

# CITY OF OAKLAND



POLICE ADMINISTRATION BUILDING • 455 - 7TH STREET • OAKLAND, CALIFORNIA 94607-3985

Police Department

Telephone Device for the Deaf (510) 777-3333

Patrol Desk (510) 238-3455

Fax (510) 238-2251

**January 6, 2009**

**State of California, Department of Transportation**

**Bahman Zarechian, P.E.**

**Caltrans District 4**

**Division of Operations**

**Mail station: 5**

**111 Grand Ave.**

**PO Box 23660**

**Oakland, CA 94623-0660**

**Re: 27<sup>th</sup> St. & Northgate Ave - Encroachment Permit - Justification**

Sirs;

The City of Oakland is requesting an encroachment permit to allow the installation of a red light camera system at the listed intersection to enforce red light violations as authorized. The enforcement of red light violations using camera systems is authorized by section 21455.5 of the California Vehicle Code. The intersection of 27<sup>th</sup> Street at Northgate Avenue, adjacent to the freeway 980 on ramp, warrants the installation of a photo enforcement system for several reasons outlined below.

According to the United States Department of Transportation (USDOT), each year red light violations cause as many as 200,000 crashes and 1000 fatalities. In the year 2007, the City of Oakland investigated 228 intersection collisions, resulting in injury, directly attributable to red light violations. Three collisions involving a red light violation resulted in a death. These violations directly affect the quality of life in our community and create a serious danger to the motoring public and law enforcement officers. Red light running is a serious issue impacting the safety of our citizens.

While the Oakland Police Department diligently endeavors to make the streets safe, a red light camera program would provide 24 hour, seven days a week enforcement where violations and crashes most frequently occur. Collisions involving red light running

are most likely to result in injuries and significant property damage. It is often more dangerous for a police officer to apprehend and cite a red light runner because the officer must also run the red light.

The Police Department believes the intersection warrants the installation of a red light camera enforcement system for the following reasons:

In 2007 there were 6 collisions in the intersection. Five resulted in injury to one of the involved parties. There were 6 collisions in or near the intersection that did not involve a red light violation. However, in 3 of the non red light incidents, one party fled the scene in violation of 20002VC, committing a red light violation as they fled.

In 2008 there were 7 collisions in the intersection. Five resulted in injury to one of the involved parties. There were 9 collisions in or near the intersection that did not involve a red light violation. However, in 3 of the non red light incidents, one party fled the scene in violation of 20002VC, committing a red light violation as they fled.

Redflex conducted video surveys of the intersection and recorded red light violations. The video surveys revealed a significant number of red light violations with the majority being committed by drivers traveling northbound on Northgate Ave. and westbound on 27<sup>th</sup> St. During an eight-hour video survey in a single day, there were 70 red light violations recorded in the southbound direction, and 20 red light violations recorded in the northbound direction.

The intersection was evaluated by traffic engineering who verified that the yellow phase was in compliance with Caltrans specifications.

Westlake Middle School and Foster Middle School are located within a half mile of this intersection. Many children cross 27<sup>th</sup> St. to get to school.


Based on this information, The Oakland Police Department Traffic Section decided to include this intersection in the City's red light photo enforcement program.

In summary, this intersection warrants the installation of a red light camera enforcement system for the following reasons:

- There have been a significant number of reported collisions at the intersection over the last 2 years.
- The video survey revealed that the intersection experiences a significant number of red light violations.
- 27<sup>th</sup> St. is a major arterial roadway to access downtown Oakland.
- This well traveled roadway also traverses a residential and light commercial area with Two Middle Schools within a half mile of the intersection.

- A review of collision records demonstrated a high number of injury accidents at this intersection.

Sincerely,

A handwritten signature in cursive script, appearing to read "Anthony Banks, Sr.", written over a horizontal line.

Lieutenant Anthony Banks, Sr.  
Oakland Police Department  
2651 73<sup>rd</sup> Ave  
Oakland, Ca. 94605  
510-777-8637

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## Color Legend - Highest Degree of Injury

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Medium Blue = Fatal  
Purple = Severe Injury  
Green = Other Visible Injury  
Teal = Complaint of Pain  
Dark Blue = Property Damage Only

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## Settings Used For Query

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<u>Parameter</u>	<u>Setting</u>
Street Name	27th Street
Cross Street	Northgate Avenue
Starting Date	10/1/2002
Ending Date	9/30/2007
Intersection	Intersection Related

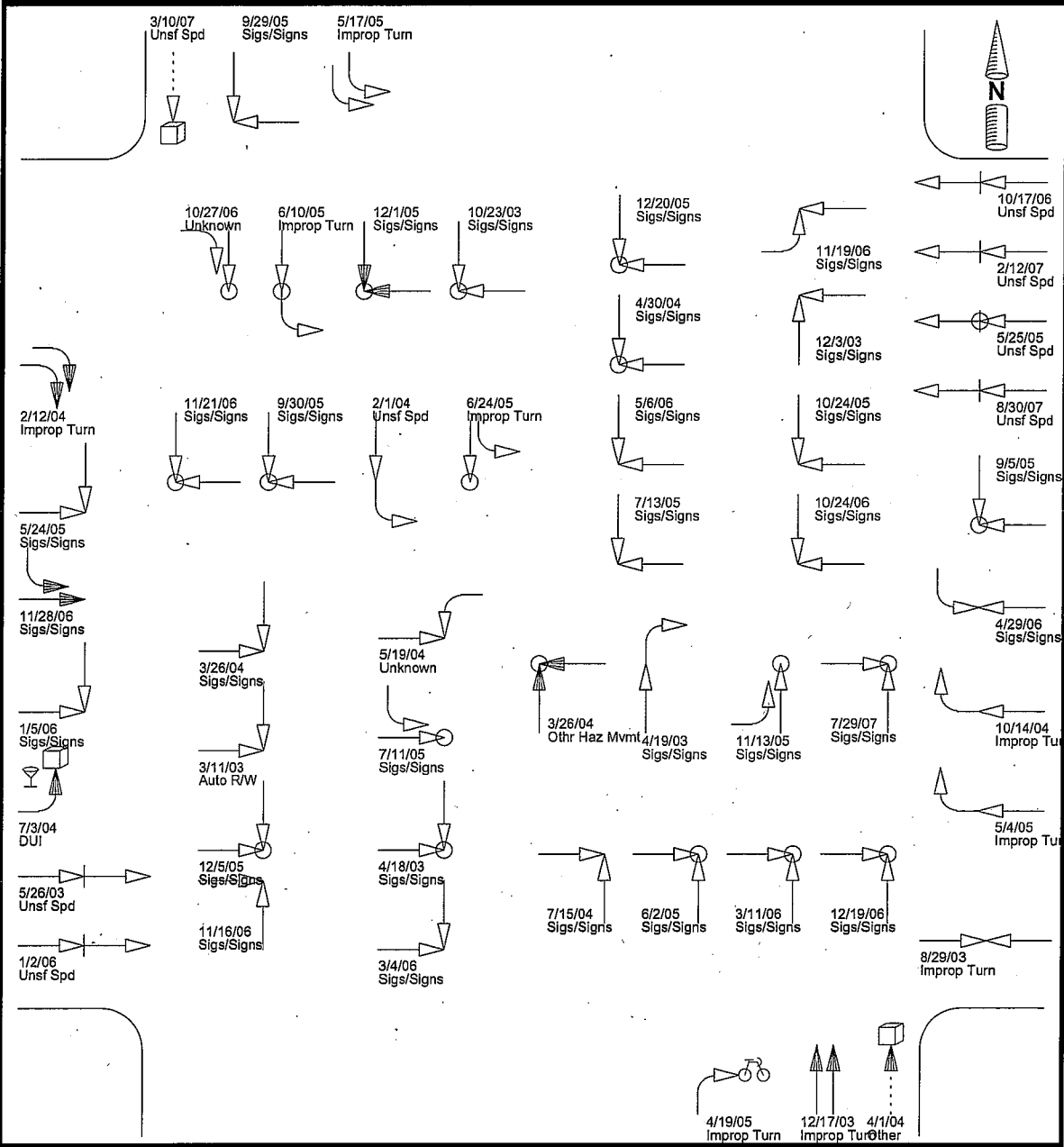
# Collision Diagram

**Vertical Street: 27TH STREET**

**From: 10/1/2002 To: 9/30/2007**

**Horizontal Street: NORTHGATE AVENUE**

**Date Prepared: 2/3/2009**



## Number of Collisions

**37** Property Damage Only  
**26** Injury Collisions  
**0** Fatal Collisions  
**63** Total Collisions  
**Collisions Not Plotted: 9**

## Legend

- ➡ Moving Vehicle
- ⏹ Stopped Vehicle
- ↔ Backing Vehicle
- ↘ Ran Off Road
- ⬅ Movement Unknown
- ↶ Right Turn
- ↷ Left Turn
- ↔ Sideswipe
- ☀ Day
- ☀ Night

- 🚶 Pedestrian
- 📦 Fixed Object
- 🚲 Bicycle
- 🍷 DUI
- ⊙ Injury
- ⊙ Fatal

# CITY OF OAKLAND



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Police Department

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Fax (510) 238-2251

**February 24, 2009**

**State of California, Department of Transportation**

**Bahman Zarechian, P.E.**

**Caltrans District 4**

**Division of Operations**

**Mail station: 5**

**111 Grand Ave.**

**PO Box 23660**

**Oakland, CA 94623-0660**

**Re: MacArthur Bl & Beaumont Ave - Encroachment Permit - Justification**

Sirs;

The City of Oakland is requesting an encroachment permit to allow the installation of a red light camera system at the listed intersection to enforce red light violations as authorized. The enforcement of red light violations using camera systems is authorized by section 21455.5 of the California Vehicle Code. The intersection of MacArthur Bl at Beaumont Avenue, adjacent to the freeway 580 on ramp, warrants the installation of a photo enforcement system for several reasons outlined below.

According to the United States Department of Transportation (USDOT), each year red light violations cause as many as 200,000 crashes and 1000 fatalities. In the year 2007, the City of Oakland investigated 228 intersection collisions, resulting in injury, directly attributable to red light violations. Three collisions involving a red light violation resulted in a death. These violations directly affect the quality of life in our community and create a serious danger to the motoring public and law enforcement officers. Red light running is a serious issue impacting the safety of our citizens.

While the Oakland Police Department diligently endeavors to make the streets safe, a red light camera program would provide 24 hour, seven days a week enforcement where violations and crashes most frequently occur. Collisions involving red light running

are most likely to result in injuries and significant property damage. It is often more dangerous for a police officer to apprehend and cite a red light runner because the officer must also run the red light. This program also allows officers to focus on more serious crimes, by performing red light enforcement duties that traditionally have fallen upon the officer.

The Police Department believes the intersection warrants the installation of a red light camera enforcement system for the following reasons:

In 2008 there were 15 collisions in the intersection. Two resulted in an injury to at least one of the involved parties.

From 10-1-2002 to 9-30-07, there were 69 property damage collisions and 13 injury collisions in this intersection.

Redflex conducted video surveys of the intersection and recorded red light violations. The video surveys revealed a significant number of red light violations with the majority being committed by drivers traveling northbound on Beaumont Ave and westbound on MacArthur Bl. During a twelve-hour video survey in a single day, there were 38 red light violations recorded in the northbound direction, and 5 red light violations recorded in the westbound direction.

The intersection was evaluated by traffic engineering who verified that the yellow phase was in compliance with Caltrans specifications.

Edna Brewer Middle School and the Alameda County Hospital (Highland) are located within a quarter mile of this intersection. Many children cross MacArthur Bl. to get to school.

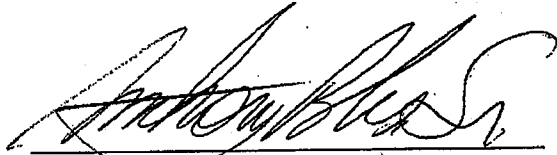
Based on this information, The Oakland Police Department Traffic Section decided to include this intersection in the City's red light photo enforcement program.

In summary, this intersection warrants the installation of a red light camera enforcement system for the following reasons:

- There have been a significant number of reported collisions at the intersection over the last 8 years.
- The video survey revealed that the intersection experiences a significant number of red light violations.
- 14<sup>th</sup> St. is a major arterial roadway to access central Oakland.
- This well traveled roadway also traverses a residential and light commercial area with one Middle School, and a major hospital within a quarter mile of the intersection.

- A review of collision records demonstrated a high number of accidents at this intersection.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony Banks Sr.", written over a horizontal line.

Lieutenant Anthony Banks, Sr.  
Oakland Police Department  
2651 73<sup>rd</sup> Ave  
Oakland, Ca. 94605  
510-777-8637



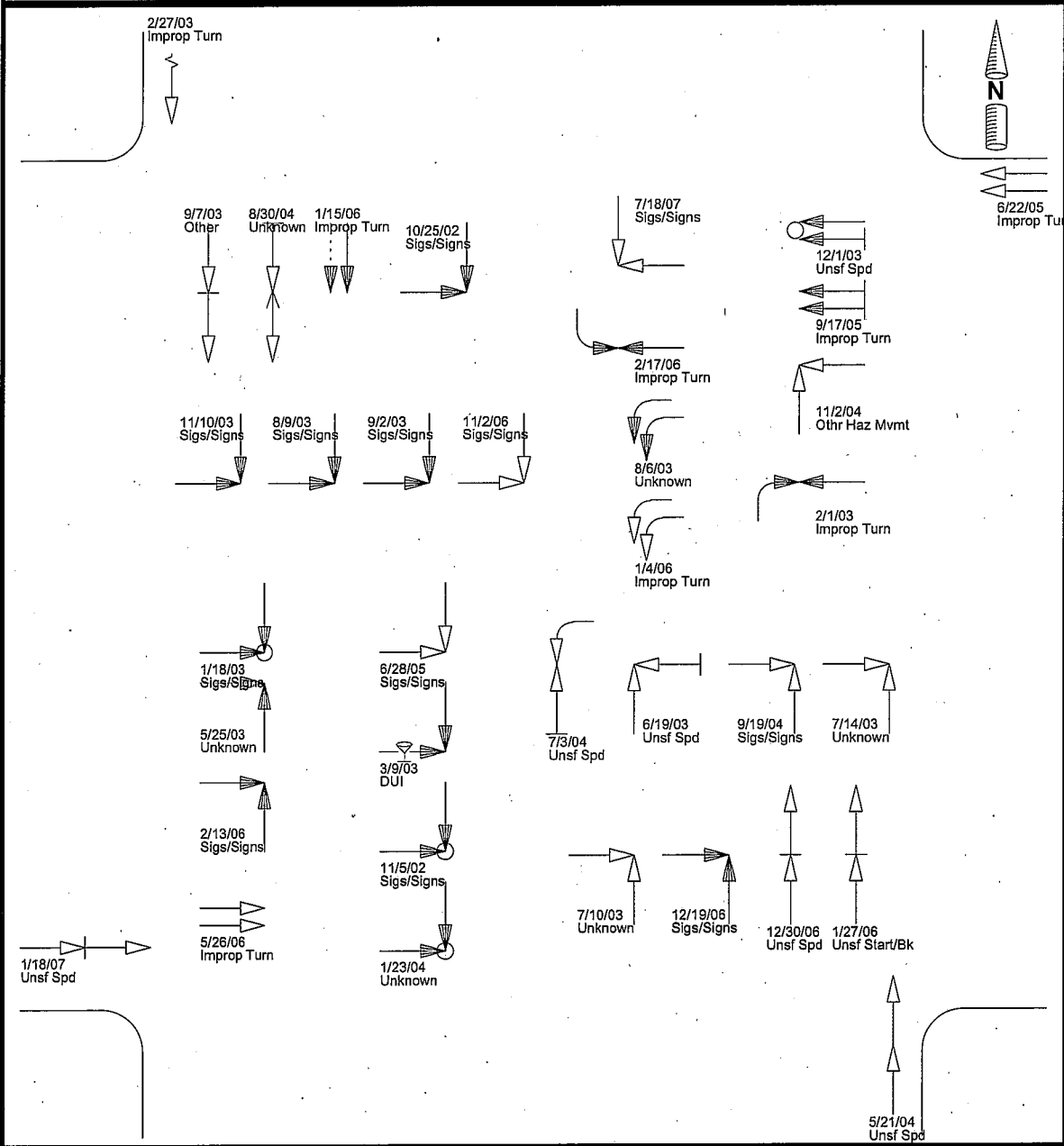
# Collision Diagram

**Horizontal Street: BEAUMONT AVENUE**

**From: 10/1/2002 To: 9/30/2007**

**Vertical Street: MACARTHUR BOULEVARD (W)**

**Date Prepared: 2/3/2009**



**Number of Collisions**

- 46** Property Damage Only
- 8** Injury Collisions
- 0** Fatal Collisions
- 54** Total Collisions

**Collisions Not Plotted: 18**

**Legend**

- |                  |            |              |
|------------------|------------|--------------|
| Moving Vehicle   | Right Turn | Pedestrian   |
| Stopped Vehicle  | Left Turn  | Fixed Object |
| Backing Vehicle  | Sideswipe  | Bicycle      |
| Ran Off Road     | Day        | DUI          |
| Movement Unknown | Night      | Injury       |
|                  |            | Fatal        |

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## Color Legend - Highest Degree of Injury

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Medium Blue = Fatal

Purple = Severe Injury

Green = Other Visible Injury

Teal = Complaint of Pain

Dark Blue = Property Damage Only

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## Settings Used For Query

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### Parameter

Street Name

Cross Street

Starting Date

Ending Date

Intersection

### Setting

Beaumont Avenue

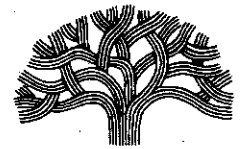
Macarthur Boulevard (W)

10/1/2002

9/30/2007

Intersection Related

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**March 9, 2009**

**State of California, Department of Transportation  
Bahman Zarechian, P.E.  
Caltrans District 4  
Division of Operations  
Mail station: 5  
111 Grand Ave.  
PO Box 23660  
Oakland, CA 94623-0660**

**Re: 35th St & Market St - Encroachment Permit - Justification**

Sirs;

The City of Oakland is requesting an encroachment permit to allow the installation of a red light camera system at the listed intersection to enforce red light violations as authorized. The enforcement of red light violations using camera systems is authorized by section 21455.5 of the California Vehicle Code. The intersection of 35th St at Market St, adjacent to the freeway 24 on ramp, warrants the installation of a photo enforcement system for several reasons outlined below.

According to the United States Department of Transportation (USDOT), each year red light violations cause as many as 200,000 crashes and 1000 fatalities. In the year 2007, the City of Oakland investigated 228 intersection collisions, resulting in injury, directly attributable to red light violations. Three collisions involving a red light violation resulted in a death. These violations directly affect the quality of life in our community and create a serious danger to the motoring public and law enforcement officers. Red light running is a serious issue impacting the safety of our citizens.

While the Oakland Police Department diligently endeavors to make the streets safe, a red light camera program would provide 24 hour, seven days a week enforcement where violations and crashes most frequently occur. Collisions involving red light running

are most likely to result in injuries and significant property damage. It is often more dangerous for a police officer to apprehend and cite a red light runner because the officer must also run the red light. This program also allows officers to focus on more serious crimes, by performing red light enforcement duties that traditionally have fallen upon the officer.

The Police Department believes the intersection warrants the installation of a red light camera enforcement system for the following reasons:

In 2008 there were 7 collisions in the intersection. Three resulted in an injury to at least one of the involved parties. Two were hit & run collisions.

From 10-1-2002 to 9-30-07, there were 25 property damage collisions and 10 injury collisions in this intersection.

Redflex conducted video surveys of the intersection and recorded red light violations. The video surveys revealed a significant number of red light violations with the majority being committed by drivers traveling eastbound on 35th St. During a twelve-hour video survey in a single day, there were 94 red light violations recorded in the eastbound direction.

The intersection was evaluated by traffic engineering who verified that the yellow phase was in compliance with Caltrans specifications.

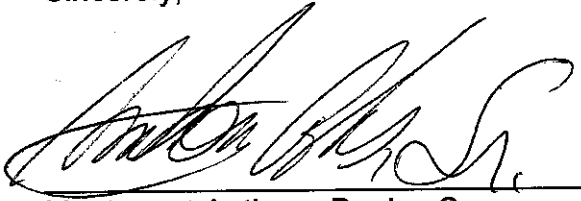
Hoover Elementary School and the Oakland School for the Arts (6-12) are located within a quarter mile of this intersection. Many children cross 35th St. to get to school. This intersection is also a major thoroughfare to west Oakland

Based on this information, The Oakland Police Department Traffic Section decided to include this intersection in the City's red light photo enforcement program.

In summary, this intersection warrants the installation of a red light camera enforcement system for the following reasons:

- There have been a significant number of reported collisions at the intersection over the last 8 years.
- The video survey revealed that the intersection experiences a significant number of red light violations.
- 35<sup>th</sup> St. is a major arterial roadway to access west Oakland and many commuters use this roadway as a bypass of Freeway 580 to access Highway 24
- This well traveled roadway also traverses a residential area with one Middle School, and one elementary school within a quarter mile of the intersection.
- A review of collision records demonstrated a high number of accidents at this intersection.

Sincerely,

A handwritten signature in black ink, appearing to read 'Anthony Banks Sr.', written over a horizontal line.

Lieutenant Anthony Banks, Sr.  
Oakland Police Department  
2651 73<sup>rd</sup> Ave  
Oakland, Ca. 94605  
510-777-8637

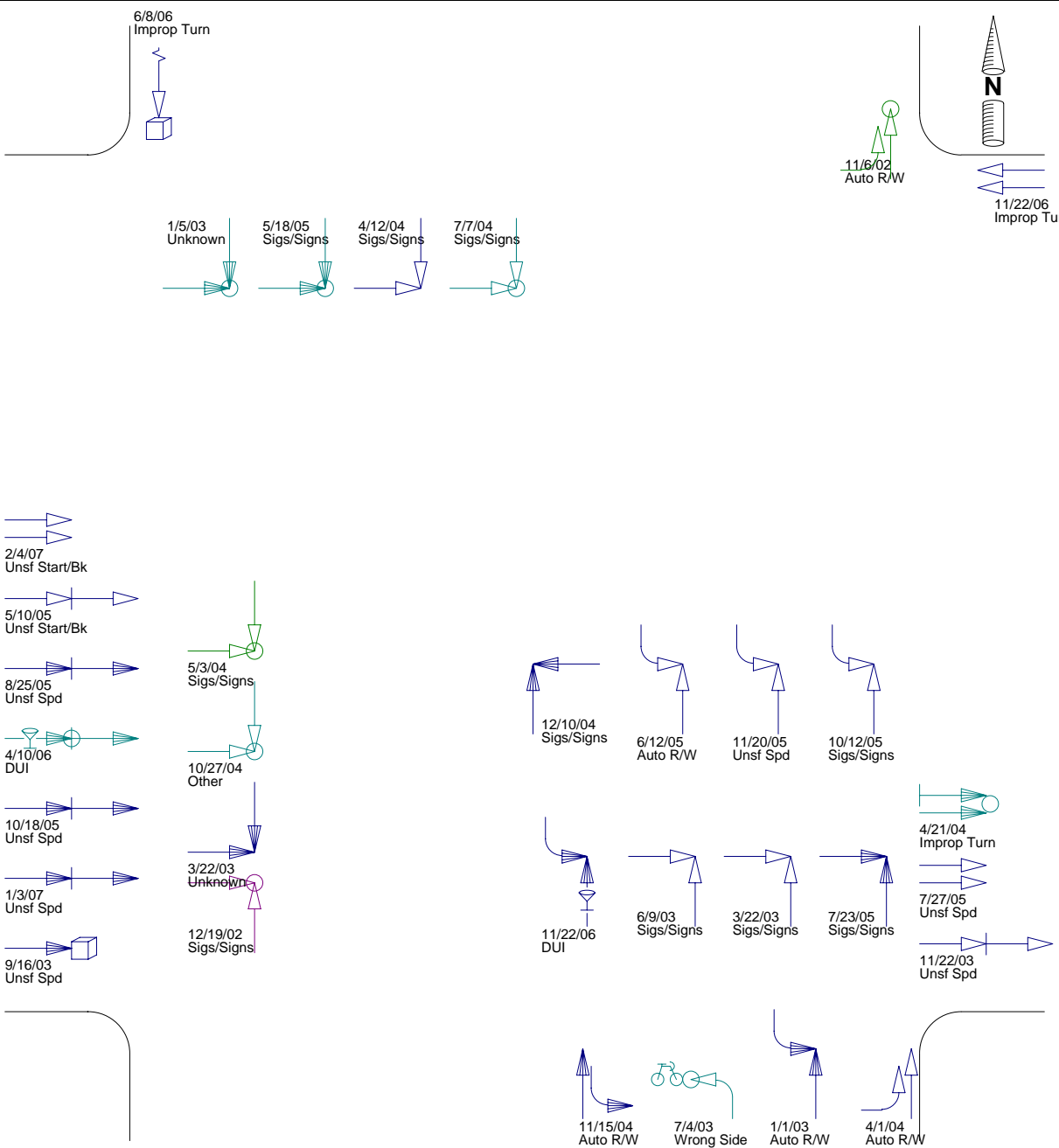
# Collision Diagram

**Vertical Street: 35TH STREET**

**From: 10/1/2002 To: 9/30/2007**

**Horizontal Street: MARKET STREET (W)**

**Date Prepared: 3/20/2009**



**Number of Collisions**

- 25 Property Damage Only**
- 10 Injury Collisions**
- 0 Fatal Collisions**
- 35 Total Collisions**

**Collisions Not Plotted: 2**

**Legend**

- Moving Vehicle
- Stopped Vehicle
- Backing Vehicle
- Ran Off Road
- Movement Unknown

- Right Turn
- Left Turn
- Sideswipe
- Day
- Night

- Pedestrian
- Fixed Object
- Bicycle
- DUI
- Injury
- Fatal

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## Color Legend - Highest Degree of Injury

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**Medium Blue = Fatal**

**Purple = Severe Injury**

**Green = Other Visible Injury**

**Teal = Complaint of Pain**

**Dark Blue = Property Damage Only**

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## Settings Used For Query

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### Parameter

### Setting

Street Name

35th Street

Cross Street

Market Street (W)

Starting Date

10/1/2002

Ending Date

9/30/2007

Intersection

Intersection Related