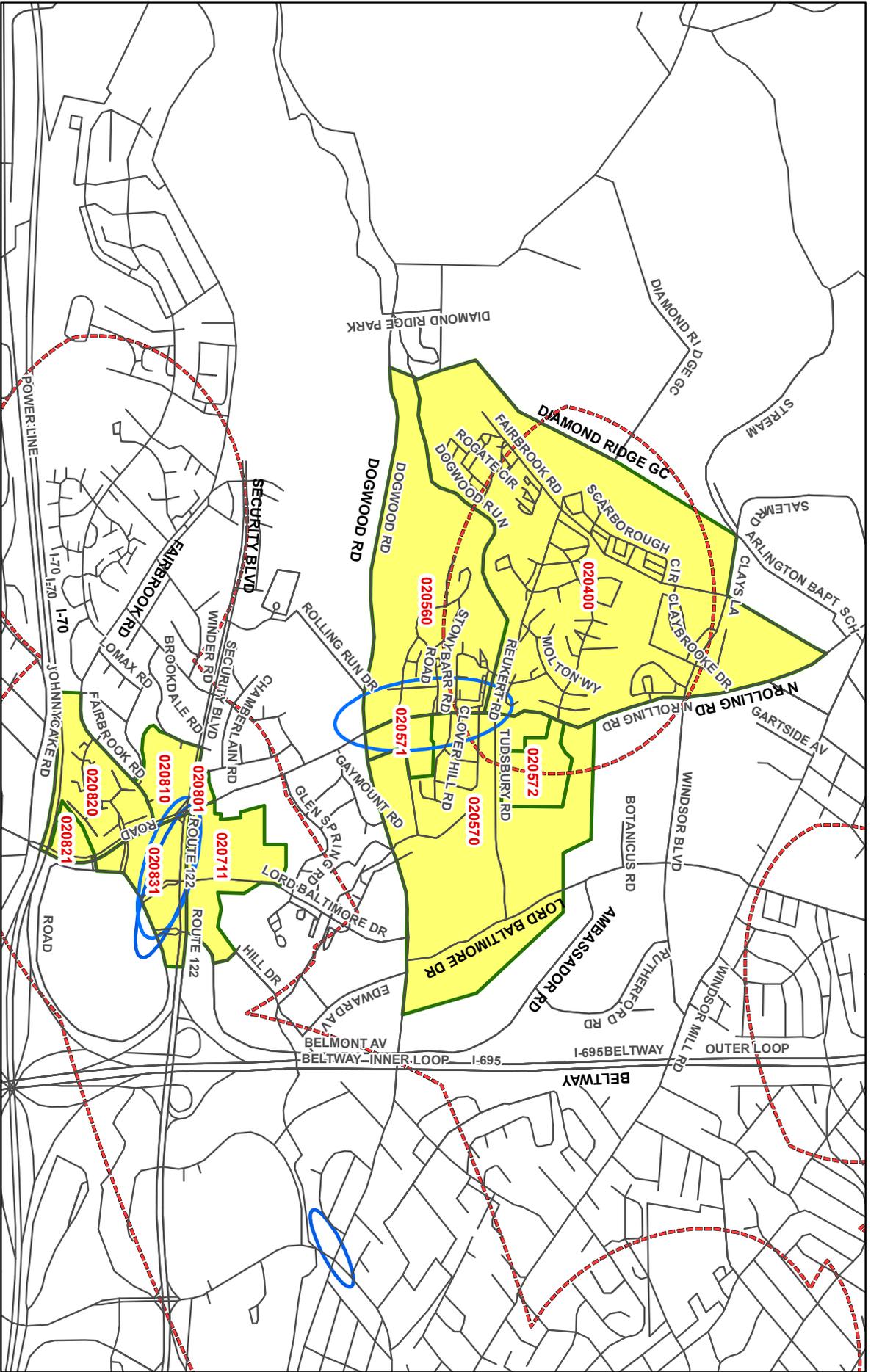
- Precinct personnel will be updated on a weekly basis of any crime trends in the target areas.  
Responsibility: Assistant Precinct Commander, IST Supervisor, Precinct Crime Analysis Officer
- Crime prevention information will be provided to businesses in the target area. Security surveys will be offered to the community and businesses in the target areas.  
Responsibility: COT, BPI, Precinct Commander
- Criminal, Traffic & FIR enforcement in the target areas will be increased during all three shifts 7/3, 3/11, and 11/7.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Persons on Parole/Probation for burglary who reside in the target area will be identified. Coordination with Parole/Probation will be used to ensure that these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: IST, C-Safe Officer, Precinct Crime Analysis Officer
- FIR's will be compared to Parole/Probation data for the presence of potential offenders in the area. Violations will be coordinated with parole/probation.  
Responsibility: IST, Precinct Crime Analysis Officer
- Surveillance details will be conducted in the target area during suspects. Open hours of frequent burglaries. Open communication between the precinct personnel and CID personnel will be ensured.  
Responsibility: IST, BPI, CAT, COT
- License plate readers will be deployed in the area during the hours of high burglary incident times.  
Responsibility: CAT, Patrol
- Educational information will be distributed to citizens, citizen on patrol groups, and community associations.  
Responsibility: Precinct Commander, COT, PCR

**Objective 3: To reduce traffic crashes in the target areas by 5 % compared to the 2006 data**

- Precinct 2 personnel will conduct 35 hours of high visibility patrol in each target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crash trends in the target areas, making special note of all personal injury, fatality, and alcohol related incidents.  
Responsibility: Assistant Precinct Commander, Traffic Supervisor, Crime Analysis Officer, COT Commander

- Crash prevention information will be provided to businesses, schools, and community associations in the target area.  
Responsibility: COT, BPI, Traffic Team, Precinct Commander
- Traffic & FIR enforcement in the target areas will be increased during the times when most crashes frequently occur.  
Responsibility: Patrol, Traffic Team, BPI, CAT, COT
- Crash locations will be examined for engineering improvements as needed.  
Responsibility: Traffic Team, Baltimore County Traffic Engineering, State Highway
- High crash areas will be targeted for increased enforcement during days and times of the highest frequency. Enforcement activities will target aggressive driving, failure to yield right away and following too closely violations.  
Responsibility: Traffic Team, Patrol, COT, CAT
- Speed surveys will be conducted on the major roadways to determine if speed is a problem in the target areas. Seatbelt surveys will be conducted monthly to determine if seatbelt compliance increases due to increased enforcement.  
Responsibility: Traffic Team
- Special traffic enforcement efforts will be conducted with the Motor Vehicle Administration to ensure vehicles and drivers are properly insured and licensed.  
Responsibility: Traffic Team, COT, Patrol
- License plate readers will be deployed in the area during the hours of high burglary/robbery incident times.  
Responsibility: CAT
- Educational programs will be taught at the high schools with young drivers.  
Responsibility: School Resource Officers

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDFACTS AREA IN PRECINCT 2  
 PC2\_AREA A

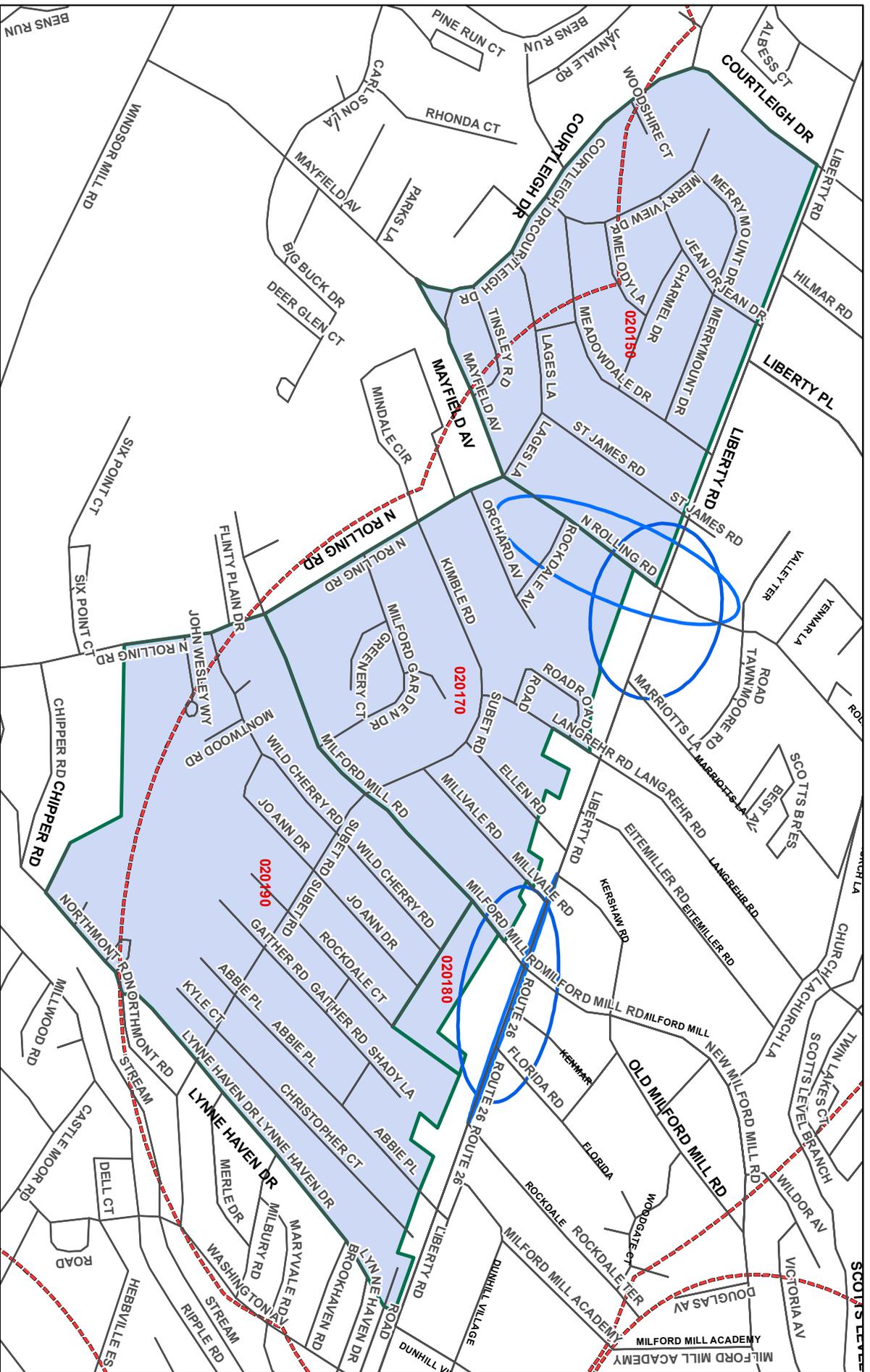


  
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 PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008  
 COMPOSITE HOT SPOT AREA  
 PC2\_AREA A

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 2  
 PC2\_AREA B



- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC2\_AREA B

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### **PRECINCT 3 (Reisterstown Road)**

Commander: Capt. Charles Rapp

Coordinator: Cpl. Steve Comegna

#### **Objective 1: To reduce serious motor vehicle crashes by 5% in the target area by December 31, 2009**

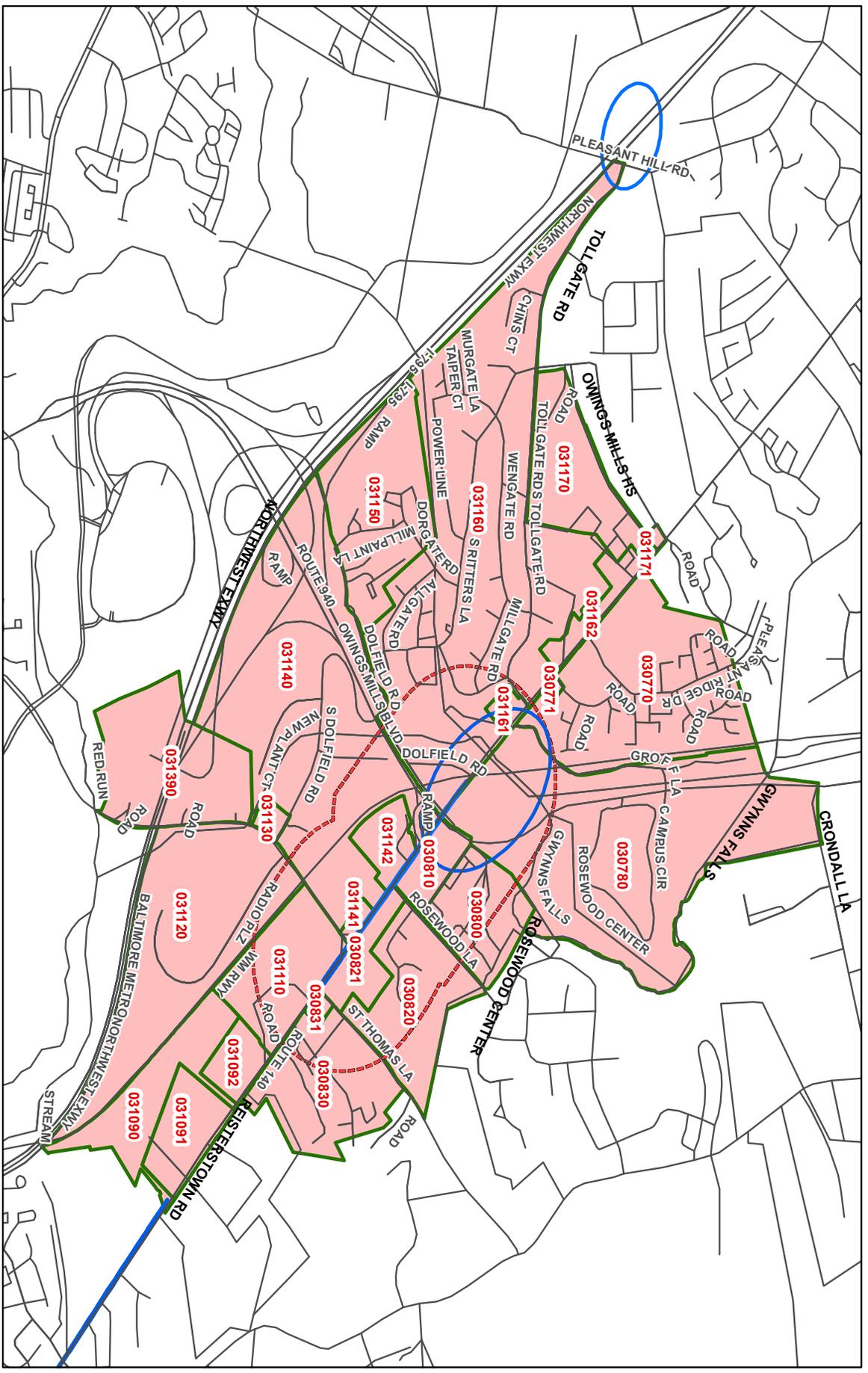
- The patrol shifts, including traffic officers, the Community Action Team and Community Outreach Team will perform forty hours per week of traffic enforcement/targeted patrol. Traffic Corporal Steven Comegna will administer overtime grant enforcement. He will assign the days and hours of operation.  
Responsibility: Patrol, Traffic, CAT, COT, Traffic Corporal.
- Assigned personnel and their supervisors will receive crash and crime data analysis for use in selecting specific areas for deployment.  
Responsibility: Assistant Precinct Commander, Traffic Corporal.
- The School Resource Officer at Owings Mills High School will develop a traffic safety plan for students that describe the driving dangers inherent on the selected roadways.
- The Assistant Precinct Commander will attempt to arrange an MVA detail for one of the apartment complexes in the target area.
- Officers assigned to high visibility patrol will complete data collection form and overtime forms, if applicable and submit them to their supervisor.

#### **Objective 2: To reduce burglaries by 5% in the target area by December 31, 2009**

- The patrol shifts, including traffic officers, the Community Action Team and Community Outreach Team will perform forty hours per week of traffic enforcement/targeted patrol. Traffic Corporal Steven Comegna will administer overtime grant enforcement. He will assign the days and hours of operation.  
Responsibility: Patrol, Traffic, CAT, COT, Traffic Corporal.
- Assigned personnel and their supervisors will receive crash and crime data analysis for use in selecting specific areas for deployment.  
Responsibility: Assistant Precinct Commander, Traffic Corporal.
- COT will work with community groups and apartment and retail management in the area to share crime and crash information.
- The PC 3 Warrant Officer will place first priority on any summonses or warrants to be served in the target area.
- The Assistant Precinct Commander will attempt to arrange an MVA detail for one of the apartment complexes in the target area.

- Officers assigned to high visibility patrol will complete a data collection form and overtime form, if applicable and submit them to their supervisor.

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDFACTS AREA IN PRECINCT 3  
 PC3\_AREA A



0.00012 Miles  
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- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC3\_AREA A

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

## **PRECINCT 4**

Commander: Capt. Roman Zaryk  
Coordinators: Lt. James Dorsey  
Cpl. Joseph Andrews

### **Area A (Pikesville):**

**Area B (Liberty Road):** (This area is being worked jointly with Precinct 2)

### **Objective 1: To reduce robberies in the target crime areas by 4% compared to 2008 data**

- Precinct 4 personnel will conduct 50.25 hours of high visibility patrol in the target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crime trends in the target areas.  
Responsibility: Assistant Precinct Commander, IST Supervisor
- Officers will maintain high visibility on their business posts. They will keep all of their businesses updated on current trends and activities. They will provide the businesses with crime prevention tips.  
Responsibility: BPI, COT
- Officers will increase citizen and suspicious subject contacts within the target areas and document the latter contacts with Field Interview Reports.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Officers will actively serve open warrants that are assigned to the precinct and interview those arrestees about crime occurring in the target areas.  
Responsibility: Patrol, CAT
- Officers will work jointly with the Investigative Services Team and Patrol in an attempt to gain informants from their F.I.R. and arrest contacts.  
Responsibility: CAT
- Bicycle patrol will be utilized to increase officer's mobility in the residential neighborhoods where a high frequency of crime is being experienced.  
Responsibility: Traffic Team, COT, Patrol
- Security surveys will be offered to business owners and residents.  
Responsibility: COT
- Officers will request appropriate County/State Agency to inspect and replace lighting in the target areas to increase prevention measures.  
Responsibility: Patrol, Traffic Team, COT, Patrol, BPI

- Employ the assistance of the Youth & Community Resource Bureau and the State Department of Human Resources to address any identified group home issues located within or on the periphery of the DDACTS areas.  
Responsibility: COT
- Officers will maintain a positive dialog with students and staff in our area schools in an attempt to gain information about identified crimes within the DDACTS areas.  
Responsibility: School Resource Officers
- Officers will coordinate with the Motor Vehicle Administration for tag recovery and registration violation projects in apartment complexes within the DDACTS areas.  
Responsibility: Traffic Team
- Detectives will consult with Parole and Probation to address the interaction with the subjects on parole or probation that are present in the DDACTS areas.  
Responsibility: IST
- Work jointly with the Gang Enforcement Team (GET) to identify and address all gang related criminal activity.  
Responsibility: IST
- Maintain a dialog with CID, other bordering precincts and the Baltimore City Police Department to keep apprised of their crime trends.  
Responsibility: IST
- Officers will provide robbery prevention information to citizens at community association meetings.  
Responsibility: COT

**Objective 2: To reduce burglaries in the target areas by 4% compared to the 2008 data**

- Precinct 4 personnel will conduct 50.25 hours of high visibility patrol in the target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crime trends in the target areas.  
Responsibility: Assistant Precinct Commander, IST Supervisor
- Officers will maintain high visibility on their business posts. They will keep all their businesses updated on current trends and activities. They will provide the businesses with crime prevention tips.  
Responsibility: BPI, COT
- Officers will increase citizen and suspicious subject contacts within the target areas and document the latter contacts with Field Interview Reports.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI

- Officers will actively serve open warrants that are assigned to the precinct and interview those arrestees about crime occurring in the TARGET areas.  
Responsibility: Patrol, CAT
- Officers will work jointly with the Investigative Services Team and Patrol in an attempt to gain informants from their F.I.R. and arrest contacts.  
Responsibility: CAT
- Bike patrols will be utilized to increase officer's mobility in the residential neighborhoods where high frequency of crime is being experienced.  
Responsibility: Traffic Team, COT, Patrol
- Security surveys will be offered to business owners and residents.  
Responsibility: COT
- Officers will request appropriate county/state agencies to inspect and replace lighting in the target areas to increase prevention measures.  
Responsibility: Patrol, Traffic Team, COT, Patrol, BPI
- Employ the assistance of the Youth & Community Resource Bureau and the State Department of Human Resources to address any identified group home issues located within or on the periphery of the target areas.  
Responsibility: COT
- Officers will secure the assistance of the County Division of Code Enforcement to address all identified violations within the target areas.  
Responsibility: COT
- Officers will communicate with the Department of Social Services to identify any issues presented by homeless individuals frequenting the target areas.  
Responsibility: COT
- Officers will maintain a positive dialog with students and staff in our area schools in an attempt to gain information about identified crimes within the target areas.  
Responsibility: School Resource Officers
- Officers will coordinate with the Motor Vehicle Administration for registration plate recovery and registration violations projects in apartment complexes within the target areas.  
Responsibility: Traffic Team
- Detectives will consult with Parole and Probation to address the interaction with the subjects on parole or probation that are present in the target areas.  
Responsibility: IST
- Work jointly with the Gang Enforcement Team (GET) to identify and address all gang related criminal activity.  
Responsibility: IST

- Maintain a dialog with CID, other bordering precincts and the Baltimore City Police Department to keep apprised of their crime trends.  
Responsibility: IST

**Objective 3: To reduce vehicle-related thefts in the target areas by 4% compared to the 2008 data**

- Precinct 4 personnel will conduct 50.25 hours of high visibility patrol in each target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crime trends in the target areas.  
Responsibility: Assistant Precinct Commander, IST Supervisor
- Officers will maintain high visibility on their business posts. They will keep all their businesses updated on current trends and activities. They will advise the businesses of crime prevention tips.  
Responsibility: BPI, COT
- Officers will increase citizen and suspicious subject contacts within the target areas and document the latter contacts with Field Interview Reports.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Officers will actively serve open warrants that are assigned to the precinct and interview those arrestees about crime occurring in the target areas.  
Responsibility: Patrol, CAT
- Officers will work jointly with the Investigative Services Team and Patrol in an attempt to gain informants from their F.I.R. and arrest contacts.  
Responsibility: CAT
- Bike patrols will be utilized to increase officer's mobility in the residential neighborhoods where high frequency of crime is being experienced.  
Responsibility: Traffic Team, COT, Patrol
- Security surveys will be offered to business owners and residents.  
Responsibility: COT
- Officers will request appropriate county/state agencies to inspect and replace lighting in the DDACTS areas to increase prevention measures.  
Responsibility: Patrol, Traffic Team, COT, Patrol, BPI
- Employ the assistance of the Youth & Community Resource Bureau and the State Department of Human Resources to address any identified group home issues located within or on the periphery of the target areas.  
Responsibility: COT

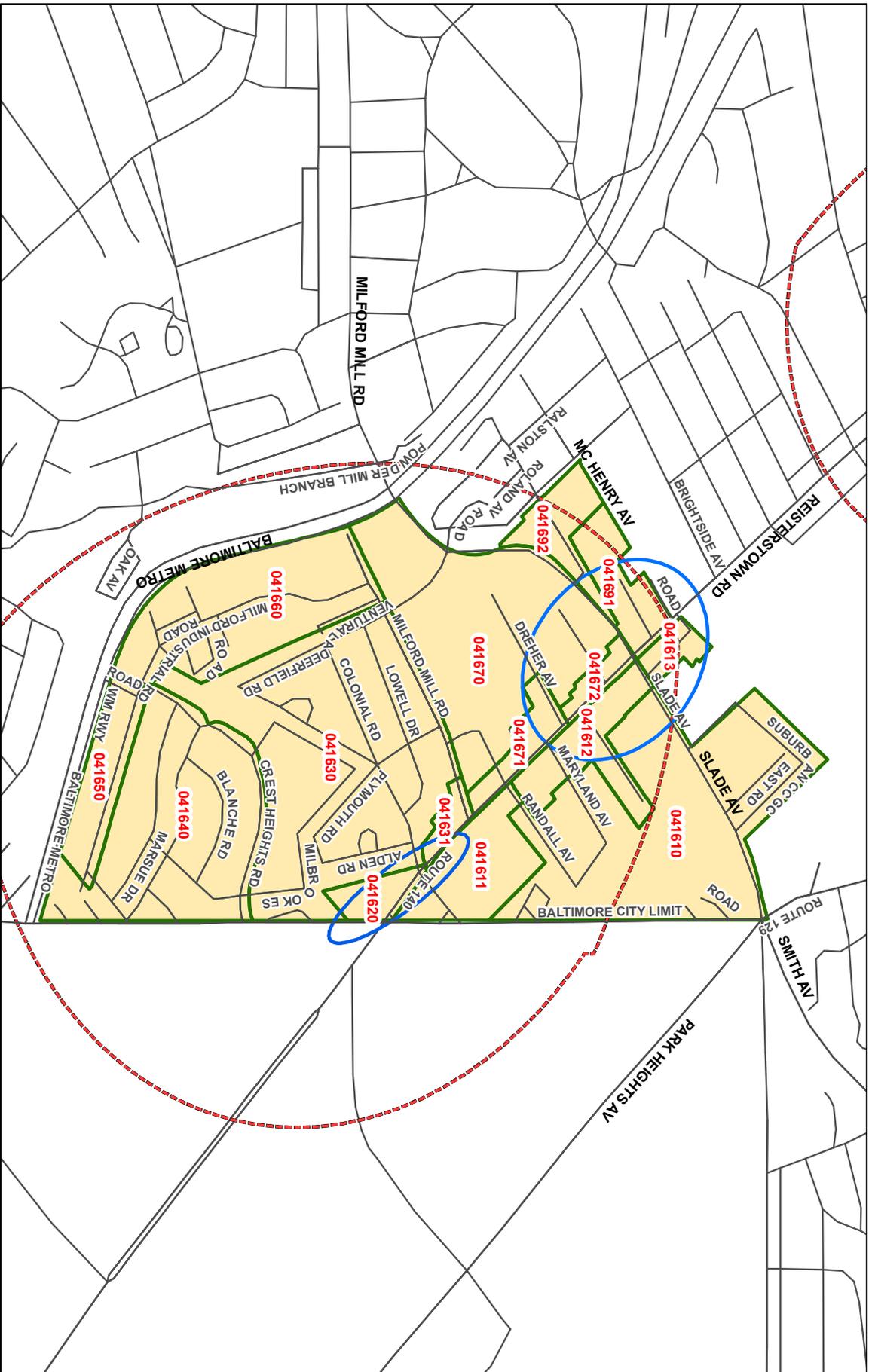
- Officers will maintain a positive dialog with students and staff in our area schools in an attempt to gain information about identified crimes within the target areas.  
Responsibility: School Resource Officers
- Officers will coordinate with the Motor Vehicle Administration for registration plate recovery and registration violations projects in apartment complexes within the target areas.  
Responsibility: Traffic Team
- Detectives will consult with Parole and Probation to address the interaction with the subjects on parole or probation that are present in the target areas.  
Responsibility: IST
- Work jointly with the Gang Enforcement Team (GET) to identify and address all gang related criminal activity.  
Responsibility: IST
- Maintain a dialog with CID, other bordering precincts and the Baltimore City Police Department to keep apprised of their crime trends.  
Responsibility: IST
- Officers will provide vehicle theft and theft from vehicle prevention information at established community meetings.  
Responsibility: COT

**Objective 4: To reduce personal injury traffic crashes in the target areas by 6% compared to the 2008 data**

- Precinct 4 personnel will conduct 50.25 hours of high visibility patrol in each target area per week with emphasis on self-initiated activity. Enforcement data will be collected on a daily basis.  
Responsibility: Patrol, COT, Traffic Team, CAT, BPI
- Precinct personnel will be updated on a weekly basis of any crash trends in the target areas, making special note of all personal injury, fatality, and alcohol related incidents.  
Responsibility: Traffic Team Supervisor
- High crash locations will be targeted for enforcement during the dates and times of highest frequency.  
Responsibility: Traffic Team, Patrol
- The focus will be on enforcement of following too closely and negligent driving traffic violations, to reduce to occurrences of rear end crashes.  
Responsibility: Traffic Team, Patrol, CAT
- Officers will distribute traffic safety educational pamphlets to vehicle operators.  
Responsibility: Traffic Team

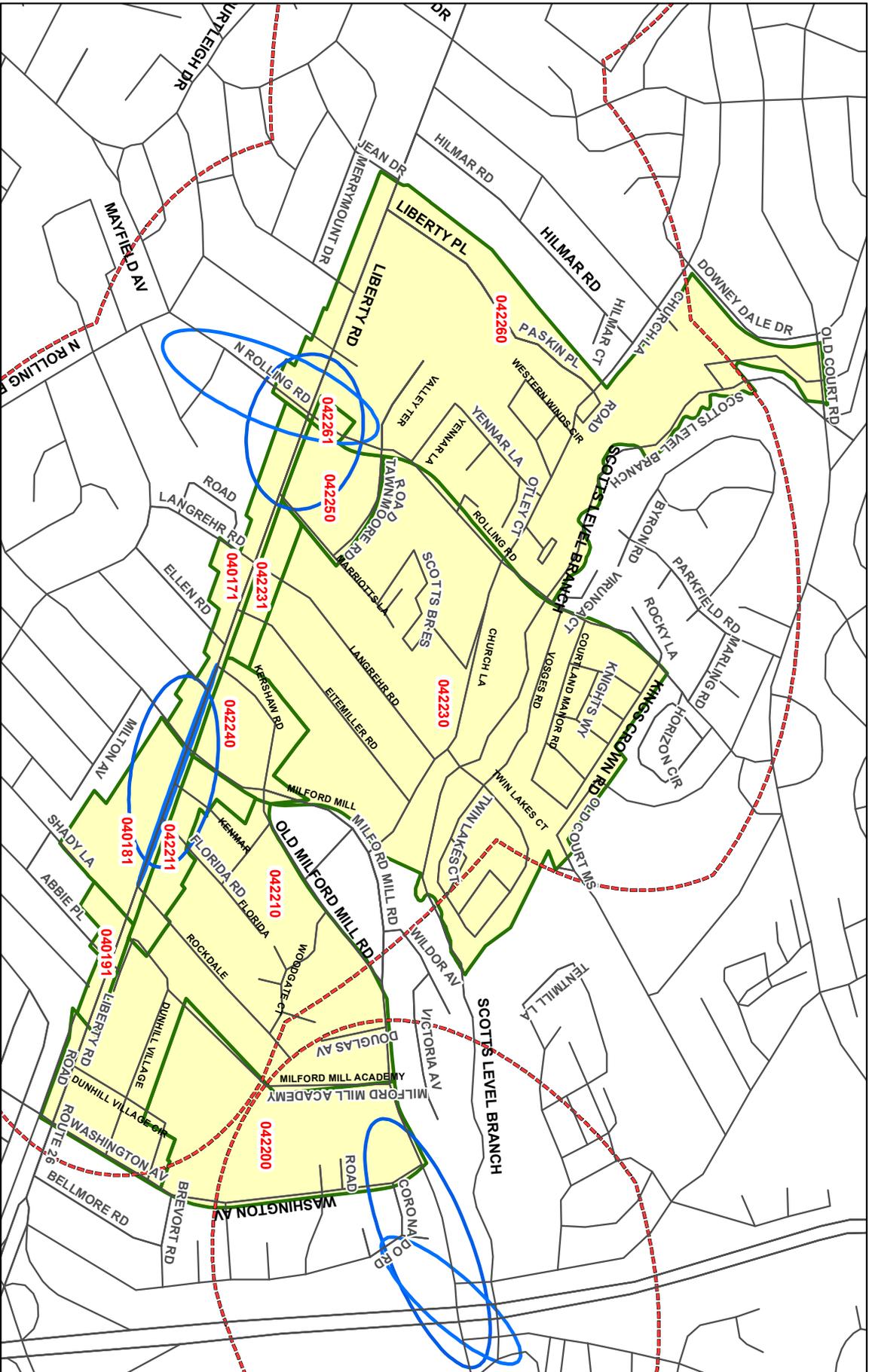
- Spy Radar technology will be used to monitor the speeds in the target areas to determine the amount of vehicles and their speeds at a given location. This information will be used to identify pertinent enforcement zones.  
Responsibility: Traffic Team
- Utilize LIDAR to reduce speed violators.  
Responsibility: Traffic Team
- Coordinate with the Traffic Engineering Department to conduct an engineering survey to determine if the speed limits need to be reduced. They will also request Traffic Engineering (County/State) to inspect automatic signals to ensure they are properly synchronized.  
Responsibility: Traffic Team
- Officers will coordinate with the Motor Vehicle Administration for registration plate recovery and registration violation projects in apartment complexes within the target areas.  
Responsibility: Traffic Team
- Traffic safety information related to crash problems in the area; including pedestrian safety, speeding, and impaired driving; will be provided to the community during established meetings.  
Responsibility: COT

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDFACTS AREA IN PRECINCT 4  
 PC4\_AREA A



- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC4\_AREA A

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDADTS AREA IN PRECINCT 4  
 PC4\_AREA B



- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC4\_AREA B

000133.06 Miles  
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## PRECINCT 6

Commander: Capt. Alexander Jones

Coordinator: Lt. Randy Guraleczka

### Area A (Hillandale):

#### **Objective 1: To reduce traffic accidents in the target area by 5% compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct 85 hours of proactive enforcement per week in the target area.
- Precinct personnel will conduct high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT
- Precinct personnel will receive specific information and analysis related to crashes occurring in the target area for use on planning enforcement efforts.  
Responsibility: Traffic Supervisor
- Speed surveys will be conducted on highly traveled roadways in the target area and enforcement will be deployed accordingly. A follow up survey will be conducted every 3 months to monitor results.  
Responsibility: Traffic Supervisor and Traffic Team
- High crash locations within the area will be targeted for enforcement during peak morning and evening rush hours between 0700 hours and 1800 hours. This enforcement will be targeted towards red-light violations and speeding, particularly at the intersection of East Joppa Road and Loch Raven Boulevard.  
Responsibility: Traffic Supervisor and enforcement personnel
- Traffic safety information related to crash problems in the area; including pedestrian safety, speeding, and red-light violations; will be provided to the community during meetings.  
Responsibility: Community Outreach Team and Precinct Commander

#### **Objective 2: Reduce robberies in the target area by 5% as compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct 85 hours of proactive enforcement per week in the target area.
- Precinct personnel will conduct high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT

- Precinct personnel will receive specific information and analysis related to robberies occurring in the target area for use in planning enforcement efforts.  
Responsibility: IST Supervisor, Outreach Commander and Assistant Precinct Commander
- Enforcement in the area of Loch Raven Boulevard, Taylor Avenue and East Joppa road, near the shopping centers, will be increased during the hours of 1800-2300 on Tuesday, Wednesday, and Thursday. CAT personnel will emphasize this area during their tours of duty.  
Responsibility: Patrol, BPI, CAT
- License plate readers will be deployed in the area during the peak hours of high robbery incidents.  
Responsibility: Patrol, CAT
- Enforcement Personnel will increase bank checks on banks in the established target area during the hours of 0900-1600 hours.  
Responsibility: Patrol and BPI
- Persons on parole/probation for robbery or violent crimes who reside in the target area will be identified. Coordination with Parole and Probation will be used to ensure that these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: IST, Warrant Squad Officer
- FIRS will be compared against parole/probation data to determine the presence of potential offenders in the area. Follow up on potential violations will be coordinated with Parole and Probation personnel as necessary.  
Responsibility: IST, Warrant Squad Officer
- Robbery prevention information will be provided to businesses and business organizations in the target area. Security surveys will be offered to business owners in high concentration areas.  
Responsibility: BPI, Precinct Commander

**Objective 3: Reduce burglaries in the target area by 5% as compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct 85 hours of proactive enforcement per week in the target area.
- Precinct personnel will conduct high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT
- Precinct personnel will receive specific information and analysis related to burglaries occurring in the target area for use in planning enforcement efforts.  
Responsibility: IST Supervisor, Outreach Commander and Assistant Precinct Commander

- Enforcement along the target areas will be increased during the hours of 0700 hours and 2300 hours, with particular focus during the morning to early evening hours. CAT personnel will emphasize this area during their tours of duty.  
Responsibility: Patrol, BPI, CAT

### **Area B (Central Towson):**

#### **Objective 1: Reduce traffic accidents in the target area by 5% compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct 30 hours of proactive enforcement per week in the target area.
- Precinct personnel will conduct high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT
- Precinct personnel will receive specific information and analysis related to crashes occurring in the target area for use on planning enforcement efforts.  
Responsibility: Traffic Supervisor
- Speed surveys will be conducted on highly traveled roadways in the target area and enforcement will be deployed accordingly. A follow up survey will be conducted every 3 months to monitor results.  
Responsibility: Traffic Supervisor and Traffic Team
- High crash locations within the area will be targeted for enforcement during peak morning and evening rush hours.  
Responsibility: Traffic Supervisor and enforcement personnel
- DUI enforcement will be conducted on York Road from 2200-0300 hours on Thursday, Friday and Saturday nights. Assistance from the DUI Enforcement Team will be requested.  
Responsibility: Shift Personnel and Traffic Management
- Traffic information related to crash problems, such as speeding red-light violations and other causation of crashes will be provided to the community during community meetings.  
Responsibility: Community Outreach Team, Traffic Supervisor and Precinct Commander

#### **Objective 2: Reduce robberies in the target area by 5% as compared to 2007/2008 data by December 31, 2009**

- Precinct Personnel will conduct 30 hours of proactive enforcement per week in the target area.
- Precinct personnel will conduct high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT

- Precinct personnel will receive specific information and analysis related to robberies occurring in the target area for use in planning enforcement efforts.  
Responsibility: IST Supervisor, Outreach Commander and Assistant Precinct Commander
- Enforcement in the area of York Road, near the mall and shopping centers, will be increased during the hours of 1000- 0300 hours. CAT and Central BPI personnel will emphasize this area during their tours of duty.  
Responsibility: Patrol, BPI, CAT
- Enforcement personnel will increase bank checks on banks in the established target area during the hours of 0900-1600 hours.  
Responsibility: Patrol and BPI
- License plate readers will be deployed in the area during the hours of high robbery incidence.  
Responsibility: Patrol, CAT
- Robbery prevention information will be provided to businesses and business organizations in the target area. Security surveys will be offered to business owners in high concentration areas.  
Responsibility: BPI, Precinct Commander
- The Chamber of Commerce will be asked to provide crime prevention information to members, particularly those new to the area.  
Responsibility: Precinct Commander

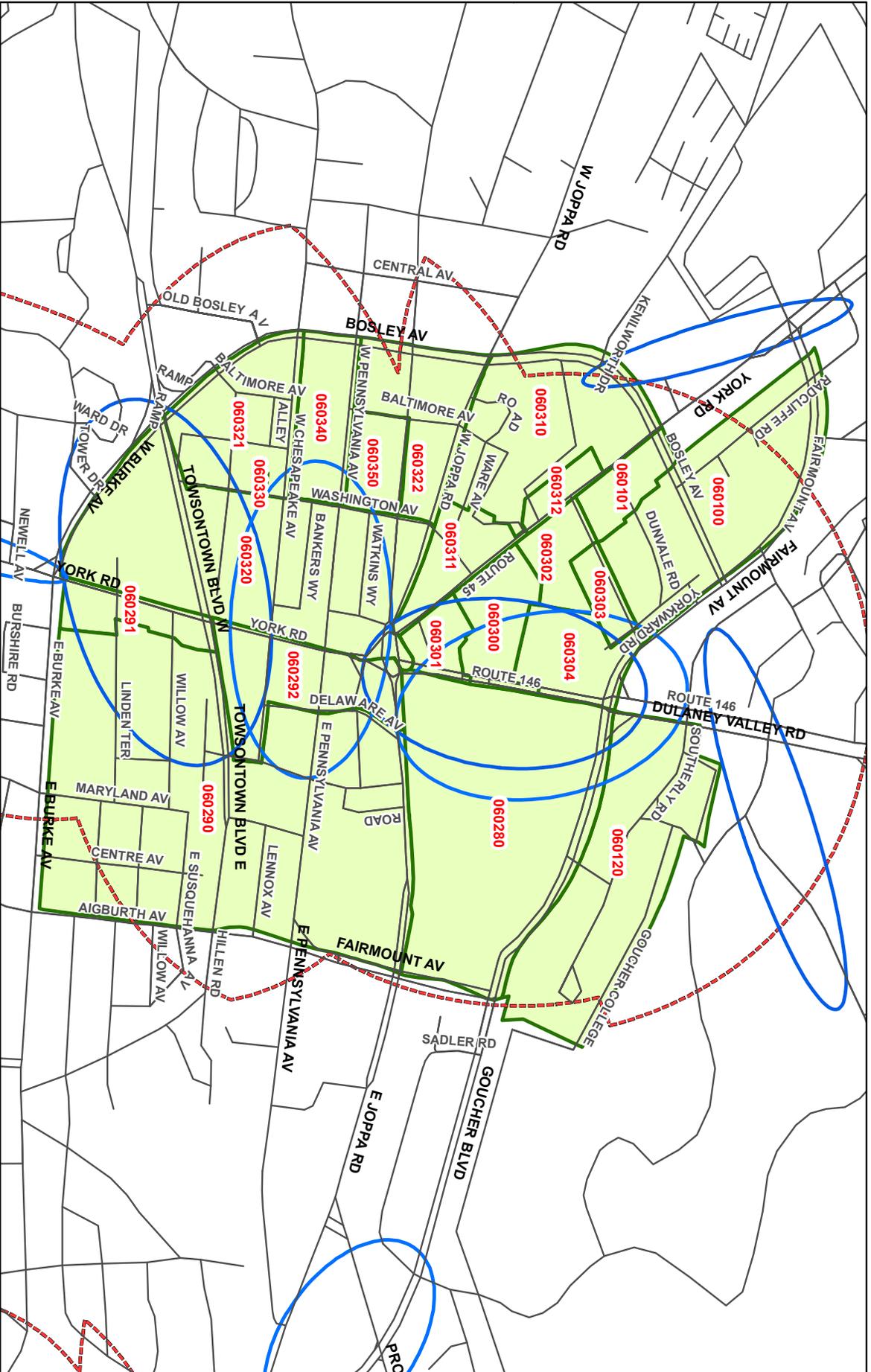
**Objective 3: Reduce burglaries in the target area by 5% as compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct 30 hours of proactive enforcement per week in the target area.
- Precinct personnel will conduct high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT
- Enforcement along the target areas will be increased during the hours of 1700 hours and 0600 hours, with particular focus during the evening to overnight hours. CAT personnel will emphasize this area during their tours of duty.  
Responsibility: Patrol, BPI, CAT
- The Chamber of Commerce will be asked to provide crime prevention information in material provided to members, particularly those new to the area.  
Responsibility: BPI and Precinct Commander

**Objective 4: The alcohol enforcement for 2007/2008 was extremely high in the target area; we would like to maintain that level through December 31, 2009**

- Precinct personnel will conduct high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT
- Plainclothes detail will be conducted in the local establishments that serve alcohol between the hours of 2000 -0200 hours on Thursday, Friday and Saturday nights. We will be utilizing over-time grants that focus on under-age drinking. The Commander of Outreach will be assigning officers to work this detail and follow-up with the Baltimore County Liquor Board for enforcement  
Responsibility: Patrol, CAT, Towson University Police and BPI
- DUI enforcement will be conducted on York Road from the hours of 2200-0300 hours on Thursday, Friday and Saturday nights. Assistance from the DUI Enforcement Team will be requested.  
Responsibility: Shift Personnel and Traffic Management

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 6  
 PC6\_AREA A

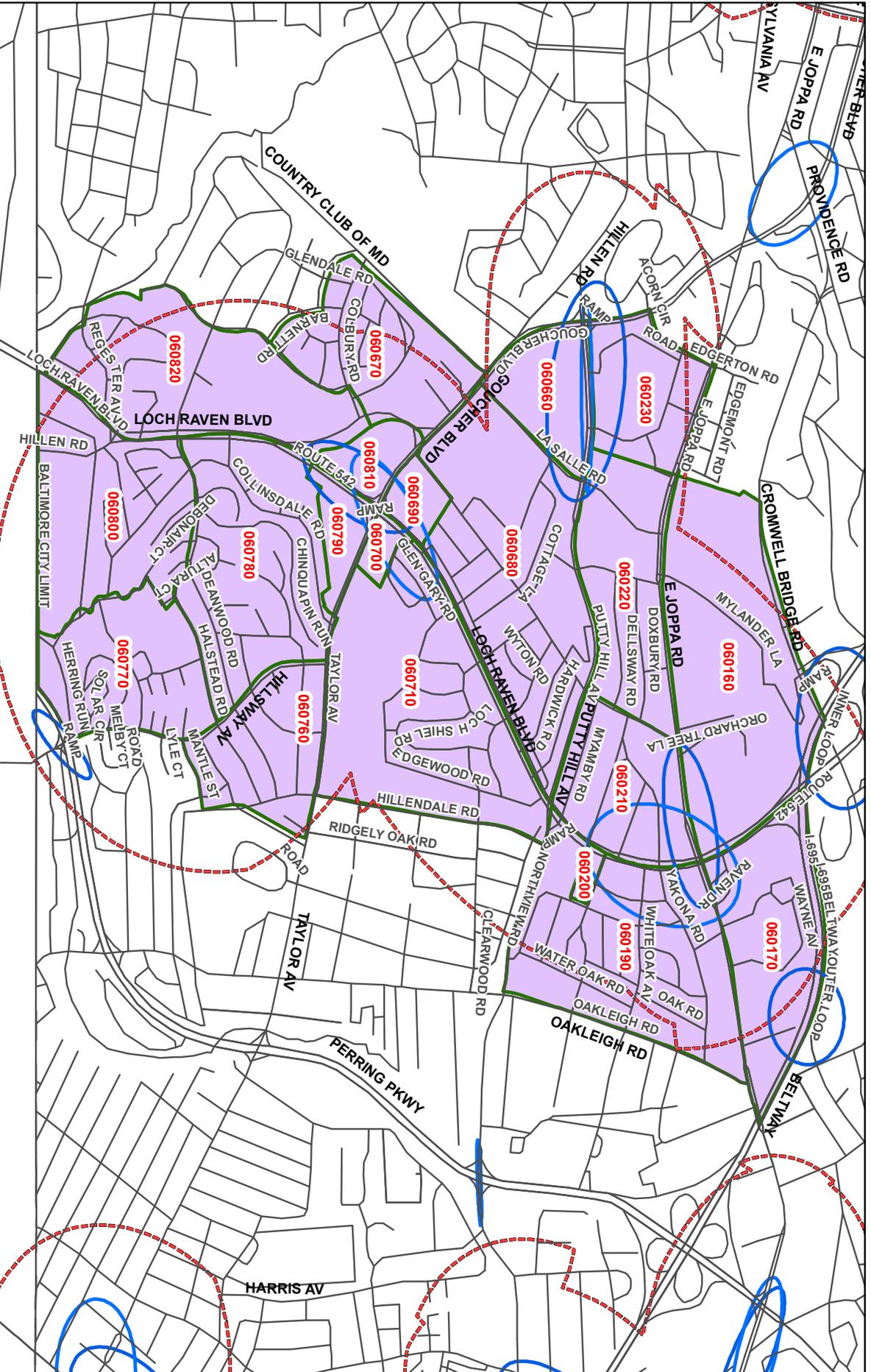


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- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC6\_AREA A

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 6  
 PC6\_AREA B



0.000012 Miles

- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC6\_AREA B

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

## PRECINCT 7

Commander: Capt. Marty Lurz

Coordinator: Cpl. Patrick Zito

### Area A (Hunt Valley)

### Area B (Timonium)

#### **Objective 1: To reduce traffic crashes in both of the target areas by 5% compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct high visibility patrol in each of the targeted areas with an emphasis on self-initiated activity. A total of 197 hours per week of high visibility patrol/enforcement activity will be conducted between the two areas. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol shifts, Traffic Team, BPI, CAT
- Precinct Commander and DDACTS Station Coordinator will receive specific information and analysis related to crashes occurring in the target areas for use in planning efforts.  
Responsibility: Traffic Supervisor and Assistant Precinct Commander
- High crash locations as target within the area will be targeted for enforcement efforts during the days/times of highest frequency. This enforcement will be targeted both to red light violations, speeding vehicles, pedestrian crossings, tailgating, following too closely, and seatbelt/safety seat violations in both target areas.  
Responsibility: Traffic Supervisor and Traffic Team
- Speed surveys will be conducted on highly traveled roadways in each target area and enforcement will be deployed accordingly. Follow-up surveys will be conducted every two months to monitor the results.  
Responsibility: Traffic Supervisor, Traffic Team, and Speed Spy
- Education efforts targeted at young drivers will be conducted at precinct high schools feeding from the target areas.  
Responsibility: School Resource Officers
- DUI enforcement will be conducted on the portion of York Road and Timonium Road that travels through the high crash target area in each targeted area. Emphasis will be placed on Thursday, Friday, and Saturday nights from 2100 – 0300. Days and times will be adjusted as necessary. Assistance from the DUI Enforcement Team will be requested. Responsibility: Traffic Supervisor and TRM
- Traffic Engineering will be requested to review all major intersections if any deficiencies are observed by the assigned Traffic Officers when working in both of the crash/enforcement areas to ensure compliance with accepted state standards.  
Responsibility: Traffic Supervisor and Assistant Precinct Commander

- If any deficiencies are discovered, requiring intervention by Traffic Engineering, enforcement will be conducted to ensure that the appropriate changes are being adhered to by the public.  
Responsibility: Traffic Supervisor
- Traffic safety information related to traffic, crash, DUI, seatbelt/safety seat, speeding, etc, will be distributed to the community during established meetings and public events.  
Responsibility: Community Outreach Team, Precinct Commander

**Objective 2: To reduce robberies in both of the target areas by 5% as compared to 2007/2008 data by December 31, 2009**

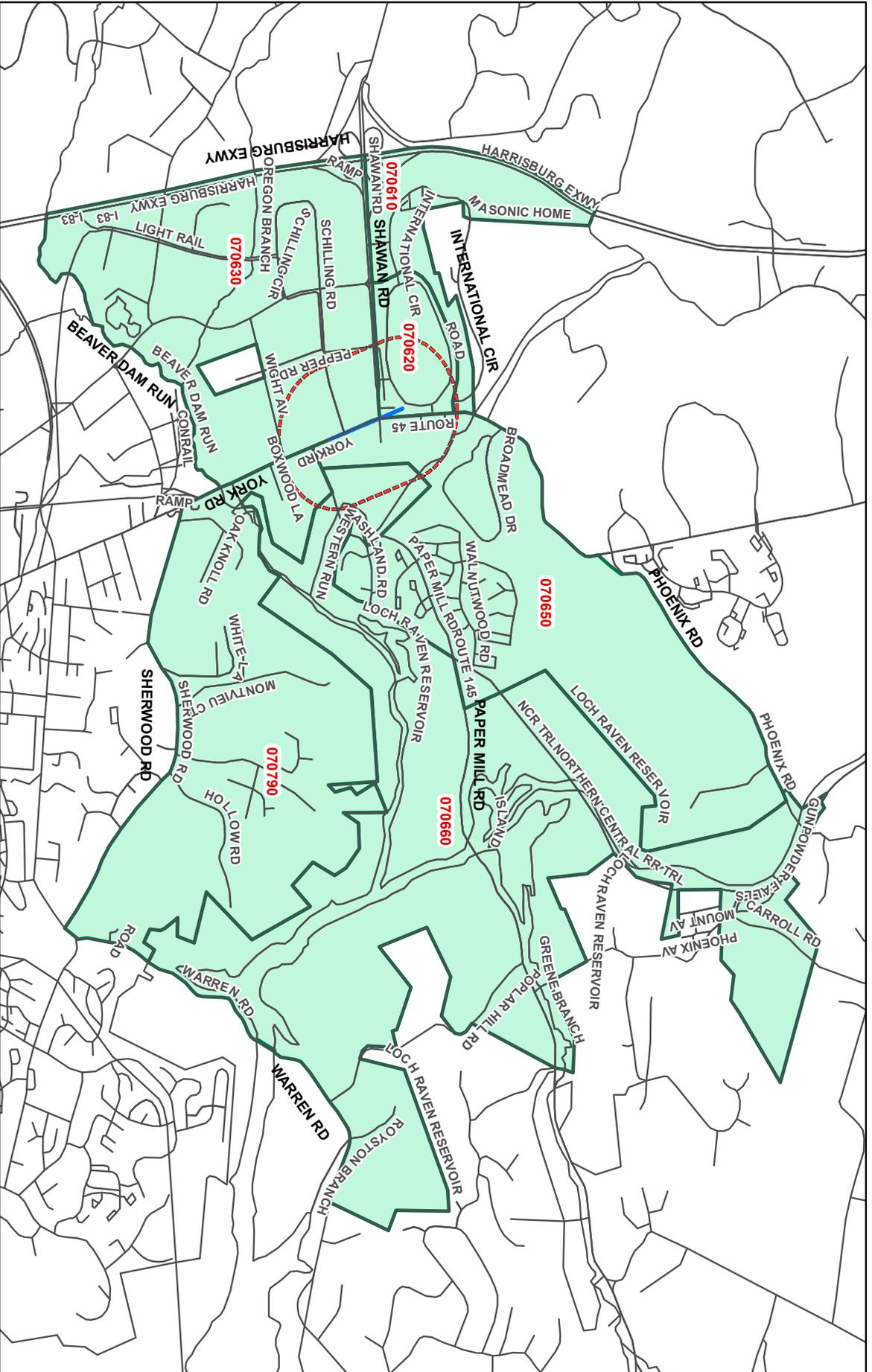
- Precinct personnel will conduct high visibility patrol in each of the targeted areas with an emphasis on self-initiated activity. A total of 197 hours per week of high visibility patrol/enforcement activity will be conducted between the two areas. FIRS will be used to document the presence of suspicious persons. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol Shifts, BPI, CAT
- Precinct personnel will receive specific information and analysis related to robberies occurring in the targeted areas for use in planning enforcement efforts.  
Responsibility: ISU Supervisor and Precinct Commander
- Enforcement in the areas of each target area near a shopping center will be increased during the hours of 1700 – 2300 on Wednesday, Thursday, Friday, and Saturday. CAT personnel will emphasize these areas during their tours of duty.  
Responsibility: Patrol, BPI, CAT
- CAT will utilize license plate readers in both of the target areas when available during the hours of high robbery incidence.  
Responsibility: CAT
- Persons on parole/probation for robbery or violent crimes who reside in both of the target areas will be identified. Coordination with Parole & Probation will be used to ensure that these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: ISU
- FIRS will be compared against parole/probation data to determine the presence of potential offenders in the targeted areas. Follow-up on potential violations will be coordinated with Parole & Probation personnel as necessary.  
Responsibility: ISU
- Robbery prevention information will be provided to businesses and business organizations in the targeted areas. Security surveys will be offered to business owners in the high concentration areas.  
Responsibility: BPI, COT, Precinct Commander

- The GTCC will be asked to help provide crime prevention information to its member organizations at its regular meetings. This will include any local business organizations in the York Road corridor.  
Responsibility: COT, Assistant Precinct Commander

**Objective 3: To reduce residential burglaries in both of the target areas by 5% as compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct high visibility patrol in each of the targeted areas with an emphasis on self-initiated activity. FIRS will be used to document the presence of suspicious persons. Additional emphasis will be placed on subjects not indigenous to the local neighborhood areas. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol Shifts, BPI, CAT
- Precinct personnel will receive specific information and analysis related to residential burglaries occurring in the targeted areas for use in planning enforcement efforts.  
Responsibility: ISU Supervisor and Precinct Commander
- Enforcement in the residential areas of each target area within the neighborhood will be increased during the hours of 1700 – 2300 on the weekdays. This time frame will be adjusted weekly based on current information obtained from the daily crime log. CAT personnel will emphasize these areas during their tours of duty.  
Responsibility: Patrol, CAT
- License plate readers will be utilized in the residential neighborhoods of both of the target areas when available by CAT during the hours of high burglary incidence.  
Responsibility: CAT
- Persons on parole/probation for burglary or violent person on person crimes who reside in both of the target areas will be identified. This will include subjects that would travel through the area but do not reside there. Coordination with Parole & Probation will be used to ensure that these persons are compliant with restrictions and are discouraged from repeat offending.  
Responsibility: ISU
- FIRS will be compared against parole/probation data to determine the presence of potential offenders in the targeted areas. Follow-up on potential violations will be coordinated with Parole & Probation personnel as necessary.  
Responsibility: ISU
- Residential burglary prevention information will be provided to residents and community organizations in the targeted areas. Security surveys will be offered to residential owners in the high concentration areas.  
Responsibility: CAT, COT, Precinct Commander
- The GTCC will be asked to help provide crime prevention information to its member organizations at its regular meetings. This will include any local homeowner's associations or organizations in the York Road corridor.  
Responsibility: COT, Assistant Precinct Commander

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 7  
 PCT\_AREA

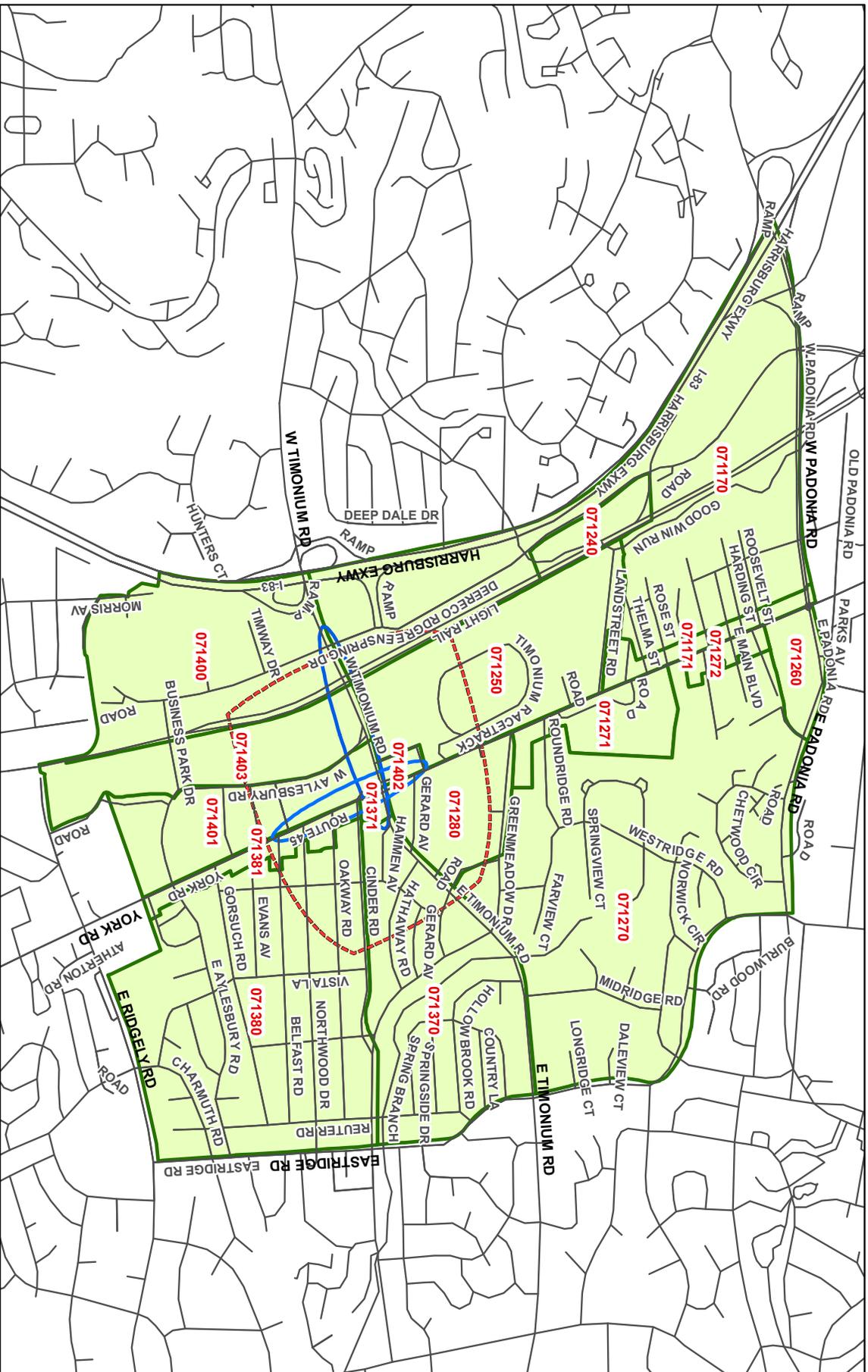


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- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PCT\_AREA

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 7  
 PC7\_AREA B



- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC7\_AREA B

0002350 1 Miles

## PRECINCT 8 (Parkville)

Commander: Capt. Jon Trentzsch

Coordinator: Sgt. Marvin Haw

### **Objective 1: Reduce burglaries by 5% in target areas as reflected in statistical information January 2007 through December 2008**

- Increase proactive patrols and traffic enforcement (72 hours per week) in target areas (Patrol, CAT, Outreach and Traffic Management).
- Increase citizen/suspicious subject contacts in target areas during the daylight and evening shifts. Document contacts on FIR's (Patrol, CAT, BPI, Traffic and Outreach).
- Attend community meetings to inform residents of crime trends (Outreach).
- Send email alerts through established email trees to inform residents of increased criminal activity (Outreach).
- Conduct bike patrols during evening shift hours to identify suspicious subjects and potential suspects (Outreach and CAT).
- Conduct surveillance during high incident times and days by the use of non-descript vehicles (IST, CAT and Outreach).
- Work with burglary and Parole and Probation to identify suspects in and around the area with previous arrests and incarceration for related crimes (Warrant Officer, CAT Burglary).
- Advertise the availability of residential security surveys in affected areas (Outreach).
- Provide updated intelligence on crime trends and affected areas to the shifts through information gathered at weekly crime meetings and DDACTS updates from Crime Analysis (Administrative Officer).
- Document activity on DDACTS data sheets (Shifts 2,3 and 4)

### **Objective 2: Reduce traffic crashes by 5% in target areas as reflected by statistical information derived from January 2007 through December 2008**

- Conduct speed surveys on target corridors within the target areas (Traffic)
- Review previous traffic complaints received during the past 2 years as related to the target areas to concentrated coverage and enforcement techniques (Traffic).
- Increase speed enforcement through RADAR and LIDAR on target corridors (Traffic, CAT and Patrol).
- Conduct seatbelt surveys in target corridors (Auxiliary).

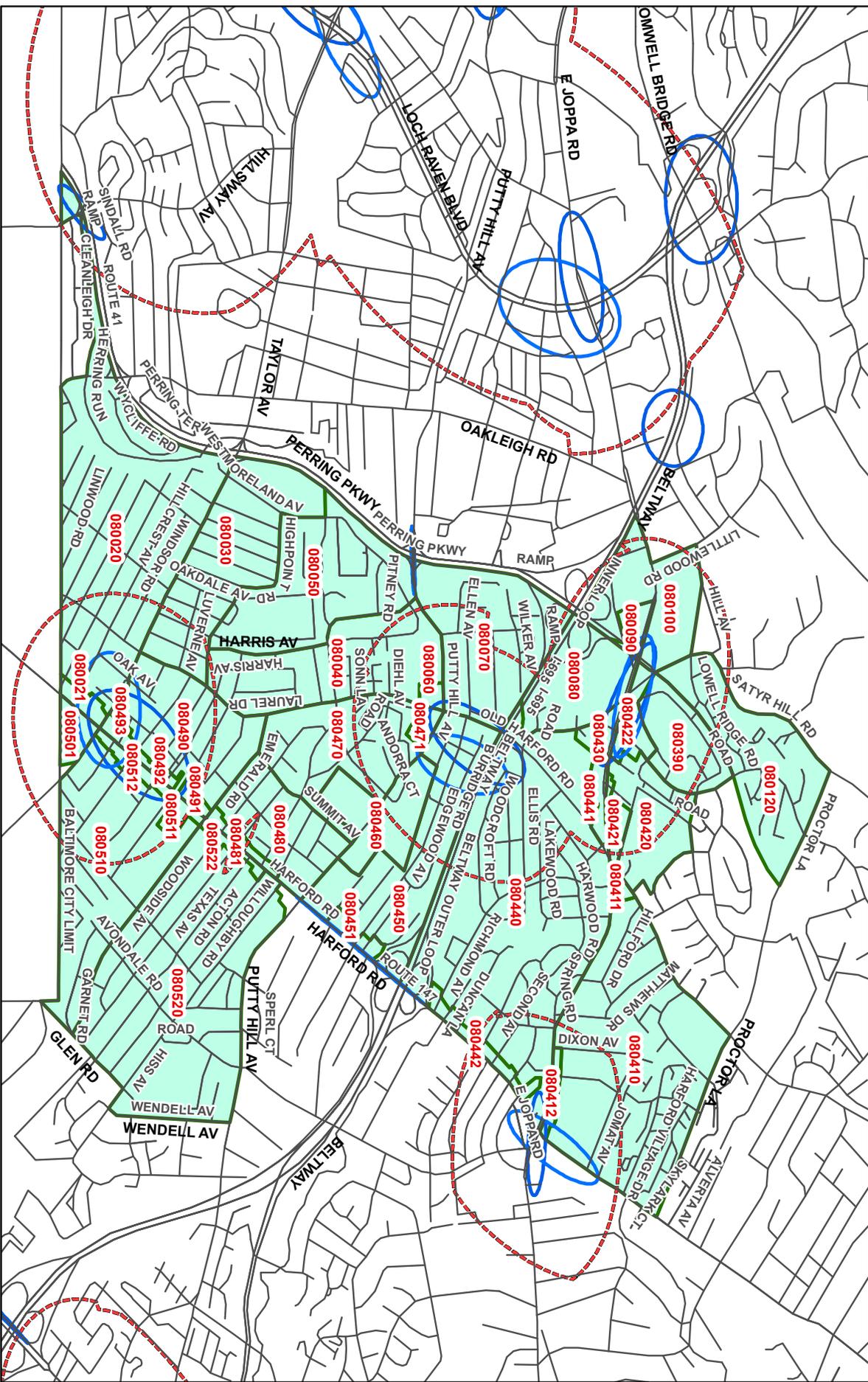
- Conduct DUI enforcement in target corridors during the hours of 2300 hours through 0300 hours (Traffic Management, Patrol via midnight shifts).
- Increase marked unit police presence during times recognized through DDACTS and speed surveys in high crash areas (Traffic, Patrol, CAT, and BPI).
- Increase the use of the speed trailer in target corridors (Traffic, Traffic Management).
- Coordinate and perform enforcement details with MVA Investigators to remove non-compliance vehicles from target corridors (Traffic).
- Identify crash problems as related to road markings and signage in target areas (Traffic, State Highways and Baltimore County Roads).
- Document enforcement activity on DDACTS forms (All Related Units).

**Objective 3: Reduce thefts from Autos by 5% in target areas as reflected by statistical information derived from January 2007 through December 2008**

- Increase proactive patrols and traffic enforcement in target areas during shifts 1 and shifts 3 (Patrol, CAT, Traffic and Outreach).
- Increase contact and documentation of suspicious subjects in target areas (Patrol and CAT).
- Conduct bike patrols in target areas to identify suspicious/suspects and document same (CAT, Outreach and BPI).
- Work with parole and probation by submitting FIR's from target areas of suspicious subjects to ascertain violations of parole (Warrant Officer).
- Provide updated information on current crime trends in target areas as related to thefts from autos to shift personnel. This will be compiled at weekly crime meetings (Administrative Officer).
- Conduct neighborhood surveys of unlocked vehicles and/or vehicles containing valuables and educate residents via flyers in their mailboxes. This can be achieved through bike patrols on target streets (CAT, BPI and Outreach).
- Conduct surveillance during peak times by way of non-descript vehicles (Crime Analysis, Administrative Officer, CAT, IST and Outreach).
- Document all enforcement activity on DDACTS sheets.
- Adjust schedules of support units to gain coverage during peak times (CAT, Outreach, BPI and Traffic).

- Educate residents of crime trends and affected areas by way of community meetings and email trees (Outreach).
- Meet with RATT to identify any trends that may be related to thefts of and thefts from vehicles. Ascertain times and areas recognized by RATT as related to the target areas.

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 8  
 PC8\_AREA A



000330 14 Miles  
 LLLLLL

- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC8\_AREA A

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

## **PRECINCT 9 (Golden Ring)**

Commander: Capt. Mike Balog

Coordinator: Cpl. Patrick Wilhelm

### **Objective 1: To reduce traffic crashes in the target areas by 5 % compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will conduct 61 weekly hours of high visibility patrol in the targeted areas. Enforcement data will be collected at the precinct level and reviewed on an ongoing basis by Traffic Management.  
Responsibility: Patrol shifts, Traffic Team, COU, BPI, CAT
- Precinct personnel will receive crash/crime information and analysis related to trends occurring in the target areas for use in planning enforcement efforts.  
Responsibility: Traffic Supervisor and Assistant Precinct Commander
- Speed surveys will be conducted on target area roadways and enforcement will be deployed accordingly. Follow up surveys will be conducted every 2 months to monitor results.  
Responsibility: Traffic Team and TRM speed monitoring equipment
- DUI enforcement will be conducted along Philadelphia Rd between the hours of 2200-0300 by utilizing the DUI Enforcement Team and any TRM grant details.  
Responsibility: Traffic Supervisor and Traffic Management
- Traffic Safety information related to crash problems in the area, including speeding, impaired driving and school bus violations will be provided to the community during established meetings.  
Responsibility: Community Outreach Unit

### **Objective 2: To increase seatbelt usage by 5 percentage points in the target road areas**

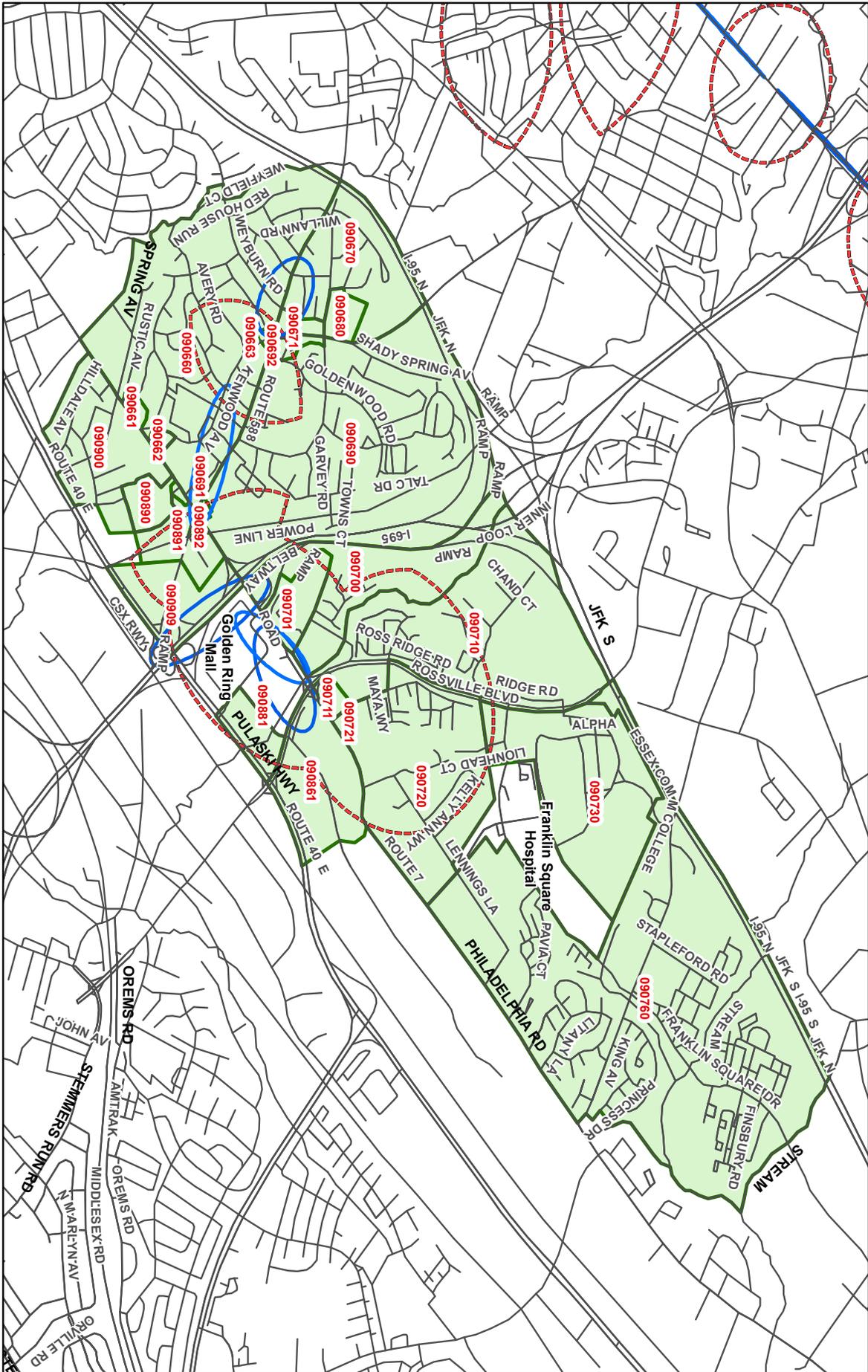
- Seatbelt enforcement zones will be determined and group enforcement details will be completed as needed.  
Responsibility: Traffic Team, Outreach Unit
- Seatbelt surveys will be conducted along Philadelphia Rd in the target areas. Follow up surveys will be conducted every 2 months to monitor results and to locate new areas for seatbelt enforcement zones.  
Responsibility: Auxiliary Police and Traffic Supervisor

### **Objective 3: To reduce commercial / street robberies and business / residential burglaries in the target areas by 10% as compared to 2007/2008 data by December 31, 2009**

- Precinct personnel will receive specific information and analysis related to burglaries and robberies occurring in the target areas for use in planning enforcement efforts.  
Responsibility: IST

- FIRS will be used to document suspicious subjects in the target areas. Proactive patrol in areas near shopping centers, during high volume hours, along with business checks by BPI will be conducted.  
Responsibility: Patrol, BPI
- License plate readers will be deployed in the area during the hours of high robbery and burglary incidents.  
Responsibility: CAT
- Persons on parole or probation for robbery and burglary who reside in the target areas will be identified. Follow up on potential violations will be coordinated with Parole and Probation personnel as necessary.  
Responsibility: IST
- Robbery prevention information will be provided to businesses and organizations in the target areas. Security surveys will be offered to business owners in the high concentration areas.  
Responsibility: BPI
- Residential and business burglary surveys will be completed as needed in the target areas.  
Responsibility: COU, BPI
- Surveillance by non-descript units will be deployed in the target areas when a new trend occurs with robberies or burglaries.  
Responsibility: IST

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 9  
 PC9\_AREA A



00450 18 Miles  
 LLLLLL

- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC9\_AREA A

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Division  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

## **PRECINCT 11 (Eastern Boulevard)**

Commander: Capt. Michael DiPaula

Coordinator: Cpl. Robert Baldauf

### **Objective 1: To reduce traffic crashes in the target area by 10% compared to 2007/2008 data by December 31, 2009**

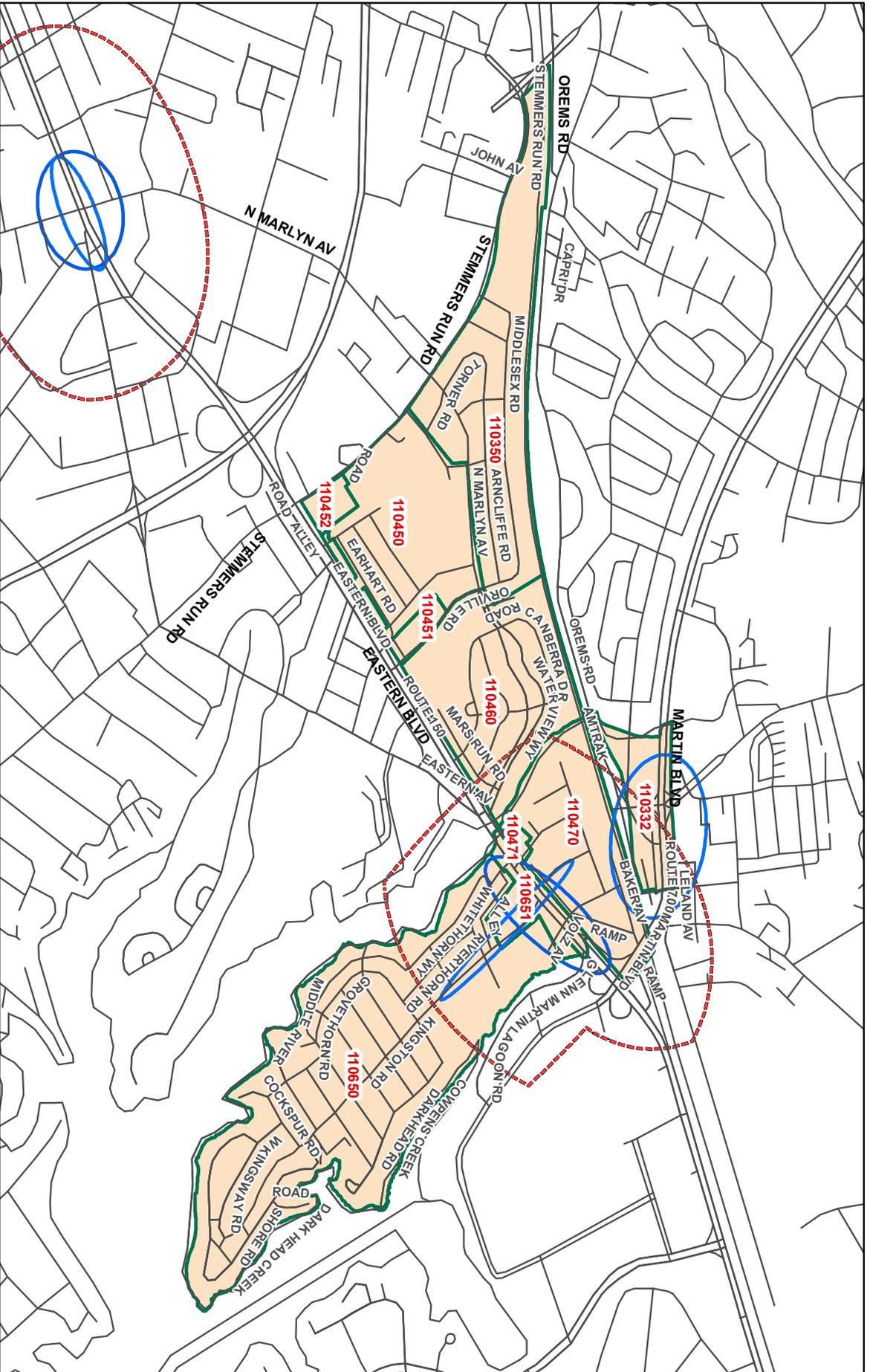
- Precinct personnel will conduct 100 hours, weekly, of high visibility patrol in the area with an emphasis on self-initiated activity. Enforcement will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol Shifts, Traffic Team, BPI and Cat
- Precinct personnel will receive specific information and analysis related to crashes occurring in the target area for use in planning enforcement efforts.  
Responsibility: Traffic Supervisor and Assistant Precinct Commander
- High crash locations within the area will be targeted for enforcement during days/times of highest frequency. Primarily, this enforcement will be targeted towards reducing pedestrian crashes in the area of Eastern Ave and Kingston Road. Enforcement efforts to reduce red light violations and speeding in the 1200 Block of Eastern Ave will be conducted.  
Responsibility: Traffic supervisor and enforcement personnel
- Education efforts targeted at young drivers will be conducted at high schools feeding from the target areas. This will include the Pacesetters project for all middle high school students.  
Responsibility: School Resource Officers
- Traffic safety information related to crash problems in the area, including pedestrian safety, speeding and impaired driving, will be provided to the community during established meetings.  
Responsibility: Community Outreach Team, Traffic Resources and Precinct Commander
- Speed surveys in the 1200 block of Eastern Ave will be conducted at the beginning and end of the project to evaluate the success of the project.

### **Objective 2: To reduce calls for service relating to quality of life issues by 15%, as compared to 2007/2008 data, by December 31, 2009**

- Precinct personnel will conduct 100 hours weekly (these hours are included in the crash initiative) of high visibility patrol in the area with emphasis on self-initiated activity. FIRS will be used to document the presence of suspicious persons. Enforcement data will be collected and reviewed on an ongoing basis.  
Responsibility: Patrol Shifts, Traffic Team, BPI
- Precinct personnel will receive specific information and analysis related to robberies, burglaries, thefts, auto thefts and juvenile complaints in the target area. This will be used in planning enforcement.  
Responsibility: IST Supervisor and Assistant Precinct Commander

- Intelligence information relating to drug activity will be forwarded to CDVIT with a request for enforcement action.  
Responsibility: Eastern CDVIT
- Traffic enforcement in the area of Eastern Ave and Kingston Road and the 1200 Block of Eastern Avenue will be predetermined by the traffic supervisor, who will relay the information to the enforcement teams.  
Responsibility: Patrol, BPI and CAT
- License plate readers will be deployed in the area during the hours of high activity.  
Responsibility: Traffic Team, CAT, Patrol
- Persons on parole/probation for robbery, burglary or violent crimes, who reside in the target area, will be identified. Coordination with Parole and Probation will be used to ensure that these persons are compliant with restrictions and discouraged from repeat offending.  
Responsibility: IST and Outreach
- FIRS will be compared against parole/probation data to determine the presence of potential offenders in the area. Follow-up on potential violations will be coordinated with Parole and Probation personnel as necessary.  
Responsibility: IST, Outreach and Patrol
- Robbery prevention information will be provided to businesses and business organizations in the target area. Security surveys will be offered to business owners in high concentration areas.  
Responsibility: BPI, Outreach and Precinct Commander
- Crime prevention information and material will be provided to new businesses in the target area.  
Responsibility: BPI and Outreach
- Crime information will be provided to the community during established meetings.  
Responsibility: Community Outreach Team and Precinct Commander

DATA DRIVEN APPROACHES TO CRIME AND TRAFFIC SAFETY  
 SELECTED DDACTS AREA IN PRECINCT 11  
 PC11\_AREA A



0.000 12 Miles  
 UUUUUU

- PERSONAL INJURY MARCH - NOVEMBER 2007 & 2008
- COMPOSITE HOT SPOT AREA
- PC11\_AREA A

Baltimore County Police Department  
 Administrative and Technical Services Bureau  
 Administrative Services Section  
 Crime Analysis Section  
 Traffic Analysis Team  
 April 10, 2009

## **PRECINCT 12 (Merritt Boulevard)**

Commander: Capt. Woodland Wilson

Coordinator: Cpl. Shane Moroz

### **Objective 1: To reduce the incidents of the Part I and Part II crimes by a total of 3%**

These crimes were selected because our precinct had a particular high occurrence of them accounting for approximately 21% of the total crime in our precinct. To be specific the crimes include robbery, both commercial and street, burglary both commercial and residential and motor vehicle theft.

- Precinct personnel will engage in 95 hours of high visibility patrol/enforcement on a weekly basis in the target area
- Business checks and Security Surveys in the DDACTS area for citizen contact purposes and education of preventative crime strategies
- Field interviews of suspicious subjects to capture information
- Investigations of incidents by Precinct Detectives as needed
- Utilization of potential grant monies for the targeted DDACTS area
- Using PC 12 Geographical and Temporal Crime Analysis information, relay general information via Community meetings to interested citizens and to police personnel to highlight the most common crime occurrence times
- The Comcast cable access Baltimore County Police television program could also be used as allowed
- Non-uniformed non-descript vehicle patrol
- Mobilization of Community Action Team for localized enforcement/surveillance
- Utilization of the expertise of specialized units on a case-by-case basis as depending on the type of incident
- Community meetings in the target area for citizen contact purposes and to relay important information
- Media Relations to report significant information for dissemination and crime solving purposes

### **Objective 2: To reduce the incidents of crashes by a total of 3%**

In reference to traffic related crashes the most prevalent form were same direction rear end collisions accounting for approximately 35% of the total type of crashes.

- Precinct personnel will engage in 95 hours of high visibility patrol/enforcement on a weekly basis in the target area
- Utilization of both moving and stationary RADAR/LIDAR enforcement
- Utilization of potential grant monies for the targeted DDACTS area
- Traffic officers expertise in crash related areas as well as traffic enforcement
- Speed surveys
- Seatbelt surveys
- Traffic monitoring devices (digital speed signs, monitors) with assistance from Traffic Management
- Utilization of provided map for the target area to formulate causes for traffic crashes

- If use of traffic monitoring devices yields a primary cause for crashes in the target area, Traffic Engineering could be utilized to determine the best possible solution e.g. (additional placement of speed signs/traffic lights/speed cameras) etc.
- The Comcast cable access Baltimore County Police television program could also be used as allowed

**Objective 3: To reduce calls for service involving disturbances by a total of 3%**

Disturbance calls and check location calls were the most prevalent for our precinct accounting for approximately 14% of the total 911 driven calls for service. To reduce these occurrences the steps taken in addition to the uniformed police presence include but are not limited to:

- Field Interviews of suspicious subjects to capture information
- Using PC 12 geographical and temporal crime analysis information, relay general information via Community meetings to interested citizens and to police personnel to highlight the most common crime occurrence times
- Focus patrol activity in the target area when the disturbance calls were most prevalent (between 1700-0200hrs)
- The Comcast cable access Baltimore County Police television program could also be used as allowed



## **SUPPORT OPERATIONS DIVISION**

Commanders: Major Lawrence Suther  
Capt. Howard Hall  
Capt. Gordon Skinner

The Support Operations Division (SOD) does not have specific responsibility for any of the target areas. The role of SOD personnel will be to coordinate the overall project and support the action plans developed by patrol precincts.

- Operational Services Section personnel will contribute 105 hours per week of high visibility traffic enforcement efforts in the target areas.  
Responsibility: Crash Team, DUI Enforcement Team, Commercial Vehicle Safety Team, Staff
- Special Services Section personnel will support ongoing enforcement efforts in the DDACTS areas. The deployment of these units will be based upon requests from each precinct.  
Responsibility: Tactical, K-9, Aviation
- All applicable Highway Safety Grant funding will be dedicated to the target areas. This will be coordinated through traffic supervisors at each precinct.  
Responsibility: Traffic Management
- Enforcement activity data will be collected for each target area and maintained in a database being designed by OIT. Assistance with data entry will be provided as needed.  
Responsibility: Traffic Management
- All ongoing traffic safety campaigns (i.e. Smooth Operator, Click it or Ticket, etc.) will be directed to the target areas when possible.  
Responsibility: Traffic Management
- Assistance with public information and education programs will be provided to precincts to support action plans in the target areas (upon request).  
Responsibility: Community Traffic Safety Program Coordinator
- Coordination with partner agencies (MHSO, SHA, MSP, etc.) will be done to support action plans in the target areas.  
Responsibility: Traffic Management
- The coordination of the strategic objective related to DDACTS and the overall evaluation of the project will be completed on a continuing basis.  
Responsibility: Traffic Management
- Liaison with the National Highway Traffic Safety Administration and Department of Justice will be continual to support our obligations as a national demonstration site for this project.  
Responsibility: Traffic Management

- Seat belt surveys will be conducted in the various target areas (as needed) to support specific objectives and to provide data for targeted enforcement activities.  
Responsibility: Auxiliary Police Team, Traffic Management