

# Protecting Public Buildings, Plazas and Pedestrians against Vehicle Raming Attacks

Randy Atlas Ph.D., FAIA, CPP Atlas Safety & Security Design Inc.

#### The Challenge

- Provide a consistent, reliable, and graceful boundary of public spaces, and flexible to the evolving security needs.
- Set the standards for public spaces in the 21<sup>st</sup>.-century to restores our public confidence that we can safely and securely enjoy the public domain and reduce the opportunities for crime and acts of terror.



### Las Ramblas the day before the attack



## NY City – Time Square attack



#### The first step is always:

- The security risk assessment to determine what activities am I trying to stop or prevent?
- Develop security functional requirements
- Develop a basis of design

 Then, and only then, can you determine if you need bollards, barricades, or barriers! **Contact Information** Randy Atlas Ph.D., FAIA, CPP **Atlas Safety & Security Design Inc.** www.cpted-security.com Fort Lauderdale, FL ratlas@ix.netcom.com 305-332-6588