

Intelligent Speed Assistance - A Policing Perspective

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Presentation

Safety Camera Project

- How it operates
- Speed compliance
- Road safety outcome



Intelligent Speed Assistance

- Future of speed enforcement
- Enforcement of other offences
- Collision Investigation
- Road safety etc.

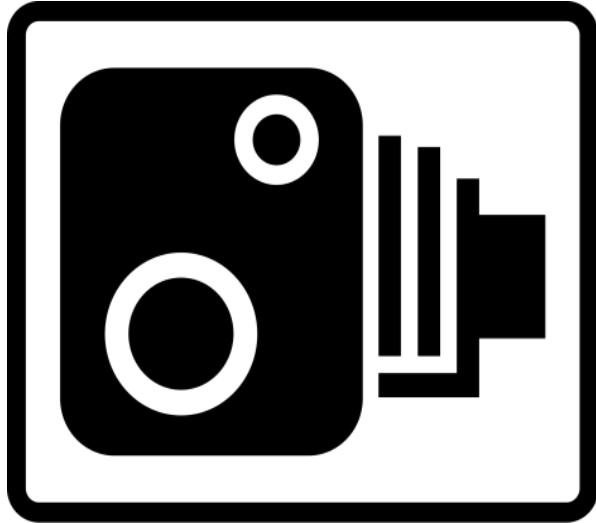


Safety Camera Project – How it operates

- Analysis of collision data
- Identification of collision clusters
- One suitable enforcement location within the zone
- AGS has responsibility for all scheduling
- Prioritisation on enforcement based on –
 - Collisions
 - Compliance



- Public informed of zones www.garda.ie
- [Direct link to KMZ file for maps](#)
- Safety camera signage
- Overt (marked) vehicles



- Operates in safety camera zones
- Payment based on hours (not detections)
- AGS issues notices and take prosecutions
- Notified to the public - www.garda.ie/GoSafe.htm

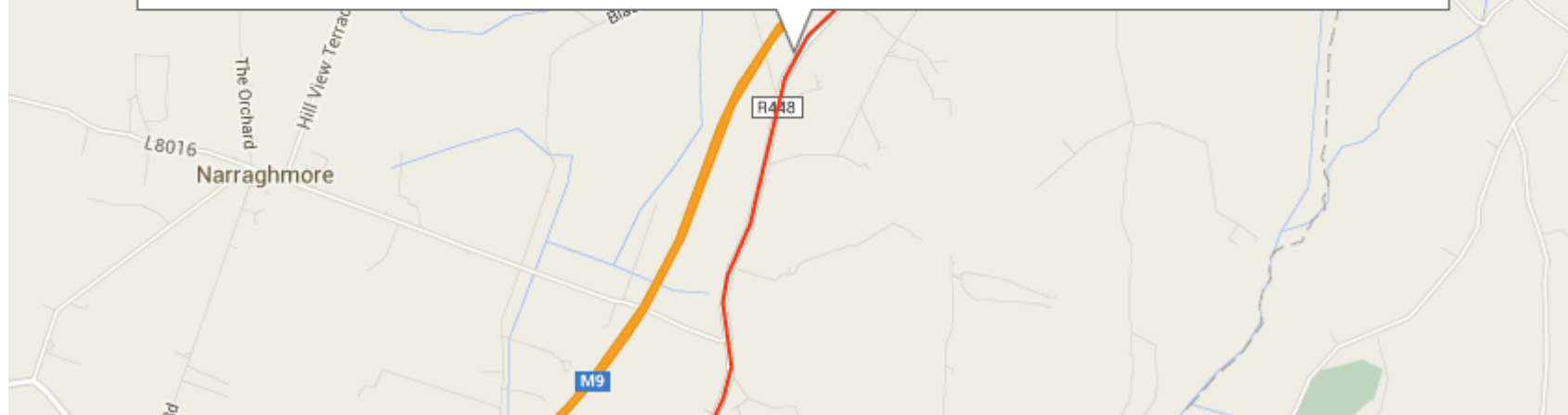


285

X

285

Length (metres)	7399
Start Latitude	53.059559
Start Longitude	-6.772743
End Latitude	52.998263
End Longitude	-6.80825
RoadType	Regional
Road	R448
Fatal collisions	1
Serious injury collisions	4
Minor injury collisions	20
Total collisions	25



Service Provider

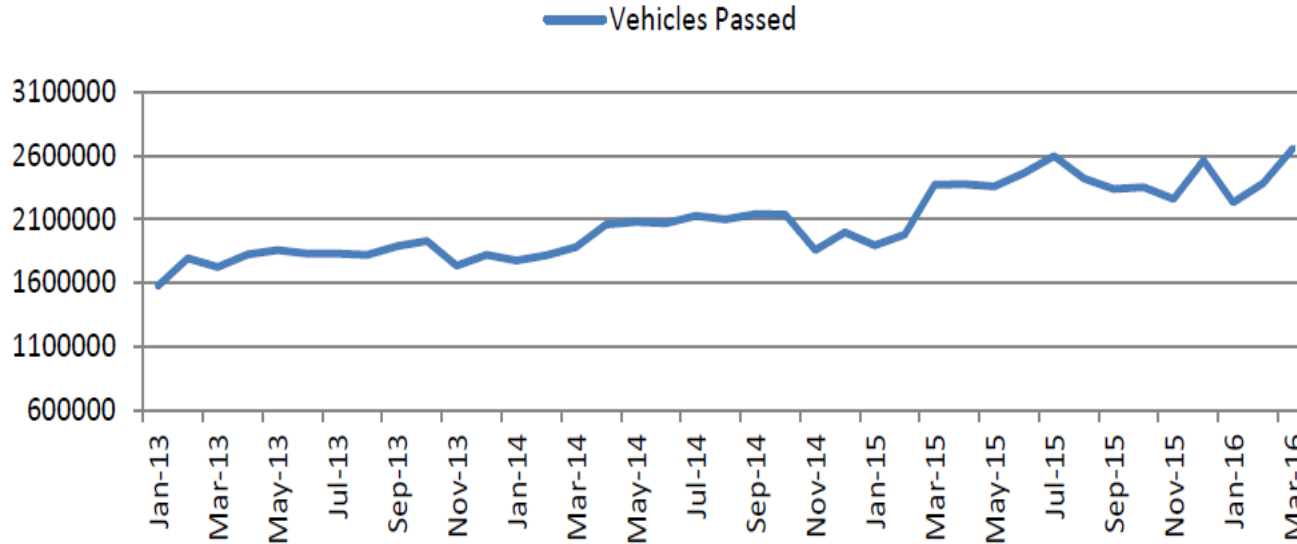
Responsible for –

- Cameras, vans and operators
- Implementation of approved schedules
- Image validation / vehicle registration ID process
- Provision of data to AGS



Speed Compliance

Vehicles Passed



March 2016

Vehicles Checked
2,660,219

Detections
10,402



Road Safety Outcome

Year	Fatal collisions	In Zone	In Zone (%)
2005	360	118	33%
2006	321	98	31%
2007	309	95	31%
2008	254	70	28%
2009	220	58	26%
2010	185	33	18%
2011	172	31	18%
2012	152	26	17%
2013	181	31	17%
2014	181	28	16%
2015	159	21	14%



ISA - Future of speed enforcement

Advisory, supportive and intervening ISA

- Future = Camera?
- GPS Tracking = GPS Enforcement?
- Satellite Navigation = Satellite Enforcement?
- Variable speed limits



ISA - Enforcement of other offences

- GPS Tracking / Satellite Navigation – Motor Tax, Insurance, NCT
- Semi-Autonomous / Autonomous vehicle
 - Driver qualifications
 - Using mobile phone or laptop



ISA – Collision Investigation

- Driver ultimately responsible
- Driver investigated
- ISA provider investigated (intervening ISA)?
- Legal access to ISA “Black Box”
- One ISA “Black Box” or many?





ISA – Road Safety etc

- Incontrovertible evidence ISA saves lives
- Benefits outweigh the risks
- Risk driver moving between autonomous and non-autonomous cars
- Less actual driving experience
- Pedestrian behaviour – Poor habits and deliberate actions



ISA – Road Safety etc

- Detecting tampering with ISA system – automated, roadside, NCT...
- Seatbelt / airbags – seat reclined
- Emergency vehicles
- Crime prevention and detection
- Terrorism



Thank You

