

2016 NFPA Conference & Expo

Community Risk Reduction

Presented by:

Thomas J DiBernardo

Fire Chief

Stephen Grasso

Fire Planner

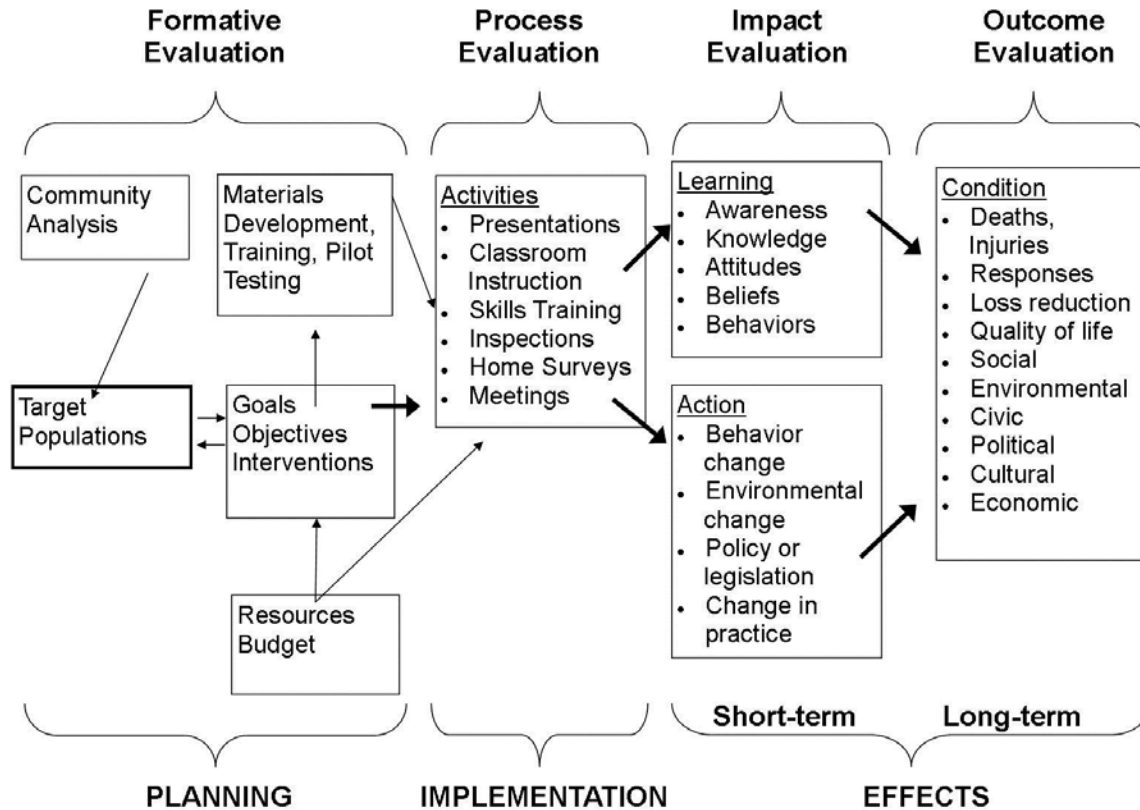
Sunrise Fire-Rescue Community Risk Reduction

Purpose:

To reduce risk and find solutions through education, engineering, or enforcement



PROGRAM PLANNING AND EVALUATION FRAMEWORK



Source: US Fire Administration/National Fire Academy – CRR 2012

Community Risk Reduction



- Medical, Fire, Internal
- Engineering, Enforcement, Education
- SMART Goals
 - Specific, Measurable, Achievable, Realistic, Timely



MEDICAL

11 Personnel (2 Staff, 9 Firefighters)

- Repeat Calls (22%)
 - Community Paramedic Program
- Falls (14%)
 - Education, Engineering
- Motor Vehicle/Pedestrian (7%)
 - Engineering, Education



FIRE RELATED INCIDENTS

6 Personnel (3 Staff, 3 Firefighters)

- Cooking (31%)
 - Education
- False Alarms (22%)
 - Engineering and Enforcement
- Laundry Related (5%)
 - Enforcement and Education



INTERNAL INJURIES

9 Personnel (3 Staff, 4 Firefighters, RM, State Fire Marshall)

- Sprains/Strains/Overreaching
 - Engineering and Enforcement
- Exposures
 - Education, engineering
- Emergency Vehicle Operations
 - Engineering, Enforcement, Education

Community Risk Reduction - Medical



- Reduction of Repeat Callers to EMS Call
 - Established Community Paramedic
 - » 211, Home visits, RX, community social services, transportation.
- Falls Prevention
 - CDC “Balance Matters”, Door hangers
- MVA – Pedestrians

Community Risk Reduction - Medical



DO YOU HAVE **concerns** about falling?



A MATTER OF BALANCE
MANAGING CONCERNS ABOUT FALLS



Many older adults experience concerns about falling and restrict their activities. A MATTER OF BALANCE is an award-winning program designed to manage falls and increase activity levels.

This program emphasizes practical strategies to manage falls.

YOU WILL LEARN TO:

- view falls as controllable
- set goals for increasing activity
- make changes to reduce fall risks at home
- exercise to increase strength and balance

WHO SHOULD ATTEND?

- anyone concerned about falls
- anyone interested in improving balance, flexibility and strength
- anyone who has fallen in the past
- anyone who has restricted activities because of falling concerns



Classes are held once a week for 8 weeks at the Sunrise Public Safety Building 2 hrs. each week.

First class: Thursday Oct 23 9am-11am

For more information
City of Sunrise - Fire Rescue
Contact Daniel McNeil

A Matter of Balance: Managing Concerns about Falls
This program is based on Fear of Falling: A Matter of Balance. Copyright ©1995 Trustees of Boston University. All rights reserved. Used and adapted by permission of Boston University.

A Matter of Balance Lay Leader Model
Recognized for Innovation and Quality in Healthcare and Aging, 2005, American Society on Aging.
A Matter of Balance Lay Leader Model was developed by a grant from the Administration on Aging (#90AM2780).



PREVENT FALLS



TAKE THESE STEPS TO REDUCE YOUR RISK OF FALLING:



Review all of your medications regularly with your doctor to check for potential side effects & interactions.



Have your vision checked annually & update your eyeglasses prescription.



Make your home safer by removing clutter & tripping hazards, increase lighting, and install grab bars.



Wear proper shoes with good support & non-slip soles. Avoid wearing slippers and flip-flops.



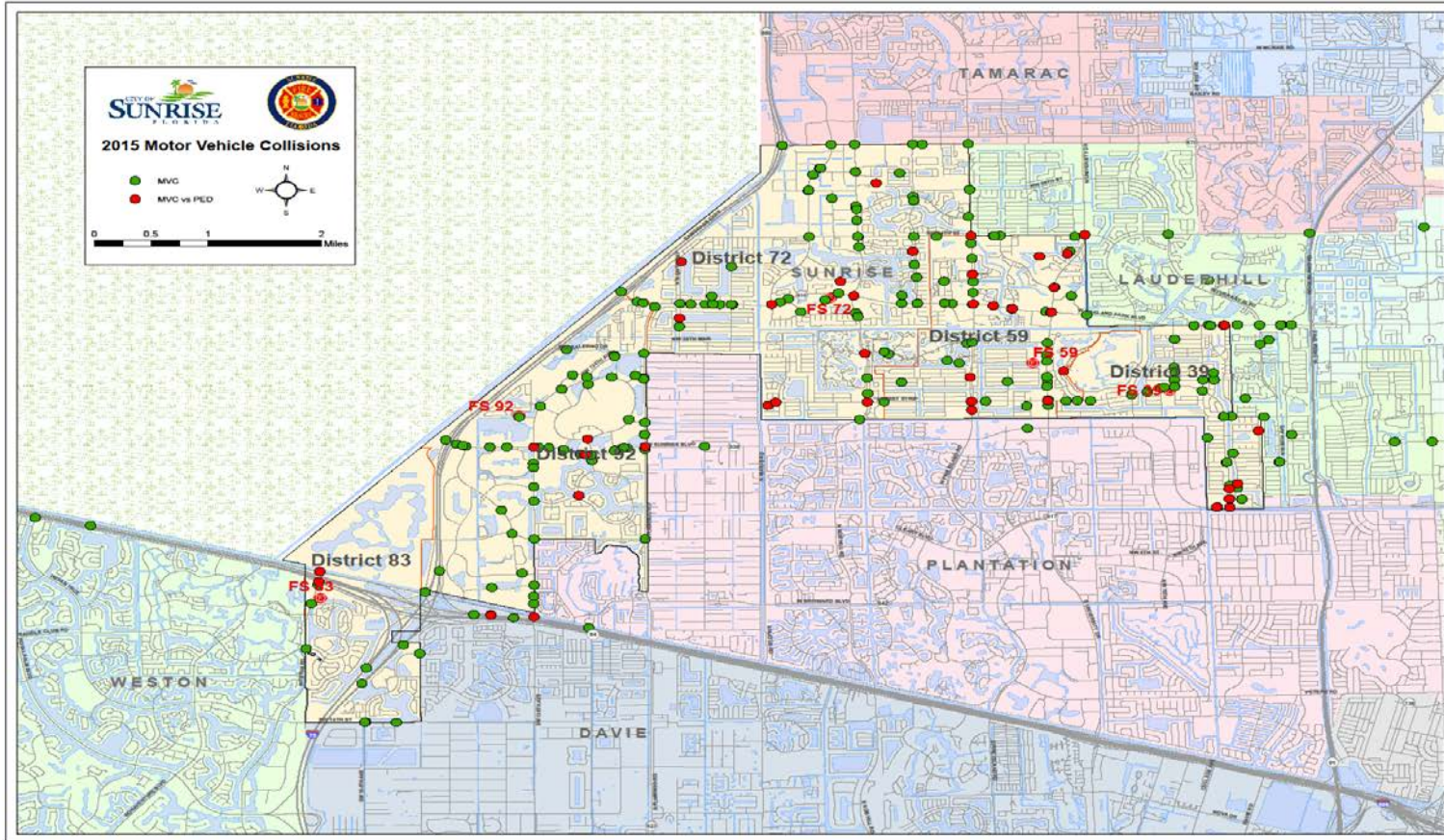
Stay active to maintain and improve strength and balance. Try Tai Chi or A Matter of Balance class, available at the Sunrise Senior Center.

Contact the Sunrise Senior Center at 954-746-3670.

**Brought to you by the
Sunrise Fire-Rescue
Department**



Community Risk Reduction - Medical





Community Risk Reduction - Medical

Marked and Signalized Crossings

Recommendations



Marked Crosswalks

- A marked crosswalk signals to motorists that they must stop for pedestrians and encourages pedestrians to cross at designated locations. Installing crosswalks alone will not necessarily make crossings safer especially on multi-lane roadways.
- At mid-block locations, crosswalks can be marked where there is a demand for crossing and there are no nearby marked crosswalks. See midblock crossings for more details.



Pedestrian Hybrid Beacon

- A hybrid beacon, previously known as a High-intensity Activated Crosswalk (HAWK), consists of a signal-head with two red lenses over a single yellow lens on the major street, and pedestrian and/or bicycle signal heads for the minor street. There are no signal indications for motor vehicles on the minor street approaches.
- Hybrid beacons are used to improve non-motorized crossings of major streets in locations where side-street volumes do not support installation of a conventional traffic signal (or where there are concerns that a conventional signal will encourage additional motor vehicle traffic on the minor street). Hybrid beacons may also be used at mid-block crossing locations.



Crosswalk with Warning Signage

- To enhance visibility of pedestrians and to encourage vehicles and other roadway users to yield or stop for pedestrians in a cross walk, warning signs and yield lines can be added in advance of cross walk. The type and local of sign should be selected based on the context and standards for the street being considered.



Full Traffic Signal

- At intersections with full traffic signals, pedestrian crossings should have pedestrian signal heads and the pedestrian signal should be synchronized to coordinate crossing with vehicle timing and provide adequate time for pedestrians cross safely.



Active Warning Beacon (RRFB)

- Active warning beacons are user actuated illuminated devices designed to increase motor vehicle yielding compliance at crossings of multi-lane or high volume roadways.
- Types of active warning beacons include conventional circular yellow flashing beacons, in-roadway warning lights, or Rectangular Rapid Flash Beacons (RRFB).



Grade Separation

- In unique situations, grade separation may be required for pedestrians to safely cross to destinations. Bridges help by linking areas separated by barriers such as waterways or interstates.



Community Risk Reduction - Medical



Recommendations

proposed improvements



Proposed Improvements

On-Street Bikeway Improvements

1. Bike lanes along Oakland Park Blvd. and Nob Hill Rd. provide dedicated space for bicyclists along the roadways.
2. Green striping is used to increase cyclist visibility at the intersection and conflict points, such as vehicles crossing the bike lane to enter in to a dedicated right turn lane.
3. Two-stage turn queue boxes are installed to help cyclists make left turns at the intersection.
4. Bike lane intersection markings increase the visibility of bicyclists through the intersection.

Walkway Improvements

5. High visibility cross walks increase the visibility of crosswalks at the intersection.
6. The turning radius is reduced, which decreases the distance pedestrians have to cross the intersection and reduces the speed of vehicles making right turns.
7. Median refuge islands provide a space to wait if one cannot make it across the intersection in one signal phase.

Trail Improvements

8. Multi-use path along the south side of Oakland Park Blvd. will connect west to proposed trails along the L-36 and L-35A canals and to trails in Lauderdale Lakes along the C-13 canal.

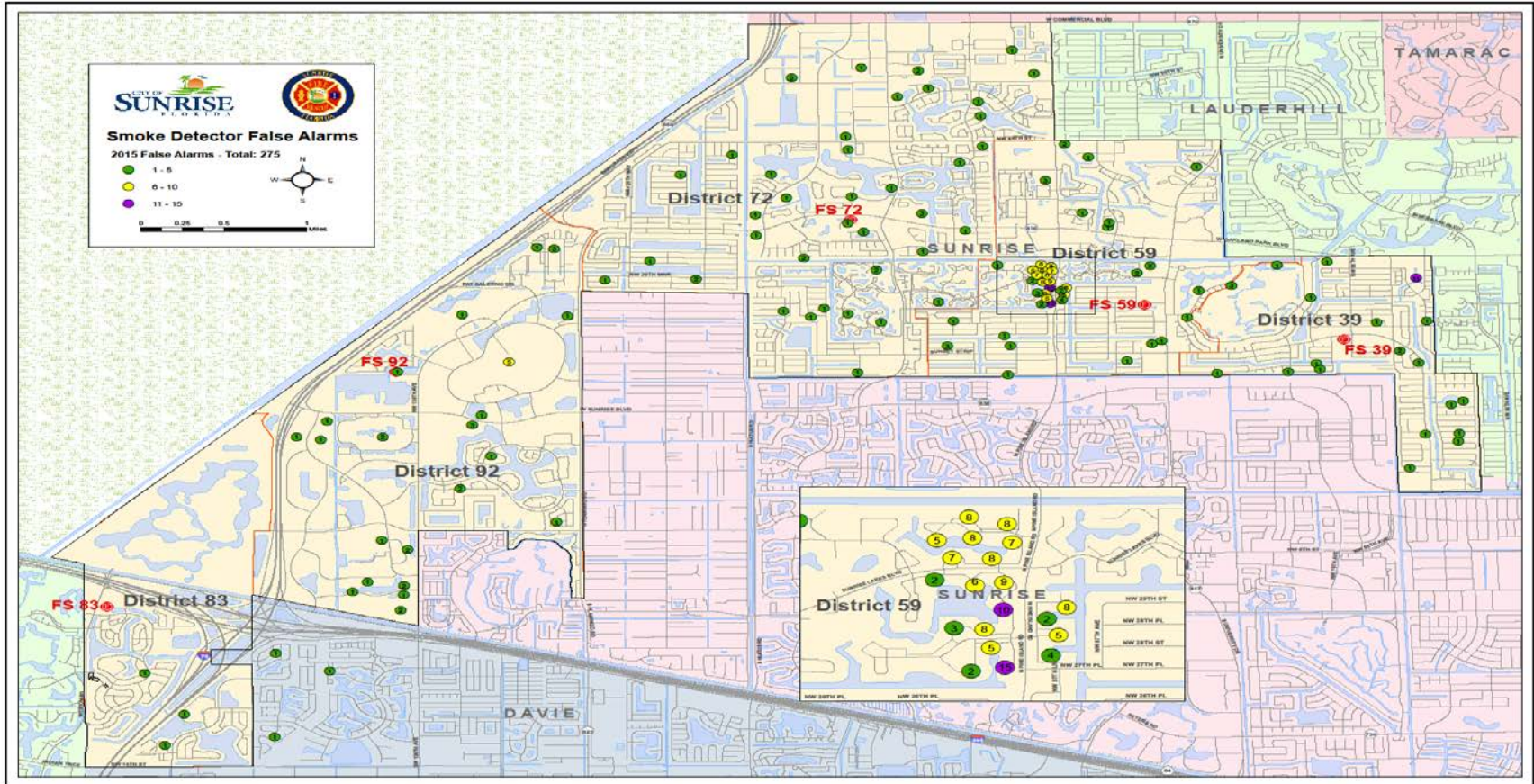
Transit Improvements

- Bus stops should be moved closer to the intersection to encourage bus riders to use the intersection rather than crossing mid-block.
- Green pavement markings are used at the bus turn outs to highlight the conflict zone where buses cross the bike lane to enter the bus turnout.

Implementation Strategy

- **Short-Term** – Cross walks can be re-striped to include high visibility cross walk markings; Create median refuge island;
- **Medium-Term** - Bike lane improvements should be coordinated with installation of bike lanes along Oakland Park Blvd. and University Dr.
- **Long-Term** –Construct multi-use trail along Oakland Park Blvd. Construct bike lanes along Nob Hill Rd.

Community Risk Reduction - Fire



Community Risk Reduction - Fire



WATCH WHAT YOU HEAT

KITCHEN FIRES ARE THE LEADING CAUSE OF HOME FIRES IN SUNRISE.

PREVENT KITCHEN FIRES – NEVER LEAVE COOKING UNATTENDED.

- Cook with Caution – Be Alert
- Keep Ovens Clean from oil & grease residue
- Before Heating, remove all stored items from oven
- For a stovetop fire, cover and turn off the heat, or use an extinguisher
- Never put water on a grease fire!



Brought to you by the
Sunrise Fire-Rescue
Department



DON'T LET LINT CAUSE A FIRE IN YOUR HOME...

- Always use a lint filter – clean after each use
- Clean out dryer vents at least once a year - contracting with a qualified appliance repair service is recommended
- Do not dry items that have come in contact with flammable substances



KEEP YOUR CLOTHING DRYER VENTS CLEAN

Brought to you by
Sunrise Fire-Rescue
Department



ADVISORY BOARD



APPLICATIONS AVAILABLE

APPLY NOW FOR A CITY OF SUNRISE ADVISORY BOARD

Sunrise maintains 12 advisory boards comprised of members appointed by the City Commission. These boards (listed below) may meet monthly, or on an as-needed basis.

Volunteer citizen advisory boards are made up of people with a wide range of interests and expertise. Boards play a vital part in local government because they bring together citizen views that might not otherwise be heard.

Application packets may be requested from the City Clerk's Office or downloaded from www.sunrisefl.gov/boards. For more detailed information, please contact the City Clerk's Office at (954) 746-3333.

- Affordable Housing Advisory Board
- Board of Adjustment
- Cultural Affairs Advisory Board
- Economic Development Advisory Board
- Education Advisory Board
- Environmental Sustainability Advisory Board
- Historical Commission
- Leisure Services Advisory Board
- Planning and Zoning Advisory Board
- Small Business Advisory Board
- Social Services Advisory Board
- Unsafe Structures Board

JANUARY 2014



RISE AND SHINE WITH SUNRISE

WOOFSTOCK
Outdoor Fun in February

Apply Now for a City Advisory Board

Clothes Dryer Safety

VISIT THE CITY OF SUNRISE ONLINE

www.sunrisefl.gov • www.facebook.com/sunrisefl • www.youtube.com/cityofsunrise

Community Risk Reduction - Internal



20 year history provided by RM

- Power load Stretchers
- CPR
- Safety Caddy
- 3 point entry/exit video
- Annual EVOC
- ACE instructors
- Wellness Wed.



Mission Statement



**At Sunrise Fire-Rescue,
we strive to...**

***“Anticipate and meet the needs of the
community while providing the highest
level of fire-rescue services.”***

2016 NFPA Conference & Expo

- CEUs:** To receive CEUs for this session, scan your badge at the back of the room before leaving.
- Evaluation:** Complete a session evaluation on the mobile app. (Search app store for 'NFPA 2016 C&E.')
- Handouts:** Handouts will be available via the mobile app and at nfpa.org/conference.
- Recordings:** For information on audio recordings of Educational Sessions, visit nfpa.org/Xchange.