

Steps in planning a SRTS program

- Bring together the right people
- Gather information and identify issues
- Find solutions
- Make a plan
- Get the plan funded
- Act on the plan
- Evaluate and make changes if needed

Stakeholders

- School
- City
- Community



Stakeholders - School

- Parents
- Students
- Principals
- Superintendents
- Board members
- Crossing guards
- Facilities personnel



Stakeholders - City

- Public works
- Traffic engineers
- Planning
- Police



Stakeholders - Community

- Health officials
- Health advocates
- Environmental advocates
- Bicycle or pedestrian advocates
- Youth groups
- Neighbors



Elements of Safe Routes to School programs

- Education
- Encouragement
- Enforcement
- Engineering
- Evaluation



Education and Encouragement Techniques



1. Educating children

- Pedestrian and bicyclist safety
- Personal safety
- Health benefits
- Environment



2. Educating parents

- Pedestrian and bicyclist safety guidelines to reinforce with children
- Safe driving near the school
- School pick up and drop off procedures



3. Educating neighbors

- Watch for / yield to pedestrians and cyclists
- Drive slowly
- Keep sidewalks clear
- Prune plants



Encouragement programs



Encouragement programs

1. Events
2. Walking school buses
3. Individual competition
4. Contests
5. Park and walk sites
6. Route map promotion



1. Events



2. Walking school buses and bicycle trains



3. Individual competition



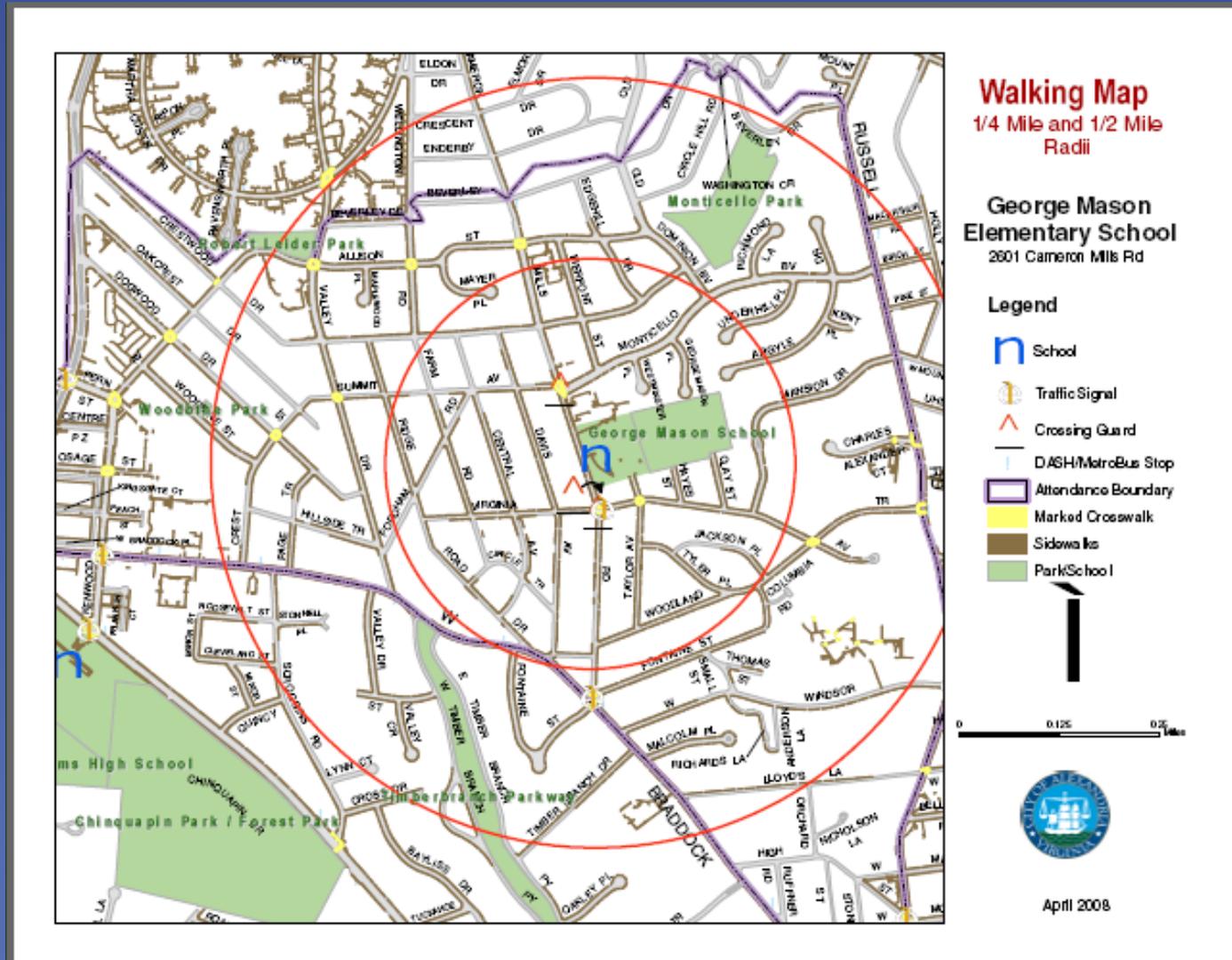
4. Contests



5. Park and walk sites



6. Route map promotion



Enforcement strategies



Safety patrol

Allows students to participate in promoting traffic safety



School driveway and drop-off zone monitors



Crossing guards



Neighborhood speed watch radar lending programs

Residents use radar units to record speed data in their neighborhood



Law enforcement methods

- Speed trailers
- Active speed monitors
- Traffic complaint hotline
- Photo enforcement
- Pedestrian 'decoys'
- Progressive ticketing



Speed trailers



Active speed monitors

- More permanent than trailers
- Provides feedback and increases awareness



Traffic complaint hotline

- Create outlet for community
- Provide guidance for enforcement
- Provide feedback



Photo enforcement



Mobile units provide city-wide coverage



Permanent units supplement police efforts

Pedestrian 'decoys'



Evaluation

SURVEY ABOUT WALKING AND BIKING TO SCHOOL - FOR PARENTS -

Dear Parent or Caregiver,

Your child's school wants to learn your thoughts about children walking and biking to school. This survey will take about 10 - 15 minutes to complete. We ask that each family complete only one survey per school your children attend. If more than one child from a school brings a survey home, please fill out the survey for the child with the next birthday from today's date.

After you have completed this survey, send it back to the school with your child or give it to the teacher. Your responses will be kept confidential and neither your name nor your child's name will be associated with any results. Thank you for participating in this survey!

These first few questions gather some general and background information. Remember, all information will be confidential, and no identifying information will be released.

1. What is the grade of the child who brought home this survey? (K - 8) _____ grade
2. Is the child who brought home this survey male or female? MALE FEMALE
3. How many children do you have in Kindergarten through 8th grade? _____ children
4. What is your ZIP Code? (please provide ZIP +4 if known) _____ ZIP code
(note: many utility bills will show your ZIP +4)
5. How far does your child live from school? (choose one)

<input type="checkbox"/> a. less than 1/4 mile	<input type="checkbox"/> d. 1 mile up to 2 miles
<input type="checkbox"/> b. 1/4 mile up to 1/2 mile	<input type="checkbox"/> e. More than 2 miles
<input type="checkbox"/> c. 1/2 mile up to 1 mile	<input type="checkbox"/> f. Don't know
6. On most days, how does your child arrive at school and leave for home after school? (circle one choice per column)

Arrive at school	Leave for home
a. Walk	a. Walk
b. Bike	b. Bike
c. School Bus	c. School Bus
d. Family vehicle (only with children from your family)	d. Family vehicle (only with children from your family)
e. Carpool (going with children from other families)	e. Carpool (going with children from other families)
f. Transit (city bus, subway, etc.)	f. Transit (city bus, subway, etc.)
g. Other (skateboard, scooter, inline skates, etc.)	g. Other (skateboard, scooter, inline skates, etc.)

SAFE ROUTES TO SCHOOL STUDENT ARRIVAL AND DEPARTURE TALLY SHEET

School Name: _____ Grade: _____ # of students enrolled in class _____

Teacher: _____ Monday's Date: _____

School's Zip Code _____ (used to identify weather conditions)

Teachers, here are simple instructions for using this form:

- Please conduct these counts each of the five days of the assigned week.
- Before asking your students to raise their hands to indicate the one answer that is correct for them, read through all potential answers so they will know what the choices are.
- Ask your students as a group the question "How did you arrive at school today?"
- Read each answer and record the number of students that raised their hands for each.
- Follow the same procedure for the question "How do you plan to leave for home after school?"
- Please conduct this count regardless of weather conditions (i.e., ask these questions on rainy days, too).

Step 1. Fill in the weather conditions and number of students in class each day		Step 2. Ask students "How did you arrive at school today?" and "How do you plan to leave for home after school?" (record number of hands for each answer)						
Weather ☀️ sunny ☁️ rainy ☁️ cloudy ☁️ snow	Number of Students (in class when count made)	Walk	Bike	School Bus	Family Vehicle (only with children from your family)	Carpool (going with children from other families)	Transit (city bus, subway, etc.)	Other (skateboard, scooter, inline skates, etc.)
Mon AM								
Mon PM								
Tues AM								
Tues PM								
Wed AM								
Wed PM								
Thur AM								
Thur PM								
Fri AM								
Fri PM								

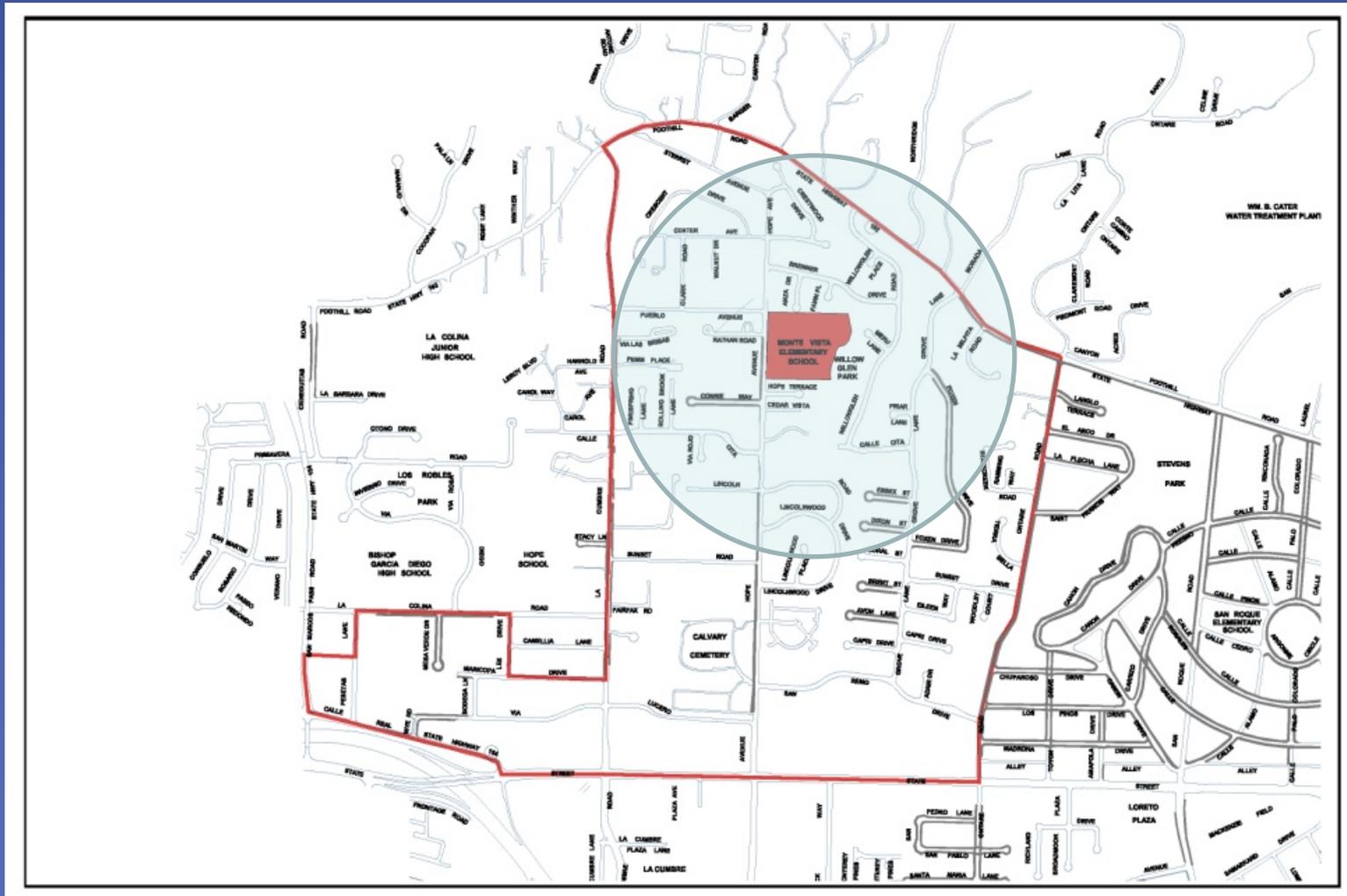
Comments (Please list any disruptions to these counts or any unusual travel conditions to/from the school on the days of the tally):

Is the program making a difference?

Engineering Treatments and Strategies

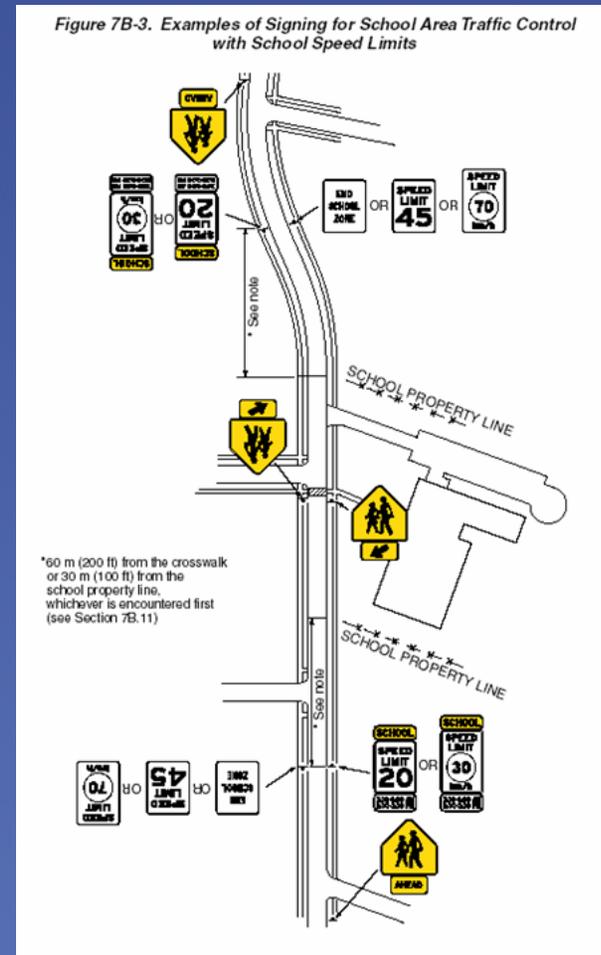


School walk zone



Signing and marking the school zone

Manual on Uniform Traffic Control Devices



School area speed limit signing



School crosswalk signs and advance warning signs



School pavement markings



Provide wide enough sidewalks

- Recommended minimum: 5'
- Preferred min: 6'
- At schools: 8'-10'



Curb ramp design

- Two ramps per corner
- Eight ramps per intersection



Bicycle lanes



Along the school route: Pathways



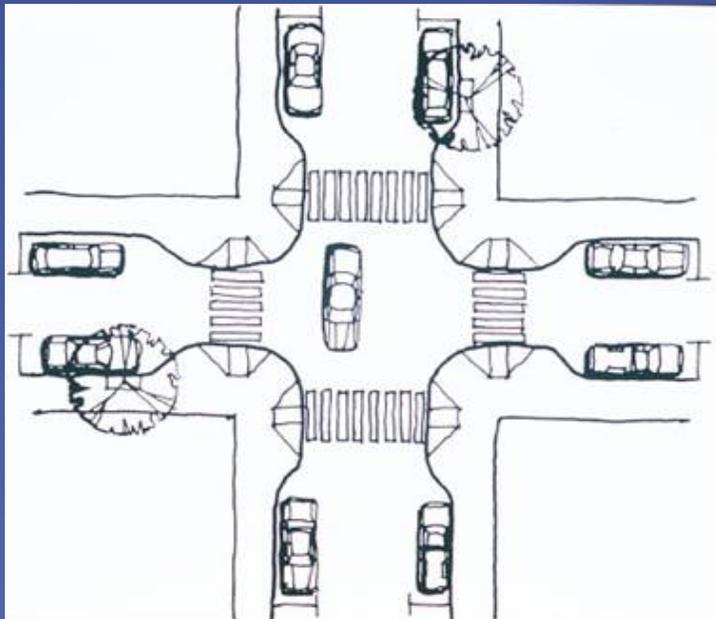
Install bicycle racks



Tools to reduce crossing distance

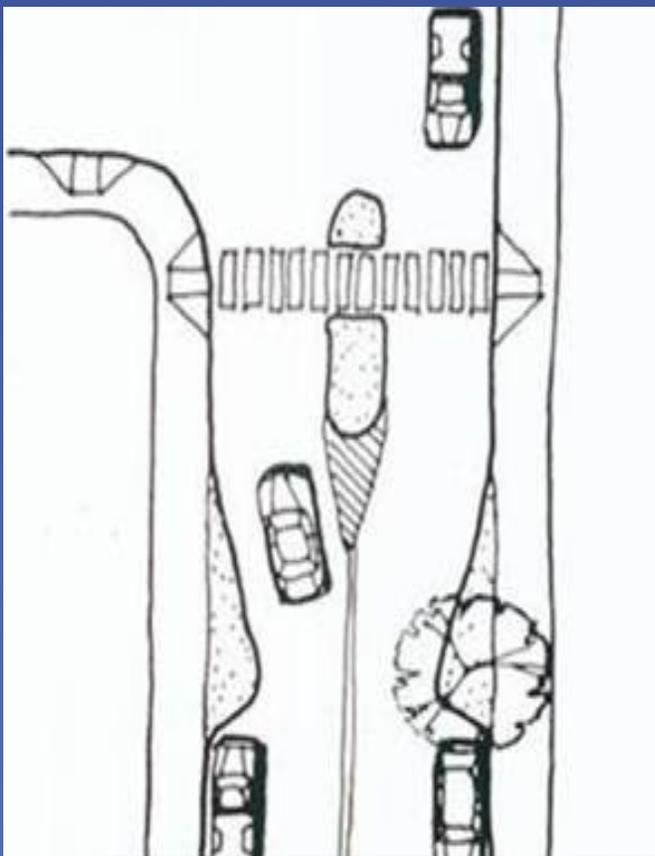


Curb extensions at crossings



Reduce the crossing distance

Crossing islands



Marking crosswalks



Advance yield line (shark's teeth)



Countdown pedestrian signal



Raised pedestrian crosswalks













Data and Evidence of Safety Issue

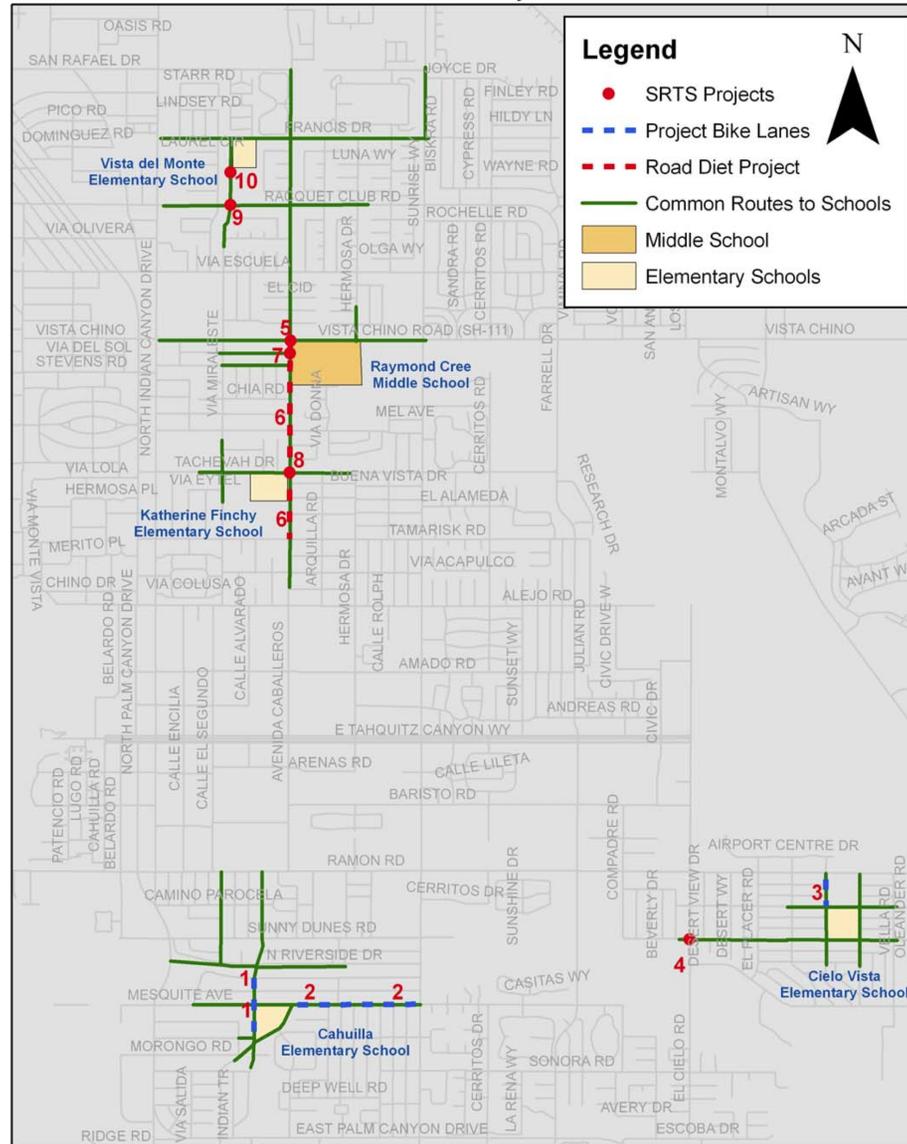
- Responses of workshop attendees
- Survey responses
- Speed surveys
- Crash data
- Traffic volumes
- Field observation
- Lanes and configuration

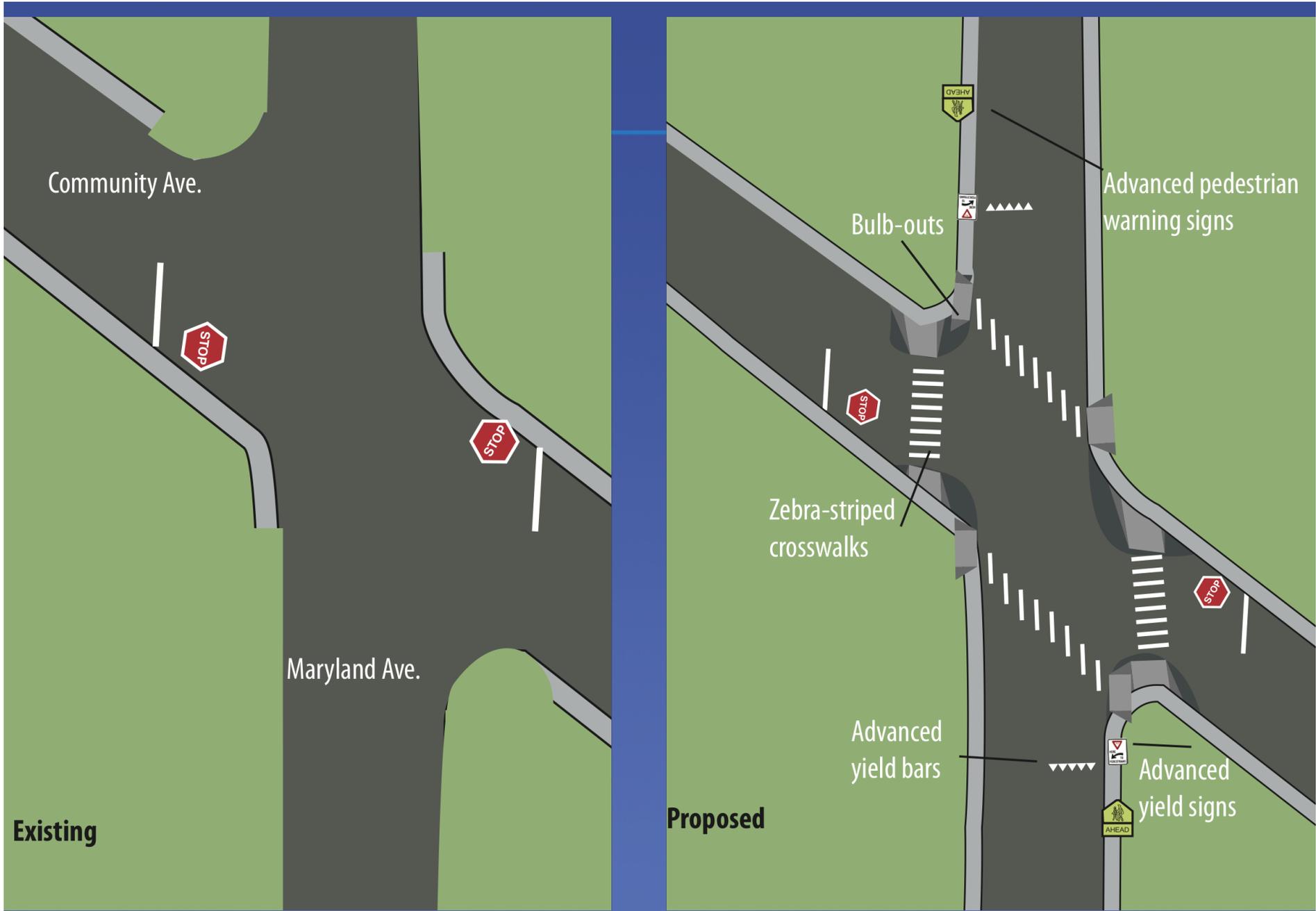


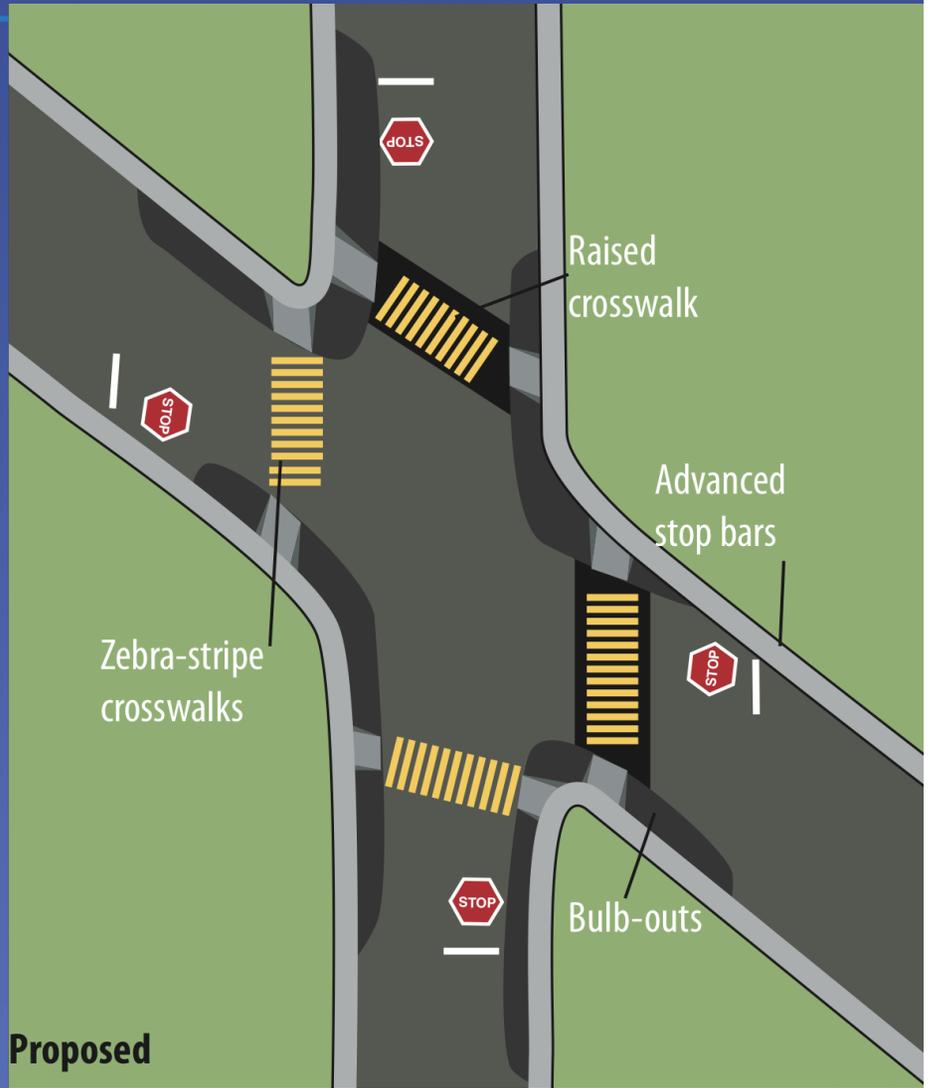
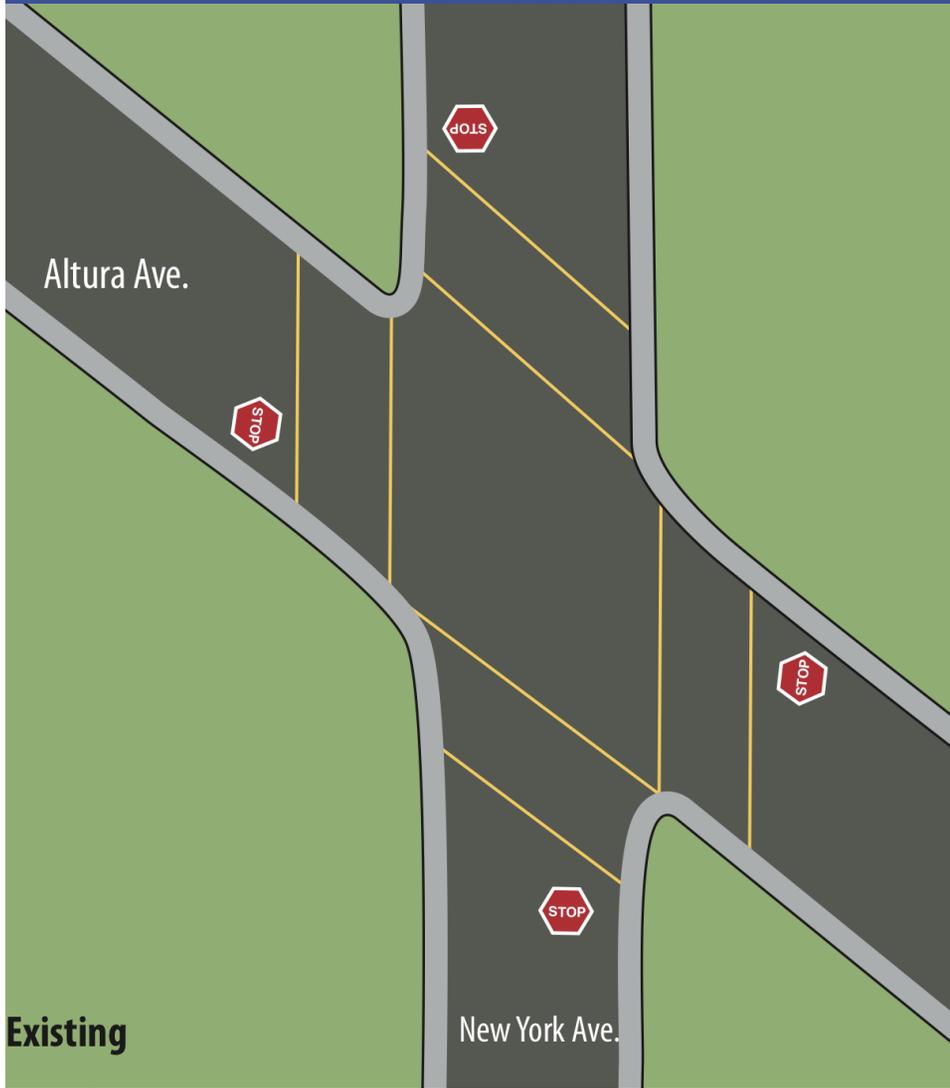
Marshall Elementary School

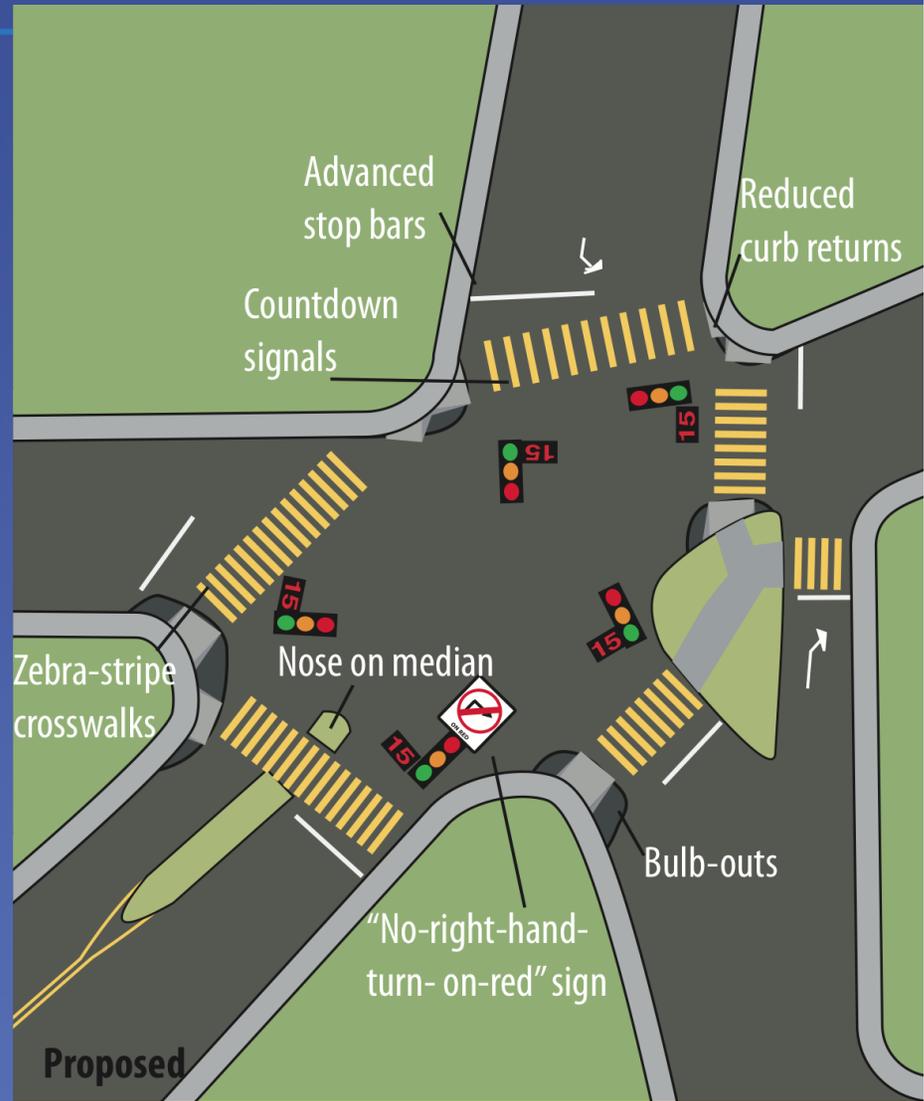
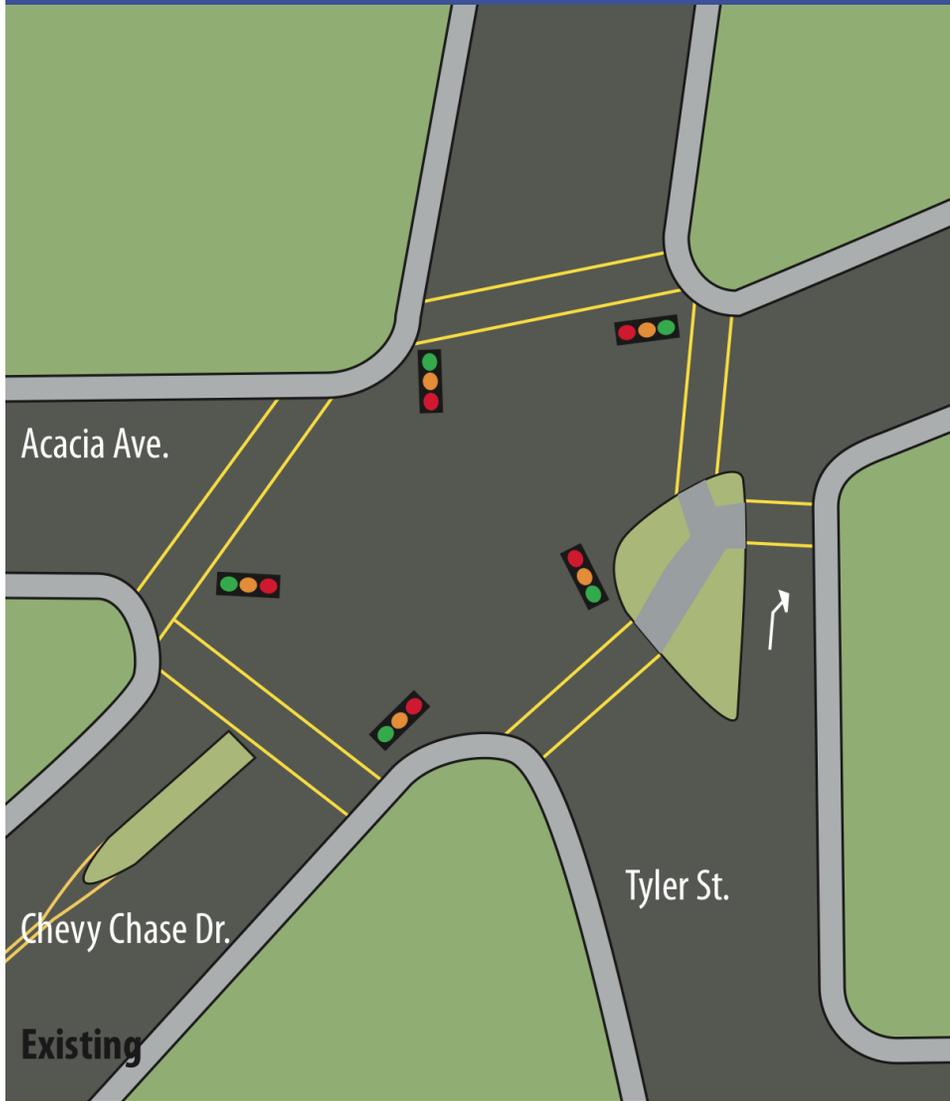


City of Palm Springs Safe Routes to School Project Locations - All









①

EDUCATION

- 1 day education on how to cross streets, traffic skills
 - Law enforcement will talk w/ Ryan
- Police Department or other org does safety education
- visual or DVD to cross language barrier
 - simple ~~ways~~ rules to educate
 - city has channel 6 - some in-house resources
- ★ maybe using students - student production, student advisory council
 - cyclist's eye view
 - Armenian channel
 - DVD show @ Back to school night
 - Dreamworks, entertainment connection
 - connect to Armenian community
- safety card/magnet for kids or brochure
 - issues, fine associated
 - drivers
- work w/ religious community
- school district safety fair
- "safety top of the month" like "Ward of the Month"
- traffic safety school 4 parents
 - parent university
- Bicycle + ped education - hands-on education
 - @ schools

SAFELY + PARENTS

EDUCATION

(BIKE/PEW/SKATEBOARD)

LATER ON FUND FROM WHAT WAS SPENT ON BUSES

- COUNTY PROGRAM AND/OR "GO BIKE" PROGRAM (STEVE SIMS)

- SHERIFF'S DEPT PRE-ENFORCEMENT ED TO PARENTS

- " PARTNER WITH OTHER ED - AFTER SCHOOL PROGRAM CAN COLLABORATE WITH OTHERS

ENCOURAGEMENT

WALKING WEDNESDAYS

WALKING AWARDS

PRIZES

HELMETS

WALKING SCHOOL BUSES

ASSEMBLIES

RECOGNITION

RAFFLE FOR PRIZE EACH DAY WALK/BIKE

TIE INTO WALKERS PROGRAM

ENFORCEMENT

HAVE SCHOOL RESOURCE OFFICERS @ MIDDLE + HS

HAVE CROSSING GUARDS AT KEY INTERSECTIONS

BEGINNING OF SCHOOL YEAR MOVE SPEED LIMITS AROUND

WILL ADOPT A SCHOOL PROGRAM WITH OFFICERS ASSIGNED TO TAKE INFO + COME OUT AS NEEDED

CITY BRINGS OUT DEVIATORS TO PREVENT V-TURNC



Ryan Snyder
(310) 475-3895
ryan@rsa.cc

ryan snyder
associates



transportation planning for livable communities