



*Division of Community Corrections*  
*Electronic Monitoring*

*by*

*Sgt. Chris Toombs*

*August 21, 2012*

# Mission Statement

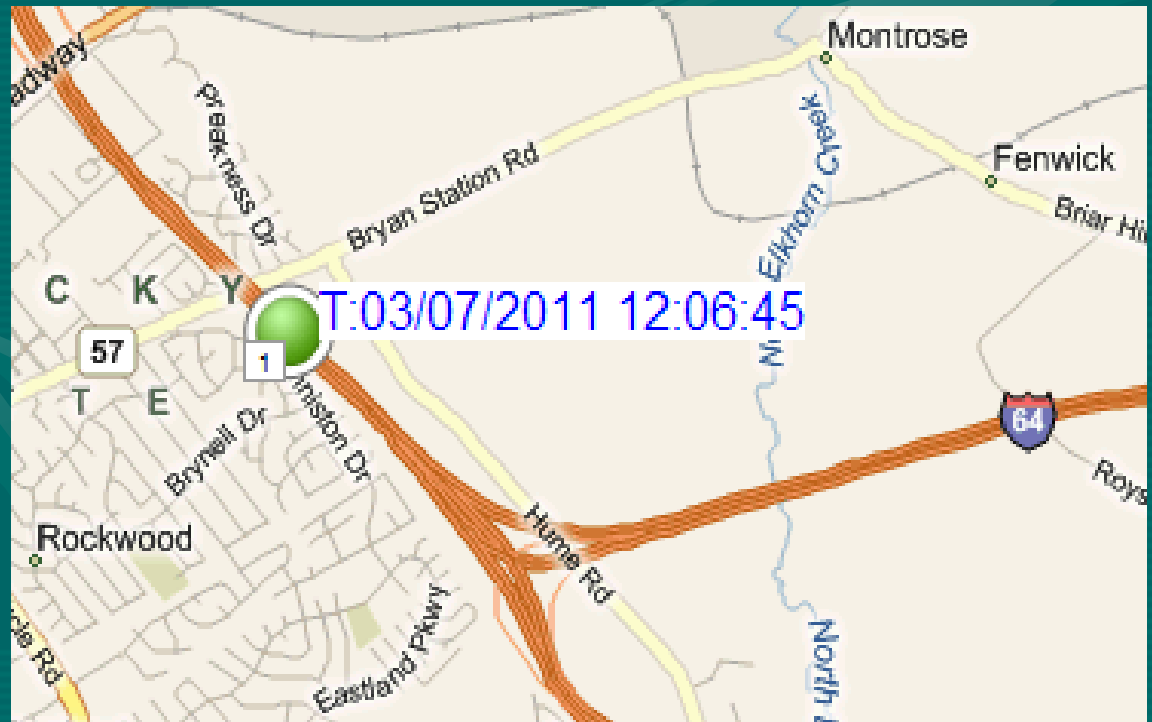
- The **mission** of the Electronic Monitoring Program is to provide a population management alternative to the institution and an alternative sanction to the courts by implementing a home incarceration program engaged in protecting public safety and supervising those eligible offenders who pose a minimal risk to the community.

# General E.M. Rules

- Required Phase Drug/Alcohol Testing
- Remain Inside Residence – Confined to the home except if approved for work or other activities
- Must adhere to an approved schedule
- Abide by all Local, State and Federal Laws – No new charges



# Global Positioning Satellite (GPS)



# GPS – Uses

- **High Risk** – Murder, Rape, Domestic Violence, Sexual Assaults

Can be used as part of bond conditions.

- **Flight Risk** – Participant is a flight risk.

Enforced on bond conditions to reduce flight risk

- **Restrict Movement or Monitor Movement**

Sex Offenders, Flagrant Non-Support, Gang Members

# GPS

- One-piece unit
- Durability
- Able to track and pin-point the participant's exact location at the officer's request
- Web-based monitoring
- Used for Higher Risk Offenders (ex. Domestic Violence, Sex Offenders, and Protection of Victims)
- Set Inclusion Zones – Area defined by the Officer that the individual is permitted with an allowable schedule
- Set Exclusion Zones – Area the individual is not permitted and is defined by the Officer (Schools, Daycares, Victim's Residence, Neighborhoods)
- Able to set schedules for the different zones
- Operates on dual Cellular and GPS Signals (Allows for tracking indoors and outdoors)

# GPS – Location History

Fayette

of location history for John

Aerial Bird's eye 60

New Circle 4

Cardinal Valley

Hill Men 28

Park Cemetery 29

Versailles Rd

Cardinal

Officer: Toombs, Christopher

**Robert**  
03/07/2011 08:41:55  
Type: MS Based Fix

Address: 1054 W High St  
Lexington, KY 40508-3114

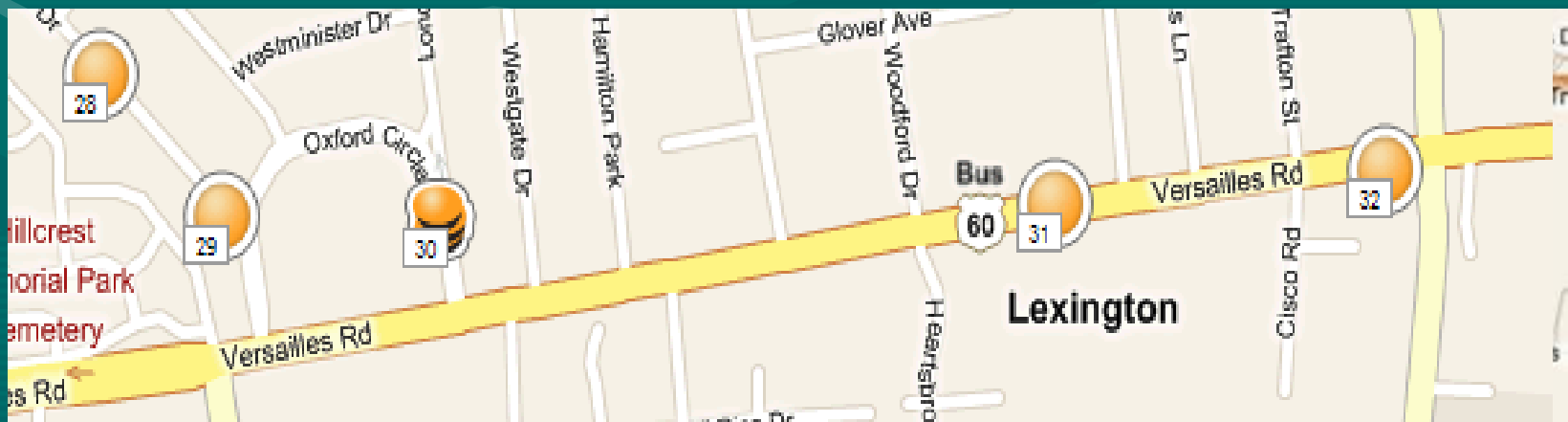
Latitude: 38.0500584056879  
Longitude: -84.5148086173093

Speed: 16 MPH

Alert: None

- Create a circular zone from this point
- Create a polygon zone from this point
- Export this point's data in KML format
- Create a custom location from this point

Device: 9136539726



# GPS – Location History

**omniink**  
FocalPoint

Christopher Toombs • G4S - Lexington Fayette

Location History

Map of location history for Robert from 03/06/2011, 00:00:00 to 03/07/2011, 23:59:59.

Last Known Location | Current Location | **Location History** | Track Location

Today  Yesterday  Last 7 Days  Custom

From: 03/06/2011 0

To: 03/07/2011 Midnight

Group Points  View in Map  
 Show All Points  Export as KML

Show History for: Johnson, Robert

Show Location History

**Robert**

Officer: [Christopher Toombs](#)  
Device #: [9136539726](#)  
Serial #: [5658663](#)  
Accuracy Settings: Yes  
Offender Zones:

Add or Remove Entities

The map shows a path of location history for Robert in Lexington, KY. The path starts near the University of Kentucky and moves through various streets, including New Circle Rd, Pine Meadows, and Red Mile. The path ends near the University of Kentucky. The map includes a sidebar with user details for Robert, Officer Christopher Toombs, Device #: 9136539726, Serial #: 5658663, Accuracy Settings: Yes, and Offender Zones.



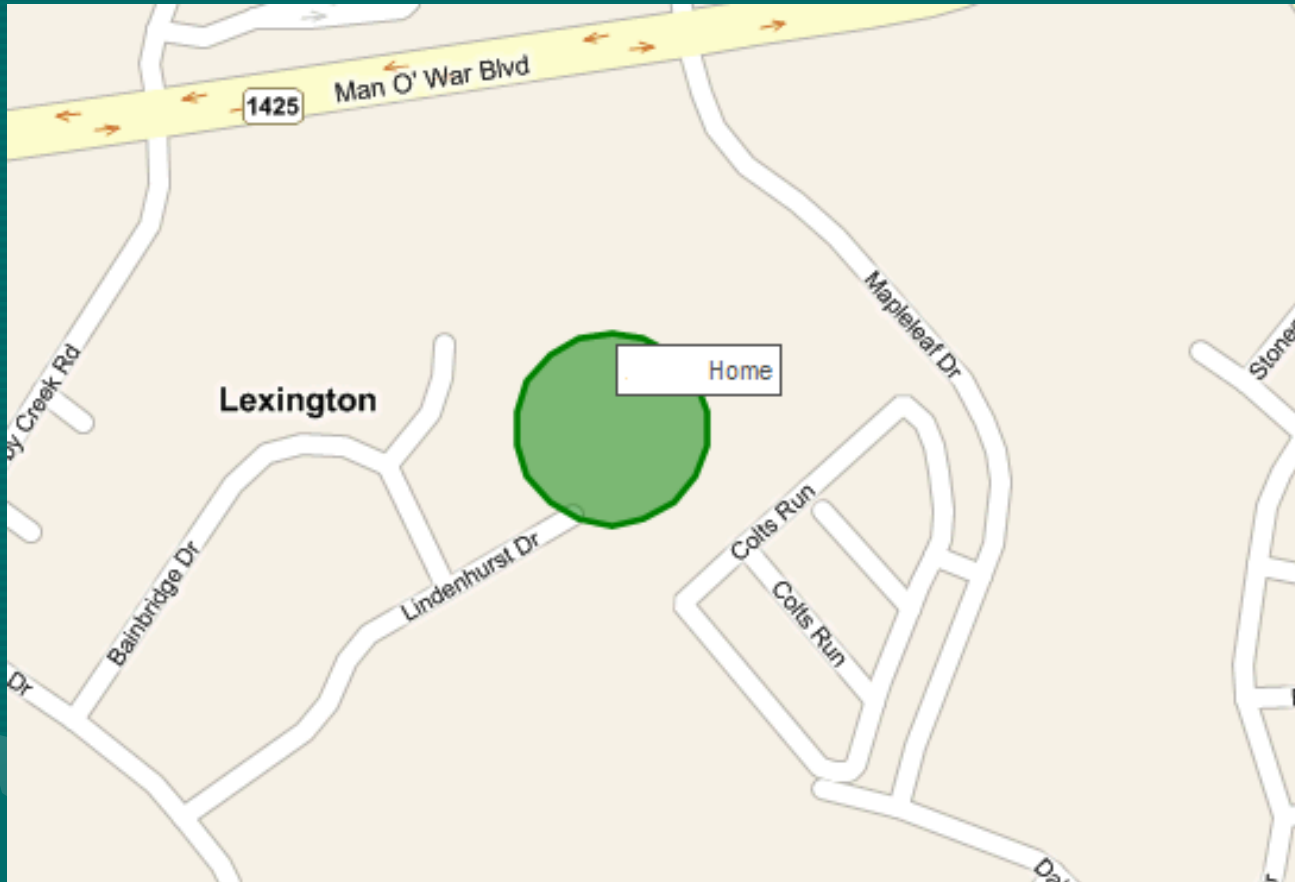
# GPS – Bird's Eye View



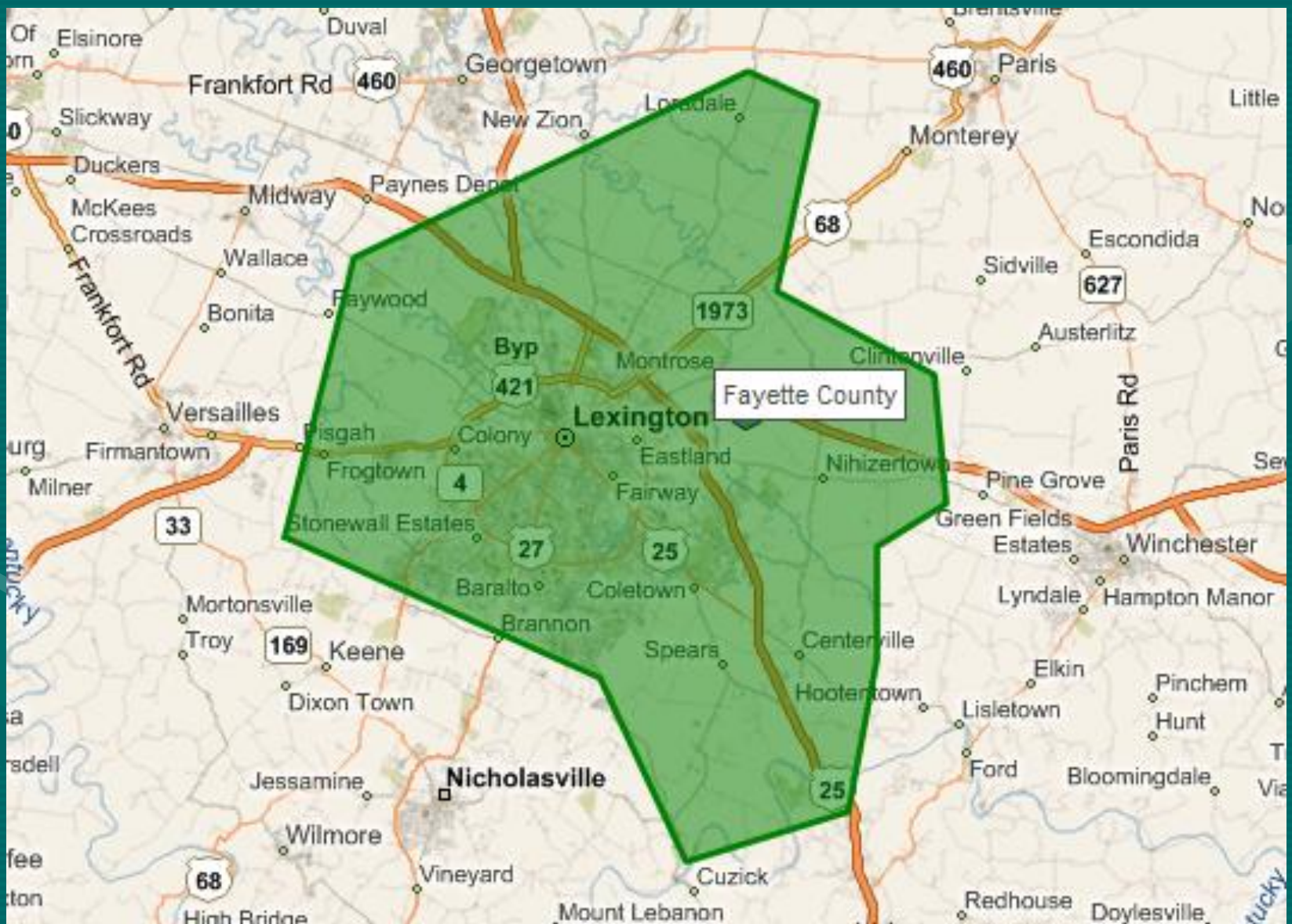
# GPS – Speeding Report

Time	Speed (MPH)	Address	Device ID
03/07/2011 12:41:45	38	634 Old Shakertown Rd, Danville, KY, USA, 40422-1117	2144480013
03/07/2011 12:39:31	47	417 E Lexington Ave, Danville, KY, USA, 40422-1523	2144480013
03/07/2011 12:38:13	48	1635 Lexington Rd, Danville, KY, USA, 40422	2144480013
03/07/2011 12:37:06	52	2544 Lexington Rd, Danville, KY, USA, 40422	2144480013
03/07/2011 12:36:00	49	3559 Lexington Rd, Danville, KY, USA, 40422	2144480013
03/07/2011 12:34:53	48	5061 Lexington Rd, Danville, KY, USA, 40422-8824	2144480013
03/07/2011 12:33:47	46	5353 KY Highway 34, Danville, KY, USA, 40422	2144480013
03/07/2011 12:32:40	43	762 KY Highway 34, Lancaster, KY, USA, 40444	2144480013
03/07/2011 12:31:34	44	7343 Lexington Rd, Lancaster, KY, USA, 40444-9115	2144480013
03/07/2011 12:30:27	54	8096 Lexington Rd, Lancaster, KY, USA, 40444	2144480013
03/07/2011 12:29:20	52	KY, USA, 40444	2144480013
03/07/2011 12:28:14	39	10632 Lexington Rd, Lancaster, KY, USA, 40444	2144480013
03/07/2011 12:22:36	47	Lexington Rd & Camp Nelson Rd, Lancaster, KY, USA, 40444	2144480013
03/07/2011 12:21:30	62	Lloyd Murphy Memorial Bridge, Lancaster, KY, USA, 40444	2144480013
03/07/2011 12:20:23	58	Danville Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:19:17	58	Danville Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:18:10	57	Danville Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:17:03	52	Danville Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:15:57	45	Danville Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:14:50	34	2143 Danville Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:13:44	33	Nicholasville Byp, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:12:37	53	Nicholasville Byp, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:11:30	49	Nicholasville Byp, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:10:24	43	Nicholasville Byp, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:09:07	44	1029 Lexington Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:07:42	49	2273 Lexington Rd, Nicholasville, KY, USA, 40356	2144480013
03/07/2011 12:05:29	41	3627 Lexington Rd, Nicholasville, KY, USA, 40356-9799	2144480013
03/07/2011 12:04:22	37	4505 Lexington Rd, Nicholasville, KY, USA, 40356	2144480013

# GPS – Inclusion



# GPS – Inclusion



# GPS – Exclusion



# GPS – Passive vs. Active

## Passive – 1M/1H/30M

- 1 minute GPS fix
- 1 hour report time
- 30 minute impaired fix (if a GPS signal can't be acquired, the unit uses cellular towers to triangulate it's position every 30 minutes)

## Active – 1M/3M/15M

- 1 minute GPS fix
- 3 minute report time
- 15 minute impaired fix (if a GPS signal can't be acquired, the unit used cellular towers to triangulate it's position every 15 minutes)

# Information Quickly Available

- **All Personal Information** (Age, Sex, Race, Date of Birth, Social Security Number, Marital Status)
- **Vehicle Information**
- **Personal Contacts** (Wife, Sister, Mother, Friend)
- **Case Information** (Judge, Case Number, Charges)

# Notifications

All of the available alerts (ex. Exclusion Zone Alert, Inclusion Zone Alert, Device Tamper Alert etc.) can be sent via many different means:

- Fax
- Pager
- E-Mail
- Voice Call
- Text Message

\*Can access activity and alerts using an iPhone or any internet connection.



# Landline & Cellular RF (Radio Frequency)



- Low Risk Offenders
- No Approved Activities
- Waterproof
- Range up to 150 ft.
- Movement and Tamper Sensors
- Tamper-Proof Fiber Optic Band

# Electronic Monitoring Process

## Three types of referrals:

- Correctional Referral
- Judicial Referral
- Judicial Sentence

**Correctional Referral** – Recommendation completed by the jail, and must have approval by their judge.

**Judicial Referral** – As a condition of a participant's bond, the presiding Judge will order that the participant wear a GPS Unit and adhere to the E.M.P rules.

**Judicial Sentence** – Judge says that the current offender will serve their time on E.M.

# Electronic Monitoring Fees

## Passive GPS

- In County - \$15.00 Initial Hook-Up Fee, then \$8.00/day
- Out of County - \$15.00 Initial Hook-Up Fee, then \$10.00/day

## Active GPS

- In County - \$15.00 Initial Hook-Up Fee, then \$9.00/day
- Out of County - \$15.00 Initial Hook-Up Fee then, \$11.00/day

## Landline RF

- In County - \$15.00 Initial Hook-Up Fee, then \$6.00/day
- Out of County - \$15.00 Initial Hook-Up Fee, then \$8.00/day

## Cellular RF

- In County - \$15.00 Initial Hook-Up Fee, then \$9.00/day
- Out of County - \$15.00 Initial Hook-Up Fee, then \$11.00/day

# Community Alternative Programs (C.A.P.)

350 East Main Street  
Lexington, KY 40507

**Main Office: (859) 425-2691**

**Fax: (859) 425-2696**

**Adult Probation: (859) 425-2680**

