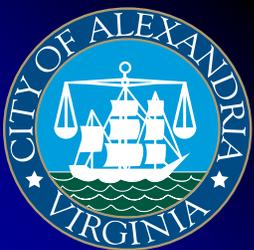


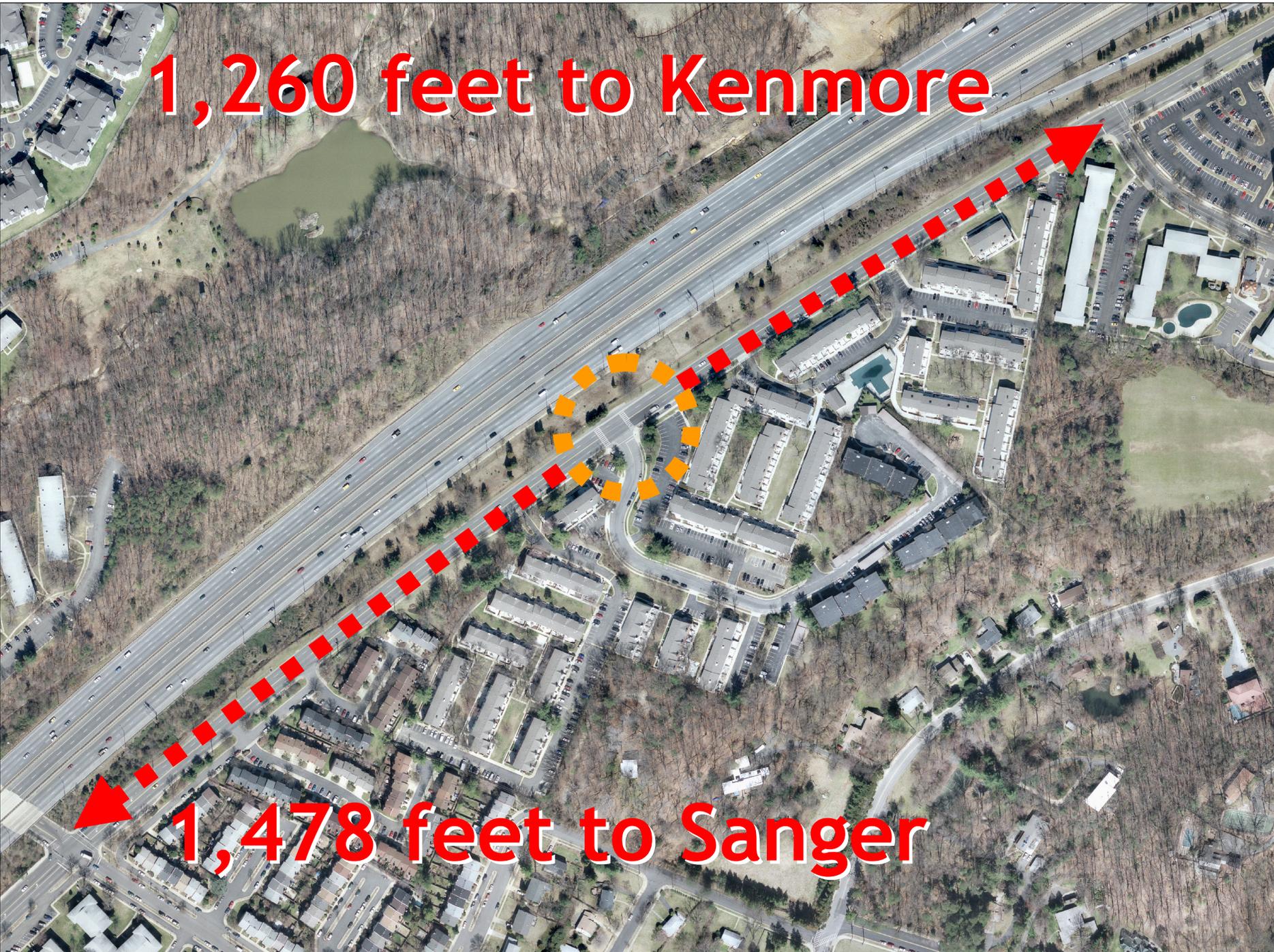
Pedestrian Safety Proposal for Van Dorn & Maris Ave



City Council
March 19, 2008

VAN DORN & MARIS- EXISTING





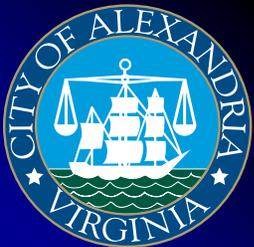
1,260 feet to Kenmore

1,478 feet to Sanger

Recent Improvements



- Accessible ramps:
Van Dorn & Maris
- Accessible ramps:
Van Dorn & Kenmore
- Plan to re-mark
crosswalks & add
pedestrian
countdown timers at
Kenmore
- New lighting
(Dominion Va Power)



Hybrid Pedestrian Signal (Double RED over YELLOW)



Also known as a 'HAWK'



- **H**igh intensity
Activated cross**W**alk
- Piloted at 51 locations in Tucson, Az. since 1999
- Shown marked improvement in percentage of drivers who yield to pedestrians in crosswalks

Why a 'HAWK'?

- Adapted from signal used at railroad & emergency (fire department) locations
- Piloted for use at uncontrolled crosswalks on multilane roads with moderate pedestrian use & moderate to high traffic volume
- Application in Alexandria would be first installation in Metro DC area
- Video



1



2

Flashing



3



4



5

Wig-Wag



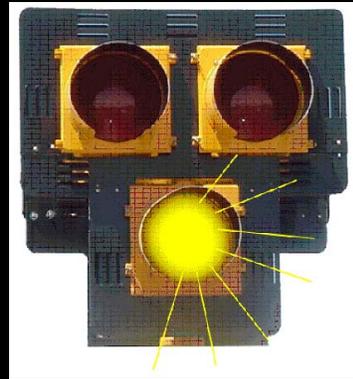
**Return
to 1**



HAWK sequence



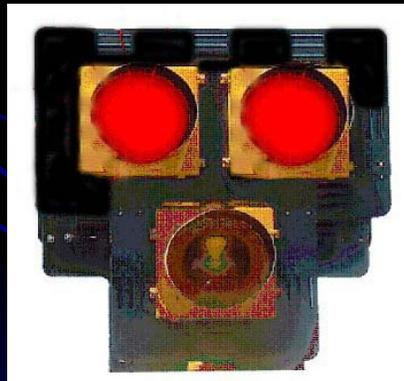
Dark Until Activated



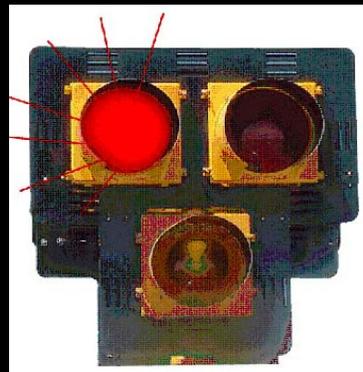
**Flashing Yellow
(Engineering
Judgment but
typically 3-5 sec)**



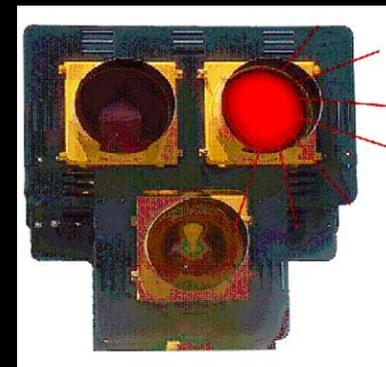
**Steady Yellow
(3-6 seconds)**



**Steady Red during
Pedestrian Walk
Interval**



**Alternating Flashing Red During Pedestrian
Clearance Interval**



Signs & Striping



- Striping consistent with traffic signals (stop bars, crosswalks)
- Signs communicate simple, clear messages
- Monitoring & Evaluation

Questions/Comments?

