

Exhibit A

APPLICATION FOR STATE-LEGISLATED SAFE ROUTES TO SCHOOL (SR2S) PROGRAM CYCLE 10

APPLICATION SUMMARY

This summary page is filled out automatically once the application is completed.

IMPORTANT:

After the application is finalized, please save this PDF form using the Application ID as the file name.

Application ID:
(Use this as the file name)

SR2S10-07-Manhattan Beach-1

Caltrans District:

07

Applicant (Agency):

Manhattan Beach

Application No:

1 out of 1

SR2S Funds Requested: \$447,700.00

Project Description

The project will install the following items within the City of Manhattan Beach: Install flashing beacons at crosswalks, curb extensions with new ADA curb ramps, walkways, signage, markings, high visibility crosswalks and delineators.

Project Location

The project will be located on various streets adjacent to and in the vicinities of: American Martyrs, Grand View ES, Manhattan Beach Middle, Meadows ES, Pacific ES, Pennekamp ES and Robinson ES.

STATE-LEGISLATED SAFE ROUTES TO SCHOOL (SR2S) PROGRAM APPLICATION (CYCLE 10)

Please read the Safe Routes to School Program Guidelines available on the SR2S web site and pay special attention to Application Form Instructions while preparing this application. An incomplete or altered application format will be disqualified from further review.

The agency must save the completed PDF form using the application ID as the file name. Please send the original, one color copy and a copy on CD of the application form and attachments to the DLAE by the due date of Friday, March 30, 2012 (by close of business or postmarked no later than this date) . Refer to the DLA's web site for the DLAE in your District and the mailing address: <http://www.dot.ca.gov/hq/LocalPrograms/dlae.htm>.

I. Applicant Information

Applicant (Agency):

County:

Caltrans District:

Metropolitan Planning Organization (MPO):

Address:

City:

Zip Code: (Enter only a 5-digit number.)

Name of Agency Contact Person (Last, First):

Phone Number: Extension:

Email:

II. School Information

*All schools benefited by this SR2S Project are to be listed

School No. 1	County-District-School Code (CDS) ⁽¹⁾	19 - 75333 - 69607
Full School Name:	American Martyrs School	School Address: 1701 Laurel Avenue Manhattan Beach, CA 90266-4991
School District:	Manhattan Beach Unified	District Address: 325 S. Peck Ave, Manhattan Beach, CA 90266
Total Student Enrollment	665	Approximate number of Students living along school route proposed for improvement ⁽²⁾ 376
% of Students Eligible for the Free and Reduced Meals Program ⁽¹⁾ :	0	% (Enter 0-100)
% of Students who Currently Walk or Bicycle to School:	16	% (Enter 0-100)

(1) Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

(2) School route is defined as route students would take between home and school

School No. 2	County-District-School Code (CDS) ⁽¹⁾	19 - 75333 - 6020358
Full School Name:	Grand View Elementary School	School Address: 455 24th St. Manhattan Beach, CA 90266
School District:	Manhattan Beach Unified	District Address: 325 S. Peck Ave, Manhattan Beach, CA 90266
Total Student Enrollment	722	Approximate number of Students living along school route proposed for improvement ⁽²⁾ 447
% of Students Eligible for the Free and Reduced Meals Program ⁽¹⁾ :	0	% (Enter 0-100)
% of Students who Currently Walk or Bicycle to School:	73	% (Enter 0-100)

(1) Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

(2) School route is defined as route students would take between home and school

School No. 3	County-District-School Code (CDS) ⁽¹⁾	19 - 75333 - 6115307
Full School Name:	Manhattan Beach Middle School	School Address: 1501 Redondo Ave. Manhattan Beach, CA 90266
School District:	Manhattan Beach Unified	District Address: 325 S. Peck Ave, Manhattan Beach, CA 90266
Total Student Enrollment	1,395	Approximate number of Students living along school route proposed for improvement ⁽²⁾ 1,395
% of Students Eligible for the Free and Reduced Meals Program ⁽¹⁾ :	2	% (Enter 0-100)
% of Students who Currently Walk or Bicycle to School:	3	% (Enter 0-100)

(1) Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

(2) School route is defined as route students would take between home and school

School No. 4	County-District-School Code (CDS) ⁽¹⁾	19 - 75333 - 6020390
Full School Name:	Meadows Avenue Elementary School	School Address: 1200 Meadows Ave. Manhattan Beach, CA 90266
School District:	Manhattan Beach Unified	District Address: 325 S. Peck Ave, Manhattan Beach, CA 90266
Total Student Enrollment	513	Approximate number of Students living along school route proposed for improvement ⁽²⁾ 496
% of Students Eligible for the Free and Reduced Meals Program ⁽¹⁾ :	2	% (Enter 0-100)
% of Students who Currently Walk or Bicycle to School:	48	% (Enter 0-100)

(1) Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

(2) School route is defined as route students would take between home and school

School No. 5	County-District-School Code (CDS) ⁽¹⁾	19 - 75333 - 6020416
Full School Name:	Pacific Elementary School	School Address: 1200 Pacific Ave. Manhattan Beach, CA 90266
School District:	Manhattan Beach Unified	District Address: 325 S. Peck Ave, Manhattan Beach, CA 90266
Total Student Enrollment	644	Approximate number of Students living along school route proposed for improvement ⁽²⁾ 600
% of Students Eligible for the Free and Reduced Meals Program ⁽¹⁾ :	1	% (Enter 0-100)
% of Students who Currently Walk or Bicycle to School:	33	% (Enter 0-100)

(1) Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

(2) School route is defined as route students would take between home and school

School No. 6	County-District-School Code (CDS) ⁽¹⁾	19 - 75333 - 6020325
Full School Name:	Aurelia Pennekamp Elementary School	School Address: 110 S. Rowell Ave, Manhattan Beach, CA 90266
School District:	Manhattan Beach Unified	District Address: 325 S. Peck Ave, Manhattan Beach, CA 90266
Total Student Enrollment	576	Approximate number of Students living along school route proposed for improvement ⁽²⁾ 576
% of Students Eligible for the Free and Reduced Meals Program ⁽¹⁾ :	2	% (Enter 0-100)
% of Students who Currently Walk or Bicycle to School:	45	% (Enter 0-100)

(1) Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

(2) School route is defined as route students would take between home and school

School No. 7

County-District-School Code (CDS)⁽¹⁾

19 - 75333 - 6020408

Full School Name: Opal Robinson Elementary School

School Address: 80 Morningside Dr. Manhattan Beach, CA 90266

School District: Manhattan Beach Unified

District Address: 325 S. Peck Ave, Manhattan Beach, CA 90266

Total Student Enrollment 407

Approximate number of Students living along school route proposed for improvement⁽²⁾

403

% of Students Eligible for the Free and Reduced Meals Program⁽¹⁾:

0

% (Enter 0-100)

% of Students who Currently Walk or Bicycle to School:

52

% (Enter 0-100)

(1) Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

(2) School route is defined as route students would take between home and school

III. Project Information

Project Description: Provide a brief description of the proposed project improvements i.e. Construct new sidewalks, curb ramps, and crosswalks; install bicycle racks and lockers (limited to 250 characters).

The project will install the following items within the City of Manhattan Beach: Install flashing beacons at crosswalks, curb extensions with new ADA curb ramps, walkways, signage, markings, high visibility crosswalks and delineators.

Project Location: Provide a brief description of the general location(s) of the proposed project i.e. The intersection of First St and Second St. (limited to 250 characters).

The project will be located on various streets adjacent to and in the vicinities of: American Martyrs, Grand View ES, Manhattan Beach Middle, Meadows ES, Pacific ES, Pennekamp ES and Robinson ES.

State Legislative Districts of project location (*separate Districts by commas when there are multiple*):

Assembly District: 53rd District

Senate District: 28th District

Number of project applications being submitted by the applicant (agency):

1

Priority of this application:

1

Note: Priority of this application is required. The application must be ranked and prioritized with the priority number starting from 1 ("1" is the highest priority. No two applications may have the same priority number. Also enter "1" if this is the only application from your agency.)

Improvement categories included in the proposed project: (check all that apply)

- ☒ Pedestrian Facilities
- ☒ Bicycle Facilities
- ☒ Traffic Control Devices
- ☒ Traffic Calming and Speed Reduction
- ☒ Public Outreach and Education
- ☐ Other (describe below, max 100 characters)

IV. Project Cost Estimate

Please round all costs to the nearest hundreds.

Once all costs are entered, click "Check Cost Estimate" to perform validation. Click it to check again each time when the costs have been revised.

In some cases, the review committee may recommend that a project be funded providing certain components are removed from the project scope. Will the applicant proceed with the construction of the project if its scope and cost are reduced?

Yes

	SR2S Funds	Local/Other Funds ⁽⁶⁾	Total Cost
Preliminary Engineering⁽²⁾			
Environmental	\$9,000	\$1,000	\$10,000
PS&E	\$45,000	\$5,000	\$50,000
Right of Way			
Engineering	\$0	\$0	\$0
Appraisals, Acquisitions & Utilities	\$0	\$0	\$0
Construction Engineering & Construction			
Construction Engineering ⁽³⁾	\$18,000	\$2,000	\$20,000
Construction ⁽¹⁾	\$341,700	\$38,000	\$379,700
Public Outreach & Education and Minor Construction Improvements⁽⁴⁾			
Education, enforcement, and encouragement activities	\$24,300	\$2,700	\$27,000
Construction on school grounds	\$9,700	\$1,100	\$10,800
Total Project Cost⁽⁵⁾	\$447,700	\$49,800	\$497,500

(1) For construction cost (including contingencies), provide a detailed Engineer's Estimate (use form provided on SR2S web site).

(2) Total Cost of Preliminary Engineering may not exceed 25% of the Construction "Total Cost".

(3) Total Cost of Construction Engineering may not exceed 15% of the Construction "Total Cost".

(4) Total Cost of Public Outreach & Education and Minor Construction Improvements to Public School Grounds may not exceed 10% of the Construction "Total Cost".

(5) SR2S funds may not exceed 90% of "Total Cost" or \$450,000.

(6) Local match (10% or more) to be included by phase of work.

Check Cost Estimate

Congratulations! No errors have been found in the cost estimate.

V. Project Schedule

Estimated dates of completion for the major milestones shown below assuming the project is approved for funding on July 1, 2012. Refer to the SR2S Program Delivery Requirements in the Cycle 10 SR2S Guidelines.

Please enter durations (in month) and estimated dates of completion will be calculated.

	Duration (Months)	Estimated Date of Completion
Target Project Approval Date:		07/01/2012
Request Allocation of SR2S Funds:	3	09/30/2012
Complete Environmental Document:	1	10/30/2012
Obtain Right of Way Clearance:	1	11/29/2012
Award Construction Contract:	6	05/30/2013
Complete Construction:	3	08/29/2013
Project Close-out:	4	12/28/2013

VI. Evaluation Criteria

The applicant's responses to the following questions will be used to evaluate the proposed project. Rating factors (RF) and the required statute in the Streets and Highways Code [SH] have been provided for each question. Scores from applicant responses to these questions will be totaled to yield the final score.

The scoring rubrics have been posted on the SR2S web site.

1. **Public participation and planning process that contributed to the development and selection of this proposed**

project. Describe how the target school(s) were selected and prioritized among potential SR2S projects in the local community or region. Describe how community priorities were identified and community input was gathered to guide the development of the project included in the proposal, and what measures were taken to ensure that community priorities are reflected in the proposal. Describe how the process secured the support of relevant stakeholders, and involved a public participation process that included a public meeting involving the public, schools, parents, teachers, local agencies, the business community, key professionals and other relevant parties. Cite the stakeholder names and organizations/agencies and describe their participation. (RF 6&7) [SH 2333.5(b)(6)] (Max. Pts 20) (limited to 3,000 characters).

This project is a continuation of the recently awarded grant from the Cycle 3 federal Safe Routes to School (SRTS) program. It is intended to build on that process and include facilities identified as part of the City's recently implemented Walking School Bus activities at several schools. As with the SRTS project, it was determined that a city-wide safe routes to school project would be the most appropriate and would benefit the greatest number of children. All eligible elementary and middle schools within the City agreed to participate in developing this project.

Meetings were held with school administration and parent stakeholders at each of the schools to discuss what project components were appropriate as well as to identify each school's existing educational and encouragement programs to determine sustainability, limitations and areas that could be expanded. Meetings were held with the City's Police Department to discuss their school-related enforcement efforts, locations of concern and suggested improvements. Field visits were made by City Staff, including the City Traffic Engineer, during arrival and/or dismissal periods at each school to get a feel for the potential issues that may be present.

Each school distributed surveys to parents and teachers to perform a "before" study identifying walking/biking behaviors, routes taken, problem locations, impediments to walking/biking, suggested improvements and parental attitudes about letting their children walk/bike to school if specific improvements were made. Within each school, discussions were also held between school administration, teachers, parents and PTA members to develop specific project components. The project was presented before the City Council to provide further opportunity for public input and project modification prior to submittal.

Stakeholders involved in this process provided coordination with parents, identified problem locations and specific hazards/risks, participated in field inventories and meetings, provided feedback and opinions on potential improvements, highlighted educational, encouragement and enforcement activities, and assisted in obtaining support and concurrence. The primary stakeholders for each organization are as follows: City of Manhattan Beach - Nhung Madrid, Jack Rydell, Lt Andy Harrod (Police Department), Stephanie Martin (Police Department); American Martyrs School - Camryn Connelly (Principal); Grand View Elementary - Rhonda Steinberg (Principal), Becky Bruhns (Health/Safety Leader), Jen Agglio (Walking School Bus Parent Coordinator); Meadows Elementary - Connie Harrington (Principal); Manhattan Beach Middle - John Jackson (Principal), Paki Wolfe (PTA); Pacific Elementary - Kim Linz (Principal), Kay Sheth (PTA), Kristi Knowles (PTA); Pennekamp Elementary - Debbie Mabry (Principal), Tiffany King (PTA), Maggie Berman (PTA); Robinson Elementary - Nancy Doyle (Principal), Lily Phillips (Walking School Bus Parent Coordinator).

2. **Identification of current and proposed walking and bicycling routes to school.** Did the planning process develop into a school travel plan, safe routes to school plan, or school route plan? If yes, please describe briefly and attach a copy of the plan to this application. If no, please describe any future plans to develop one. (RF 5) [SH 2333.5(b)(5)] (Max Pts 5) (limited to 3,000 characters).

The City previously created suggested routes to school maps that were utilized in the development of this project. The current maps for American Martyrs, Grand View, Meadows, Pacific, Pennekamp and Robinson Elementary Schools are attached. Upon installation of some of the improvements identified in this project, these maps may be modified as appropriate to identify more desirable routes to school.

In collaboration with Vitality City, School staff, Parent Coordinators and City Staff, a suggested route map for the Walking School Bus Program for Manhattan Beach Schools including American Martyrs, Grand View, Pacific, Pennekamp and Robinson Schools has

been developed. Manhattan Beach has been working jointly with the City of Redondo Beach on the Walking School Bus Program and has identified and implemented several walking routes at nine schools. As shown in the attached Walking School Bus Sign Locations Map, all nine schools have dedicated routes with "bus stops" where children gather to walk to school. This project would provide signage to identify "bus stop" locations along the route for walkers and will also promote awareness of the program to motorists.

There is currently no suggested route to school map for Manhattan Beach Middle School. The City and school will coordinate to develop a pedestrian map as well as one for bicyclists to ensure that safe and reasonable facilities are provided. This work will be done in conjunction with the Vitality Cities project and the South Bay Bicycle Master Plan.

The planning process created a forum to discuss other education, encouragement and enforcement activities that may prove useful. Several of the ideas were obtained from attendance by City Staff at the February 2012 SR25 workshop at Caltrans District 7 headquarters. The close coordination between City Staff and the schools that was initiated by this project has created a strong working relationship that will continue to be beneficial for all involved in the future.

3. Existing Safety Hazards and Demonstrated Needs of the Applicant. Describe each safety risk/hazard that has been encountered at the project location when walking or bicycling to school and the extent and severity of each. Discuss how each item was determined to be a risk/hazard. (e.g. cite data such as accident reports, community observations, surveys, reports, walk or bicycle audits.) (RF 1&4) [SH 2333.5(b)(1)] (Max. Pts 30) (limited to 3,000 characters).

Crash History: Per SWITRS accident data, since 2007 there have been 42 pedestrian-vehicle accidents and 40 bicycle-vehicle accidents. It should be noted that the SWITRS data doesn't include any accident data for 2011. Of these accidents, four (4) pedestrian and six (6) bicycle accidents involved school-aged children.

Limited or no crosswalks: There are five locations where marked crosswalks are missing but are appropriate to guide pedestrians along the preferred route to school as well as better notify motorists of the potential for encountering school-age pedestrians. These locations are at Manhattan Middle, Pacific Elementary and Pennekamp Elementary Schools. All locations have substantial pedestrian crossing traffic as well as a significant number of vehicles travelling through the crossings.

High vehicular speed: Several roadways where improvements have been identified experience speeds well above the legal speed limit. Specific locations and the recorded 85th percentile speed and legal speed limit include: Highland Ave (32 mph/25 mph) and Blanche Rd (31 mph/25 mph) for Grand View Elementary School, 2nd St (32 mph/25 mph) and Meadows Ave (32 mph/25 mph) for Pennekamp Elementary School.

High vehicle traffic volume: Several roadways where improvements have been identified experience high traffic volumes, especially during AM commute periods that correspond to morning school arrival times. Specific locations, with daily (vpd) and AM peak hour (vph) volumes, include: Highland Avenue (17,654 vpd/1,213 vph) and Blanche Road (4,038 vpd/473 vph) for Grand View Elementary School; and 2nd St (3,087 vpd/263 vph), Peck Ave (4,709 vpd/366 vph) and Meadows Ave (3,269 vpd/203 vph) for Pennekamp Elementary School.

No traffic control devices at school crossings: There are several school crossings that currently have no existing traffic control devices on suggested routes to school and vehicles frequently do not yield to pedestrians in the crosswalks. These include 15th St at Deegan Pl, Highland Ave at 26th St, Blanche Rd at 29th St, Rowell Ave at 12th St, Meadows Ave at Voorhees Ave and Peck Ave at 1st St. This results in substantial potential for vehicle/pedestrian conflict and makes parents hesitant to let their children walk to school.

Children walking in the street: Due to the frequent lack of sidewalk, children are often required to walk in the street. The area of greatest concern is along the walking school bus route at Pacific Elementary School. 17th St and Walnut Ave is the walking route and are too narrow to permit construction of a sidewalk. A common occurrence is for vehicles to travel close to the edge of roadway, encroaching into the walking path and creating conflict with pedestrians. A second problem location is at 14th St and John St where children walk in the street as they exit the school and come into conflict with motorists driving to drop-off and pick-up students who disregard the painted island.

4. Potential of the Proposal for Reducing Child Injuries and Fatalities. Describe how the proposed project addresses each identified safety risk/hazard and how the project will improve bicycle and pedestrian safety and calm traffic. Explain why this proposed project is the best alternative for the situation. (RF 2) [SH 2333.5(b)(2)] (Max. Pts 30) (limited to 3,000 characters).

The variety of improvements contained in this project reflect consideration of the Stakeholders' concerns and appropriate engineering solutions.

- 1) The in-roadway warning lights are intended to create greater motorist compliance with the State law for motorists to yield to pedestrians within a crosswalk at heavily used crossings that are uncontrolled.
- 2) Red flashing beacons on existing "STOP" signs at school crosswalks are intended to promote greater observance of the stop command and are common in the area.
- 3) Installing white edgeline to designate pedestrian walking areas is intended to provide greater guidance to pedestrians on the appropriate walking path as well as reduce vehicle encroachment into these areas where sidewalk are not possible.
- 4) Constructing a wide concrete walkway at the southeast corner of the middle school is intended to eliminate the problem caused by large numbers of pedestrians trying to access school grounds via a narrow sidewalk that is in close proximity to the roadway and school driveway.
- 5) Installing high visibility crosswalks is intended to provide better guidance to pedestrians on the appropriate crossing location as well as better alerting motorists to the potential for crossing activities.
- 6) Installing flexible channelizers at a painted drop-off/pick-up island is intended to better guide motorists in this area that has substantial pedestrian crossing activity and has been observed to cause significant conflict between motorists and pedestrians.
- 7) Constructing curb extensions is intended to reduce the crossing distance for pedestrians at intersections and also to provide improved refuge for children waiting at walking school bus stops.
- 8) Installing bike racks (on school property) is intended to make it more convenient for children to store their bicycles, thus making bicycling to school a more attractive option.
- 9) Installing a "STOP" sign, limit line and "STOP" pavement marking on a school exit driveway (on school property) is intended to provide positive guidance to motorists and increase pedestrian safety when crossing the driveway.
- 10) Installing pedestrian prohibition signage is intended to provide better guidance to pedestrians on the proper location to cross the roadway and reduce pedestrian/vehicle conflict.

5. Potential of the Proposal for Encouraging Increased Walking and Bicycling Among Students. Describe how increased walking and bicycling among students will be encouraged and sustained after the project is completed. (e.g. partnership building, policy change, future funding, etc). Identify any specific education, encouragement, enforcement, and evaluation activities included in this project and attach a non-infrastructure activity worksheet, if applicable, to the application or explain any on-going efforts that support this project. (RF 3) [SH 2333.5(b)(3)] (Max. Pts 10) (limited to 3,000 characters).

The City of Manhattan Beach and the schools included in this project are fully committed to sustaining increased walking and bicycling after this project has been completed. The City is committed to providing sufficient funding in future years' budgets to maintain the infrastructure improvements at an appropriate level. It is also prepared to provide the necessary staffing resources to continue to evaluate and modify the project components as they are incorporated into the City's standard infrastructure. The City's commitment, both currently and in the future, to enhancing and sustaining walking and bicycling facilities is highlighted by their involvement in the Vitality Cities program and the South Bay Bicycle Master Plan development. Components and goals of both of these were included in the creation of this project and will be used to expand the City's facilities in the future.

The schools involved in the project are already heavily committed to walking and bicycling safety, as evidenced by their current activities. They have created strong walking and bicycling programs that are strongly supported by their parents, PTA's and school staff, such as the recent implementation of walking school buses at several schools. This project will provide additional infrastructure improvements that help address identified deficiencies and will provide funding for additional education and encouragement activities to further increase walking and bicycling.

The relationships developed between City staff and the schools during this project has created a mechanism for ongoing coordination within the City to continually identify ways to increase the number of children walking and bicycling to school. Continuing this dialogue will allow infrastructure deficiencies to be quickly identified and addressed, either through City-funded projects or future grant applications.

The process of creating and submitting this project included coordination with the City's Engineering Division, Police Department and City Council. This produced an increased awareness of the importance of increasing walking and bicycling in the City. It also highlighted the mechanisms available for coordination between schools and City staff as well potential funding sources for improvements. The process of developing this project has created an attitude with regards to children walking and bicycling to school that has become the normal instead of a "special project."

The Cities of Redondo Beach and Manhattan Beach have been working jointly on the Walking School Bus program, including developing consistent signage for both cities. This project includes signage that will be installed in both cities to continue efforts to expand the Walking School Bus program throughout the South Bay area.

6. Benefit to one or more low-income schools. Describe how the project will benefit low-income school(s) and what portion of the project funds will be directed towards providing this benefit. (RF 7) [SH 2333.5(b)(7)] (Max. Pts 5) (limited to 3,000 characters).

Due to the demographics of Manhattan Beach, low income schools will not benefit from this project. However it should be noted that the project does include all elementary and middle schools within the City and will benefit all children within the City.

The following attachments are required:

A. A general map showing the location of all proposed improvements and their proximity to the school and school routes.

Note: The map should clearly identify the route that students take to school.

B. A site plan for each improvement location showing existing and proposed conditions.

C. Detailed Engineer's Estimate (Use form provided on SR2S web site)

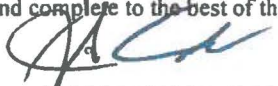
D. Applicable 'warrants' for projects with traffic control devices as required by California MUTCD (include Worksheet 4K-101 for Rapid Flashing Beacons at School Crossings)

E. Non-Infrastructure Activity Worksheet, if applicable

Photographs supplementing "A" and "B" above and letters of commitment and support from partners and advocacy groups are highly recommended.

VII. Application Signatures

Local Agency Official (City Engineer or Public Works Director): The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: Date: Name (Last, First): Phone: Title: Email:

School Official: The undersigned affirms that the school(s) benefited by this application is not on a school closure list that has been identified by the School District.

Signature: Date: Name (Last, First): Phone: Title: Email:

Person to Contact for Questions

Name (Last, First): Phone: Title: Email:

Caltrans District Traffic Operations Office Approval

If the SR2S project application proposes improvements on a freeway or state highway that affects the safety or operations of the facility, it is required that the proposed improvements be reviewed by the district traffic operations office and either a letter of support from the traffic operations office be provided or the signature of the traffic personnel be secured below.

Signature: Date: Name (Last, First): Phone: Title: Email:

California Highway Patrol Approval

If the SR2S project application proposes improvements on a freeway, state highway, or county road having California Highway Patrol (CHP) enforcement authority, a CHP Officer must either write a letter of support or sign below to show support of the project

Signature: Date: Name (Last, First): Phone: Title: Email:

Local Law Enforcement Agency Approval

If the SR2S project application proposes improvements that is outside of CHP enforcement authority, it is recommended that the local law enforcement agency write a letter of support or sign below to show support of the project.

Signature: Date: Name (Last, First): Phone: Title: Email:

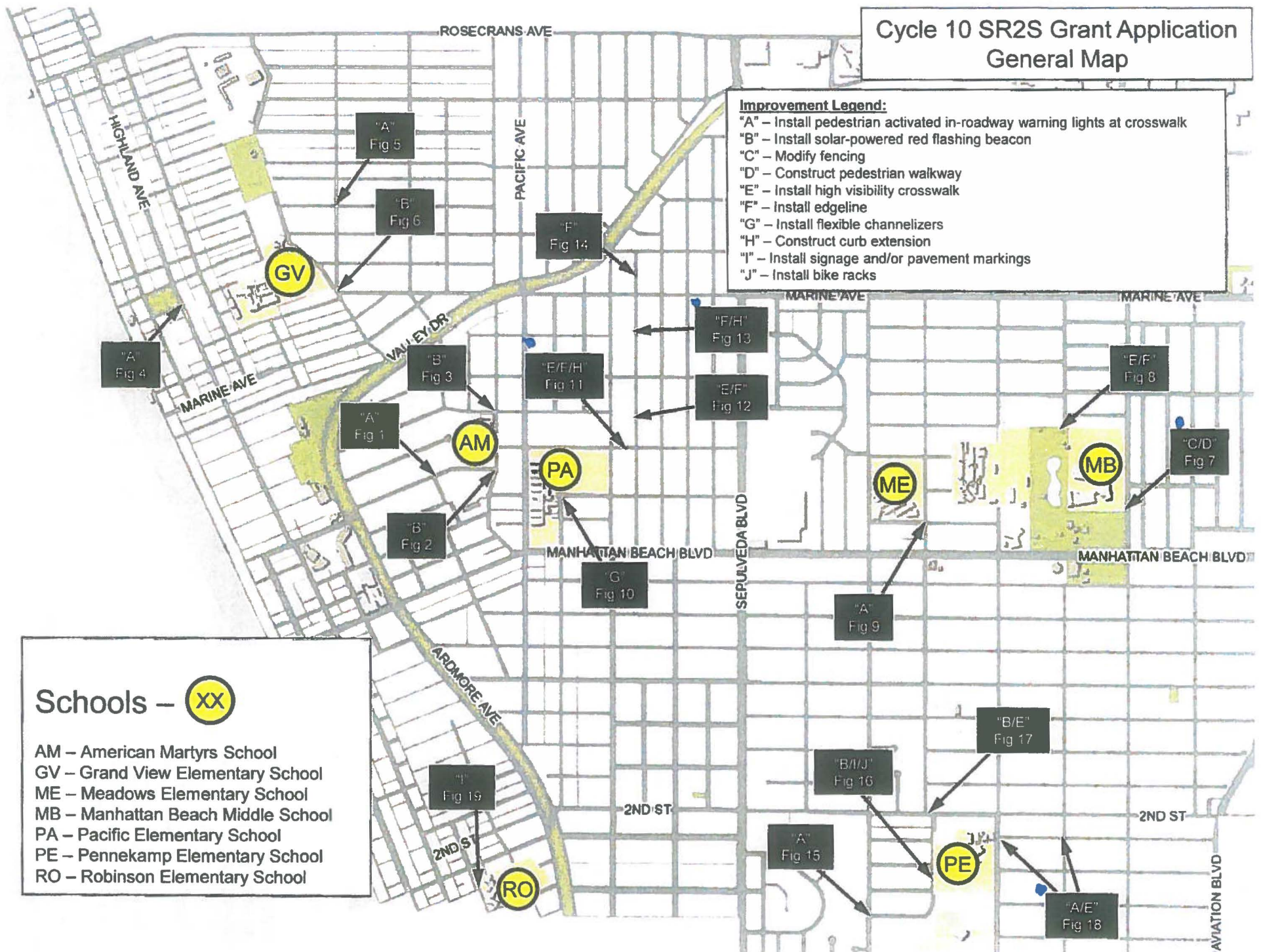
Cycle 10 SR2S Grant Application General Map

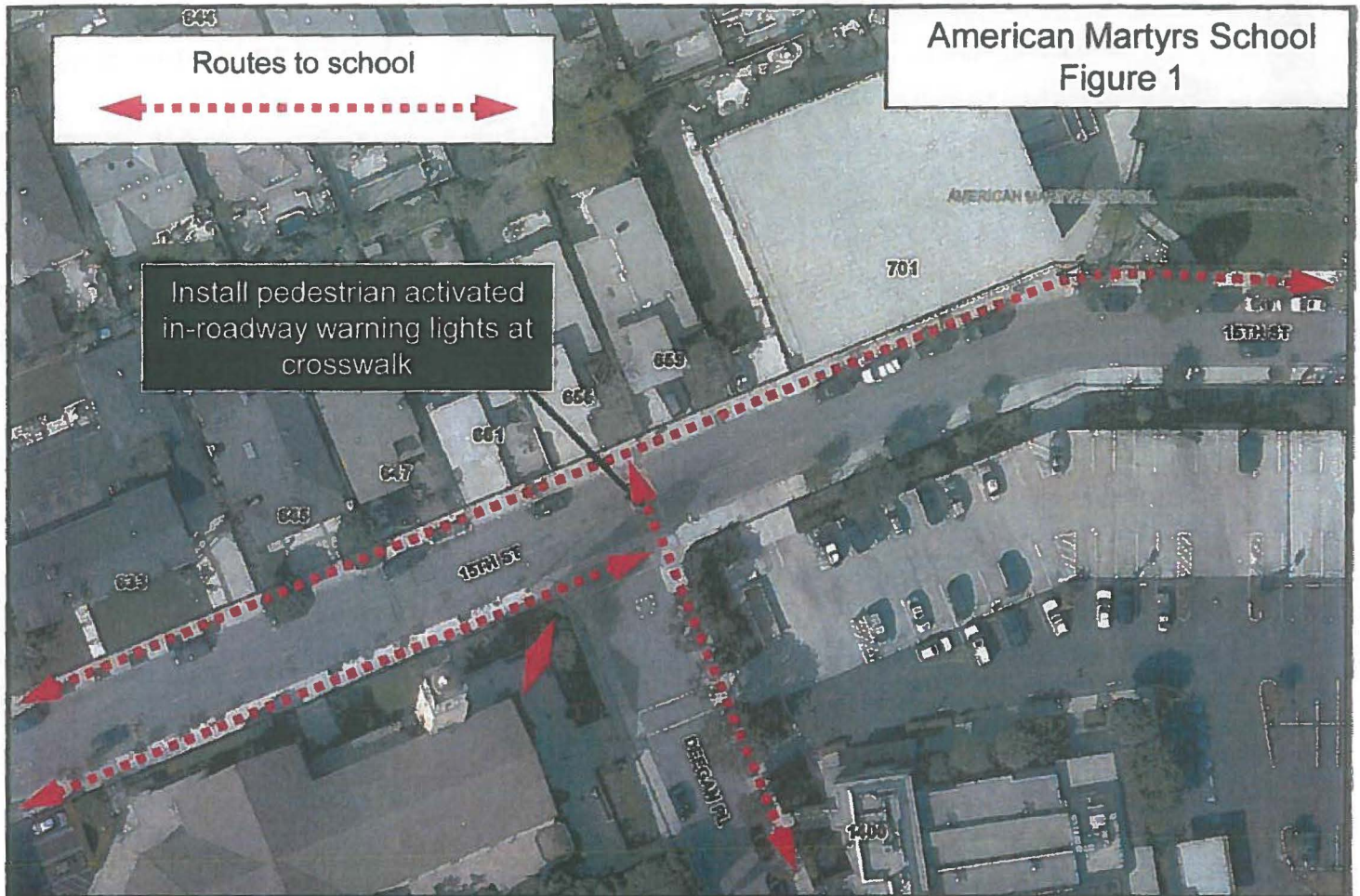
Improvement Legend:

- "A" – Install pedestrian activated in-roadway warning lights at crosswalk
- "B" – Install solar-powered red flashing beacon
- "C" – Modify fencing
- "D" – Construct pedestrian walkway
- "E" – Install high visibility crosswalk
- "F" – Install edgeline
- "G" – Install flexible channelizers
- "H" – Construct curb extension
- "I" – Install signage and/or pavement markings
- "J" – Install bike racks

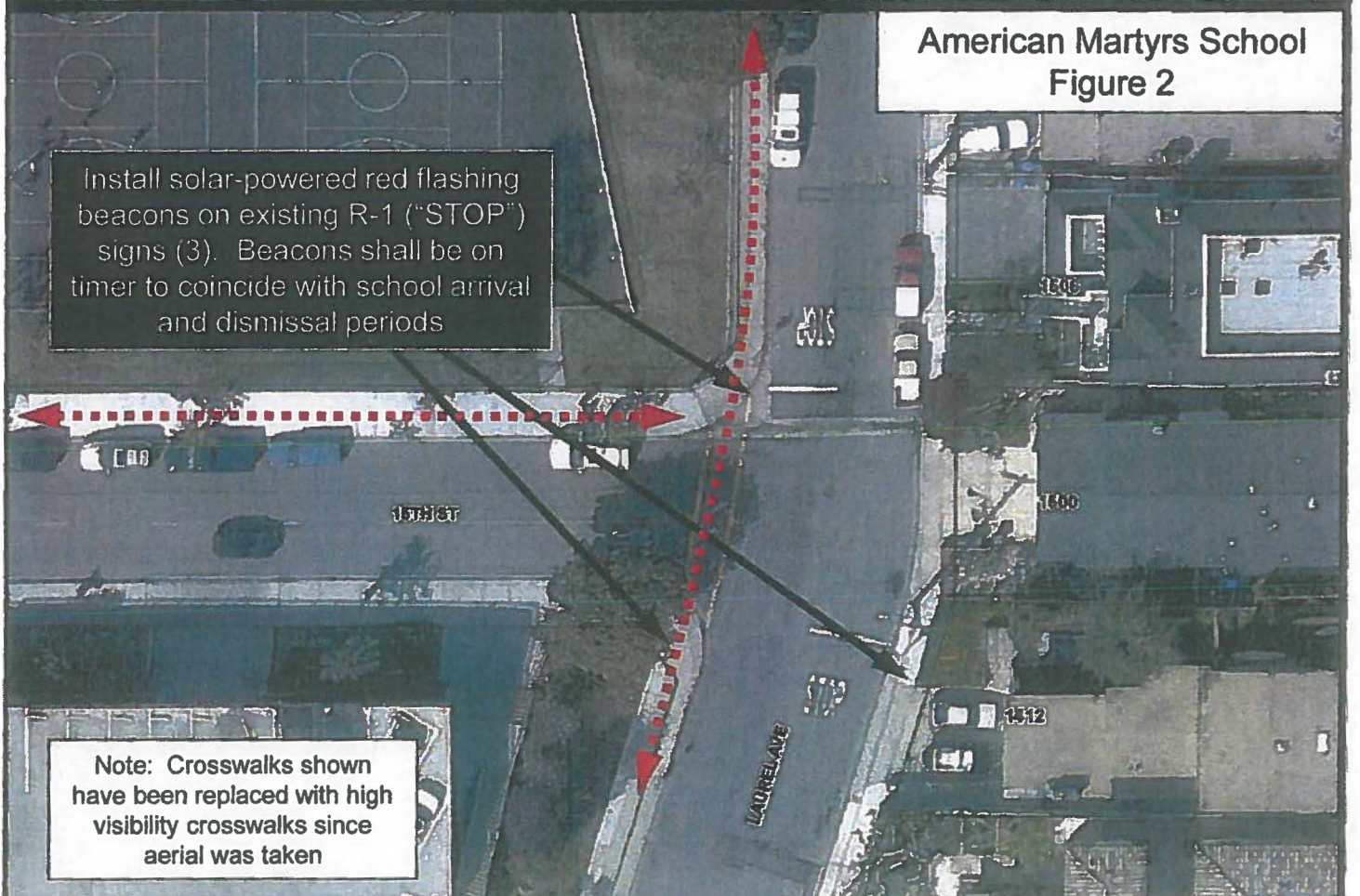
Schools – (XX)

- AM – American Martyrs School
- GV – Grand View Elementary School
- ME – Meadows Elementary School
- MB – Manhattan Beach Middle School
- PA – Pacific Elementary School
- PE – Pennekamp Elementary School
- RO – Robinson Elementary School



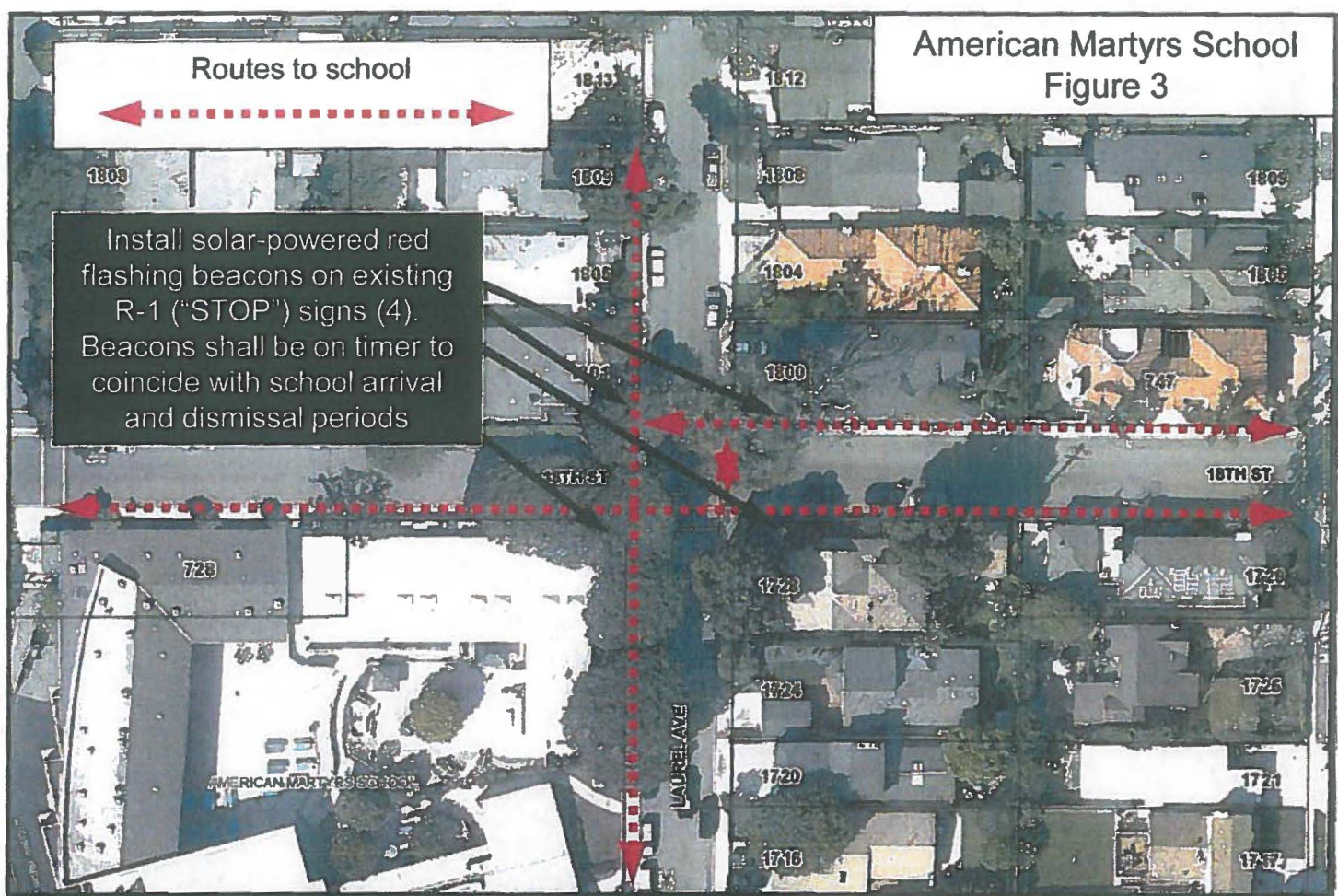


American Martyrs School
Figure 2

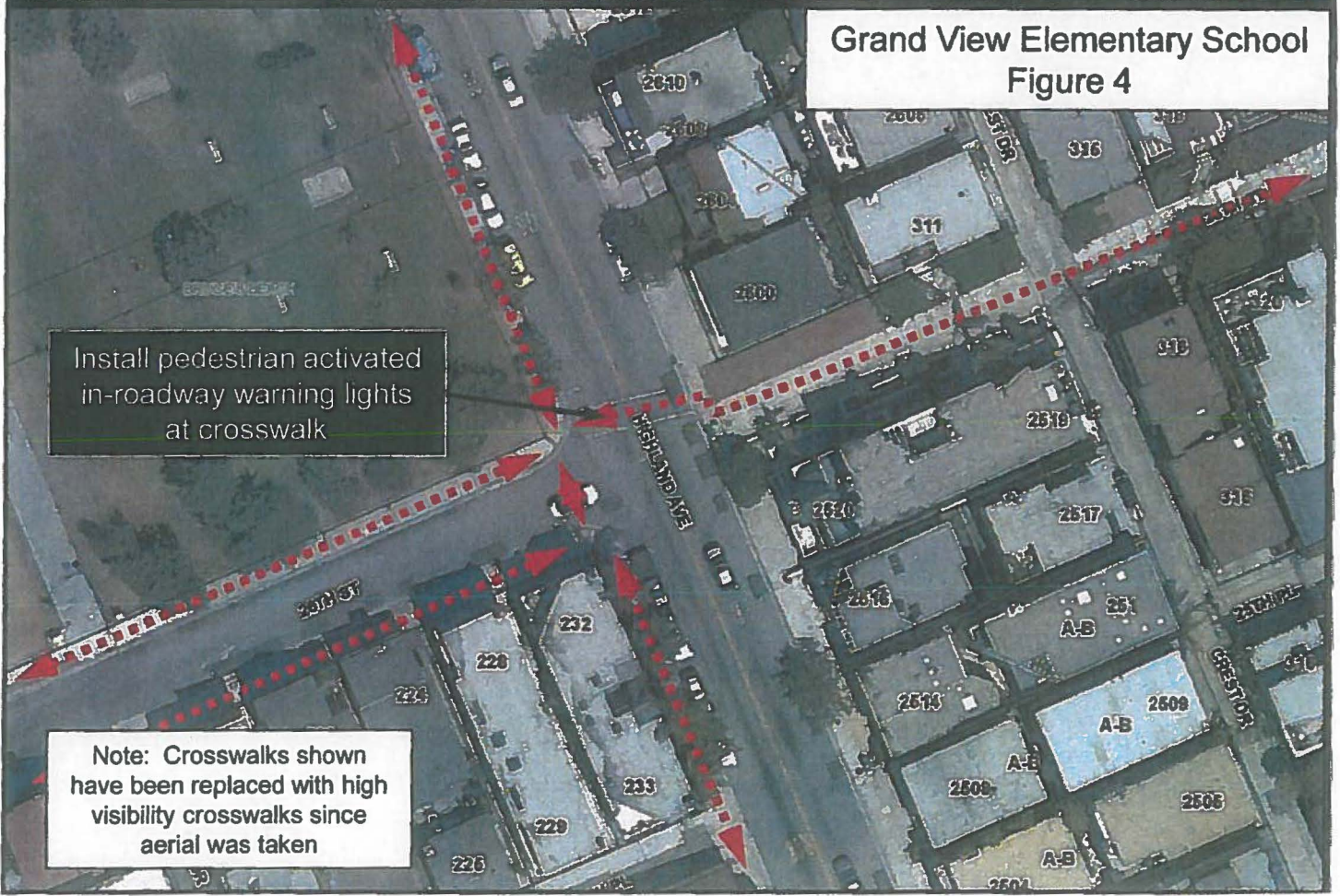


Note: Crosswalks shown have been replaced with high visibility crosswalks since aerial was taken

American Martyrs School
Figure 3



Grand View Elementary School
Figure 4



**Grand View Elementary School
Figure 5**

Install pedestrian activated in-roadway warning lights at crosswalk

2001 2000 603 609 613 617 621

20TH ST

600 602 604 606 612 616 620

BLICKENBORN

Routes to school

Note: Crosswalk and appropriate warning signs will be installed as part of a separate project

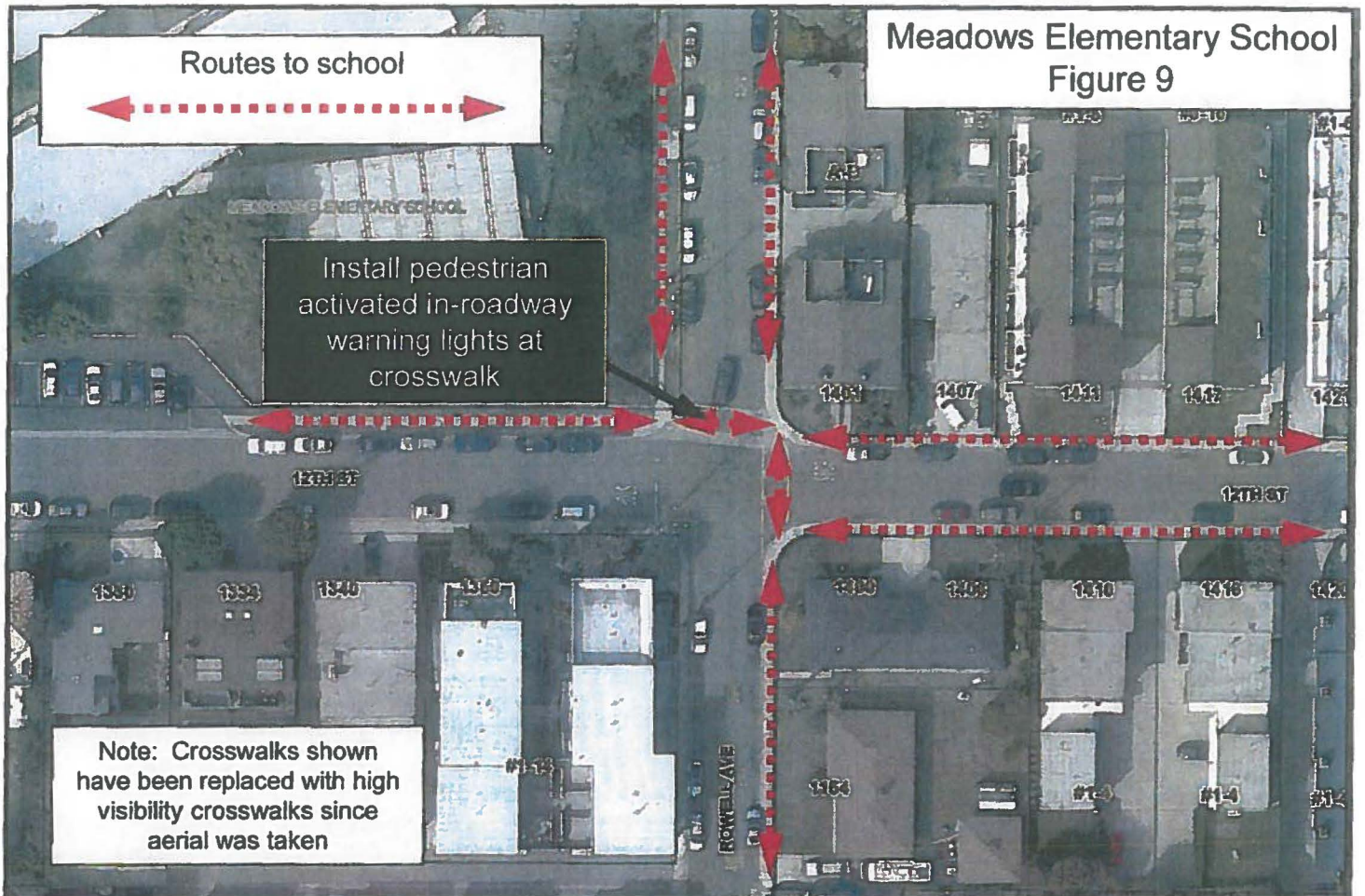
Grand View Elementary School
Figure 6

Install solar-powered red flashing beacons on existing R-1 ("STOP") signs (6). Beacons shall be on timer to coincide with school arrival and dismissal periods

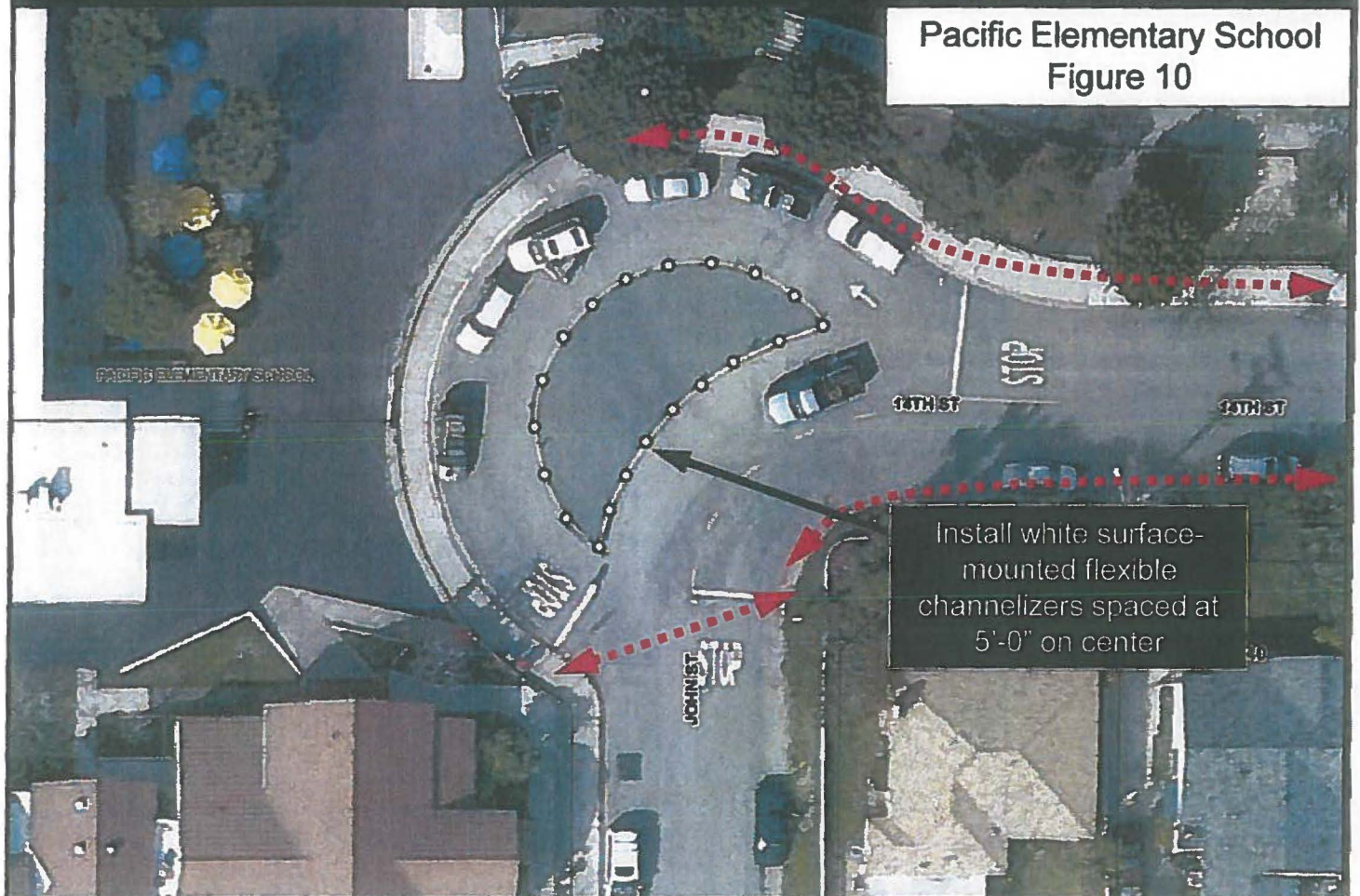
Note: Crosswalks shown have been replaced with high visibility crosswalks since aerial was taken

Note: Crosswalks shown have been replaced with high visibility crosswalks since aerial was taken

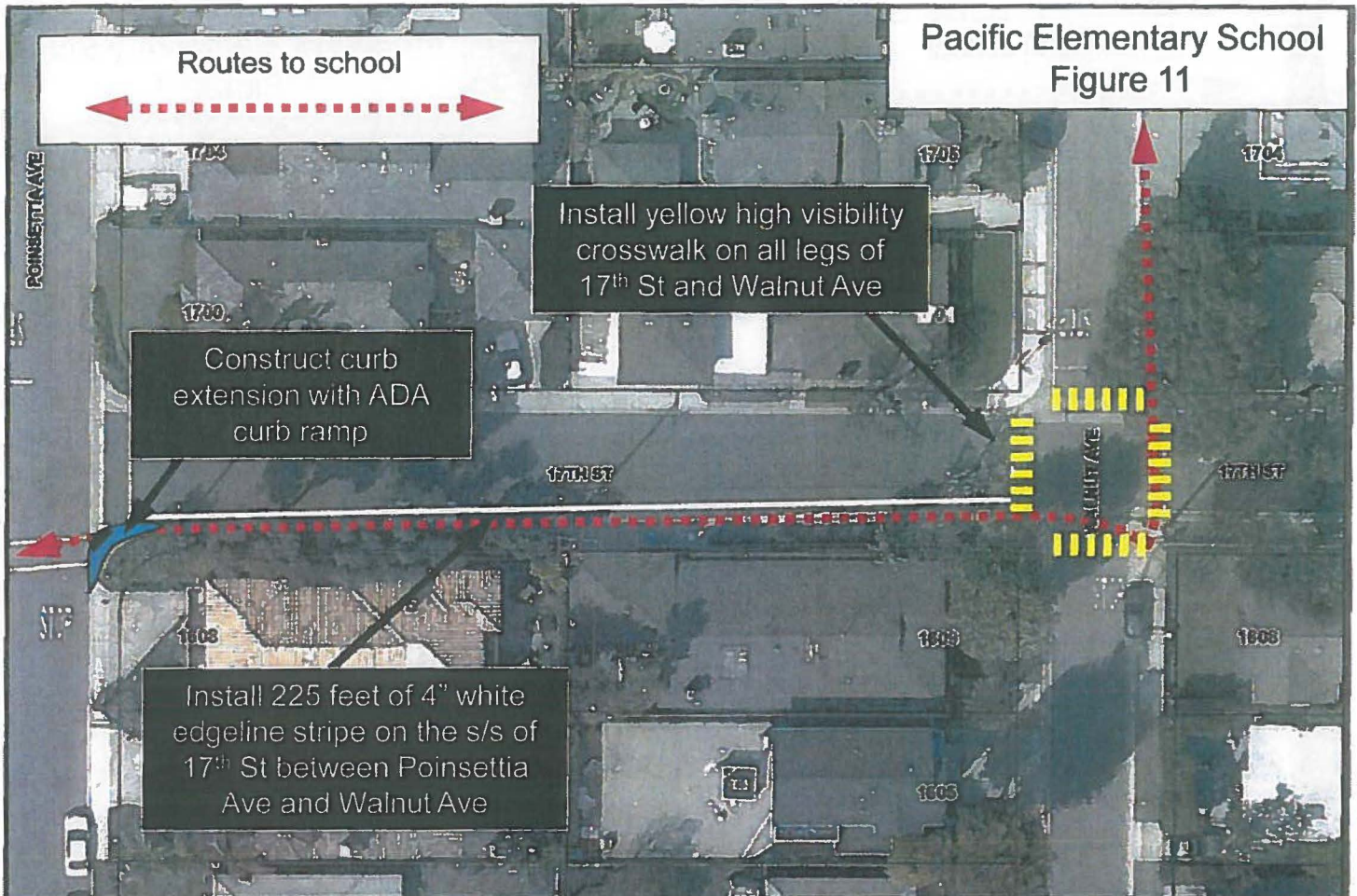
Meadows Elementary School
Figure 9



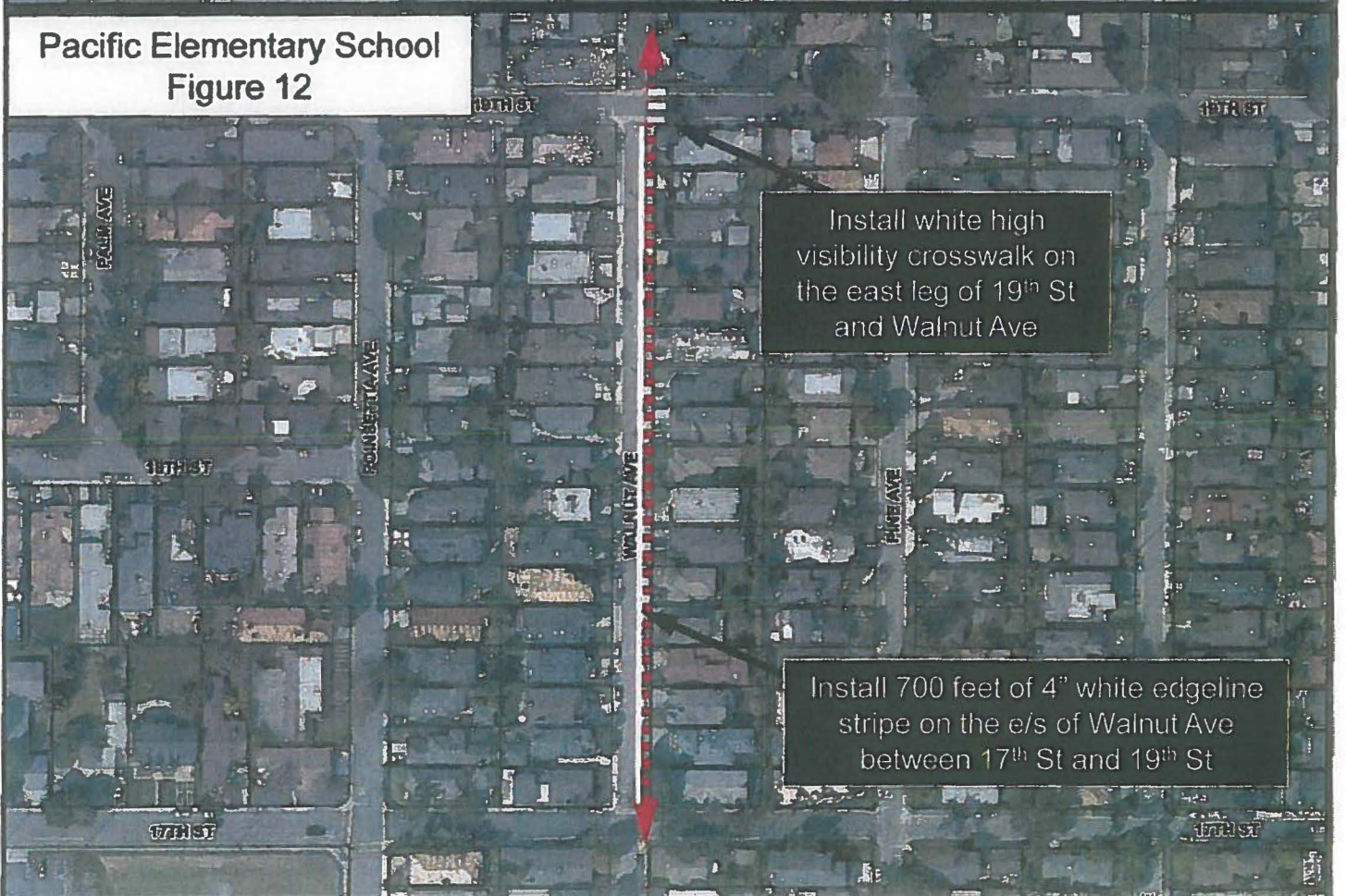
Pacific Elementary School
Figure 10

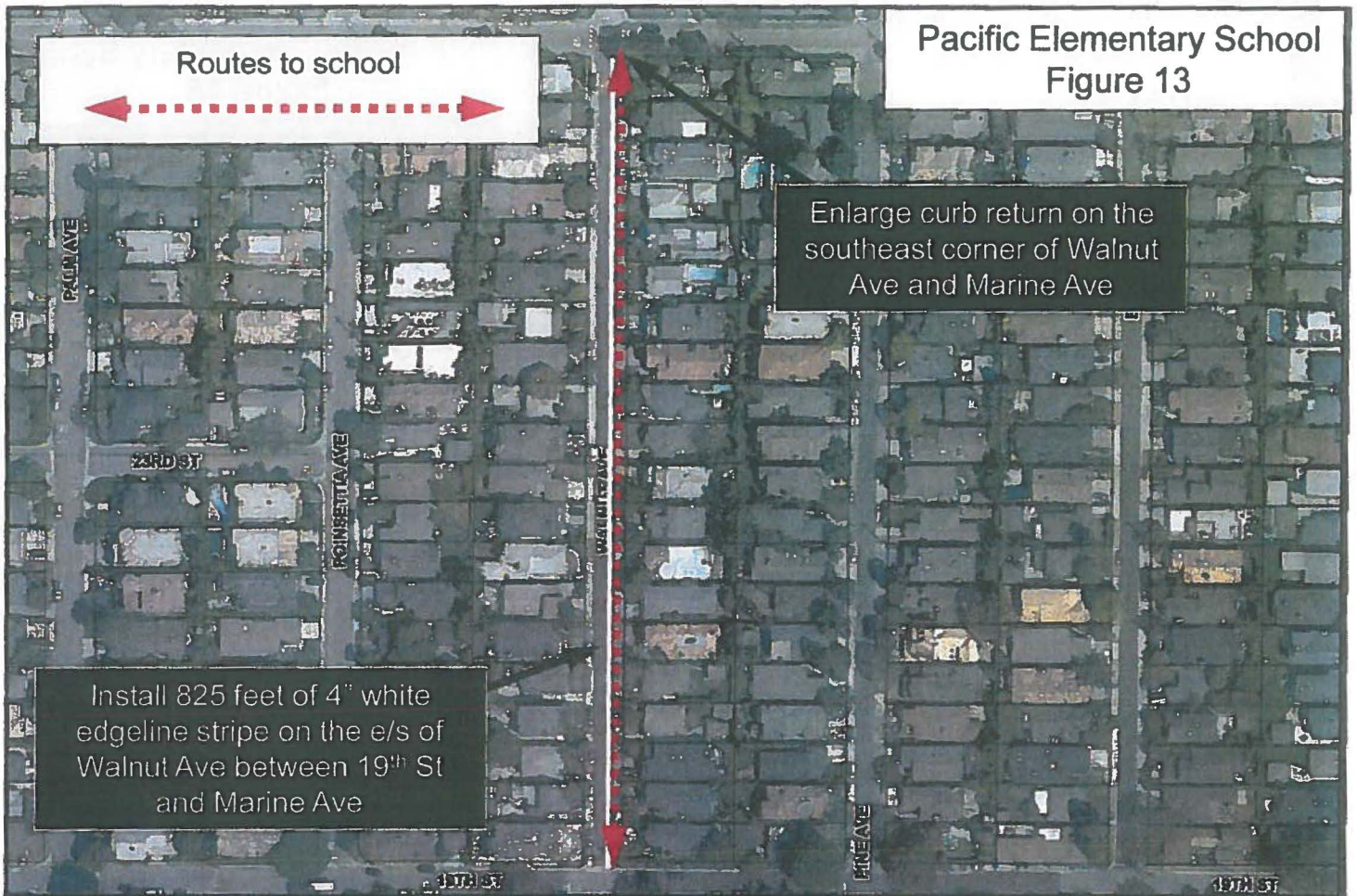


Pacific Elementary School
Figure 11

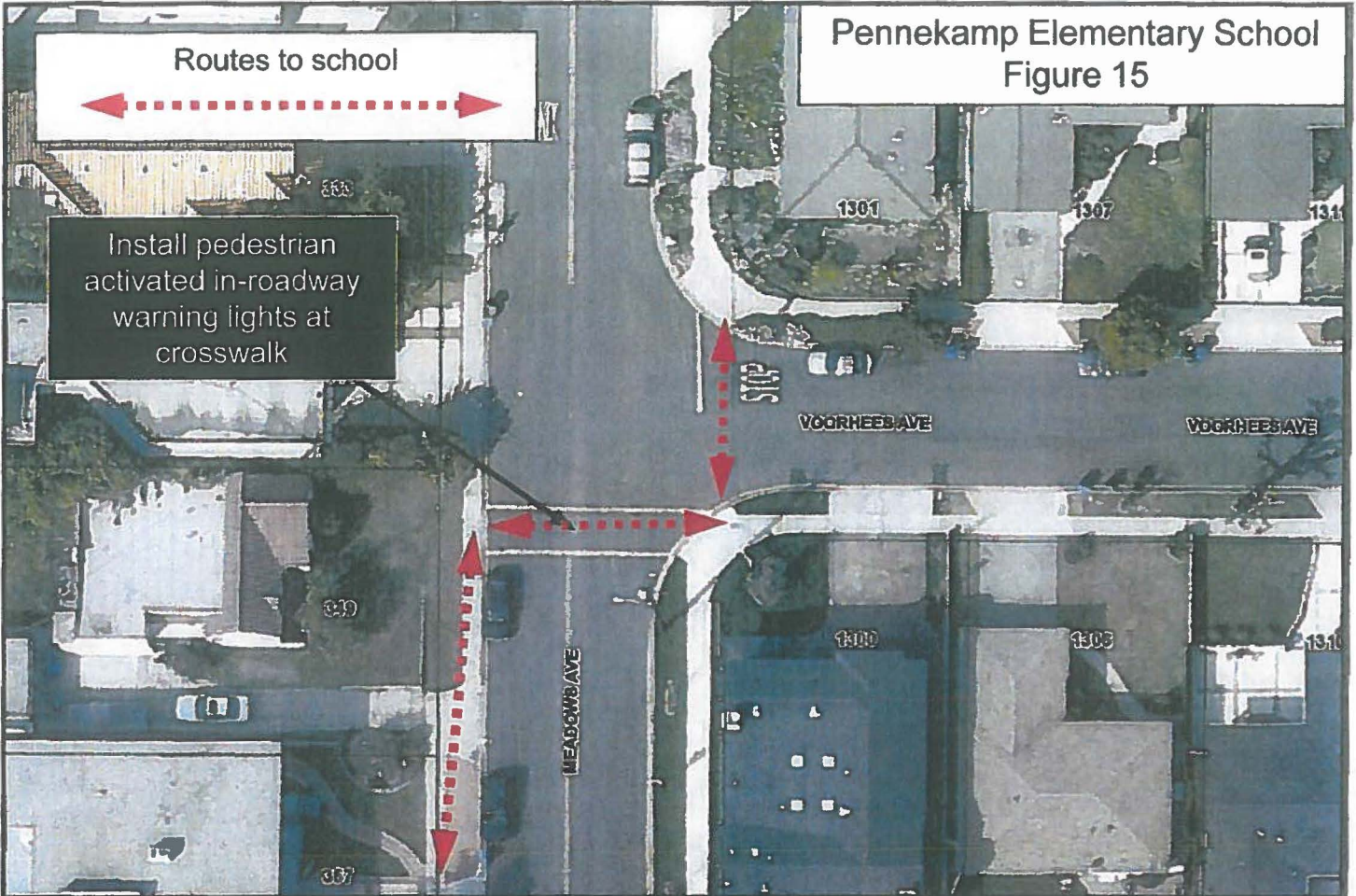


Pacific Elementary School
Figure 12

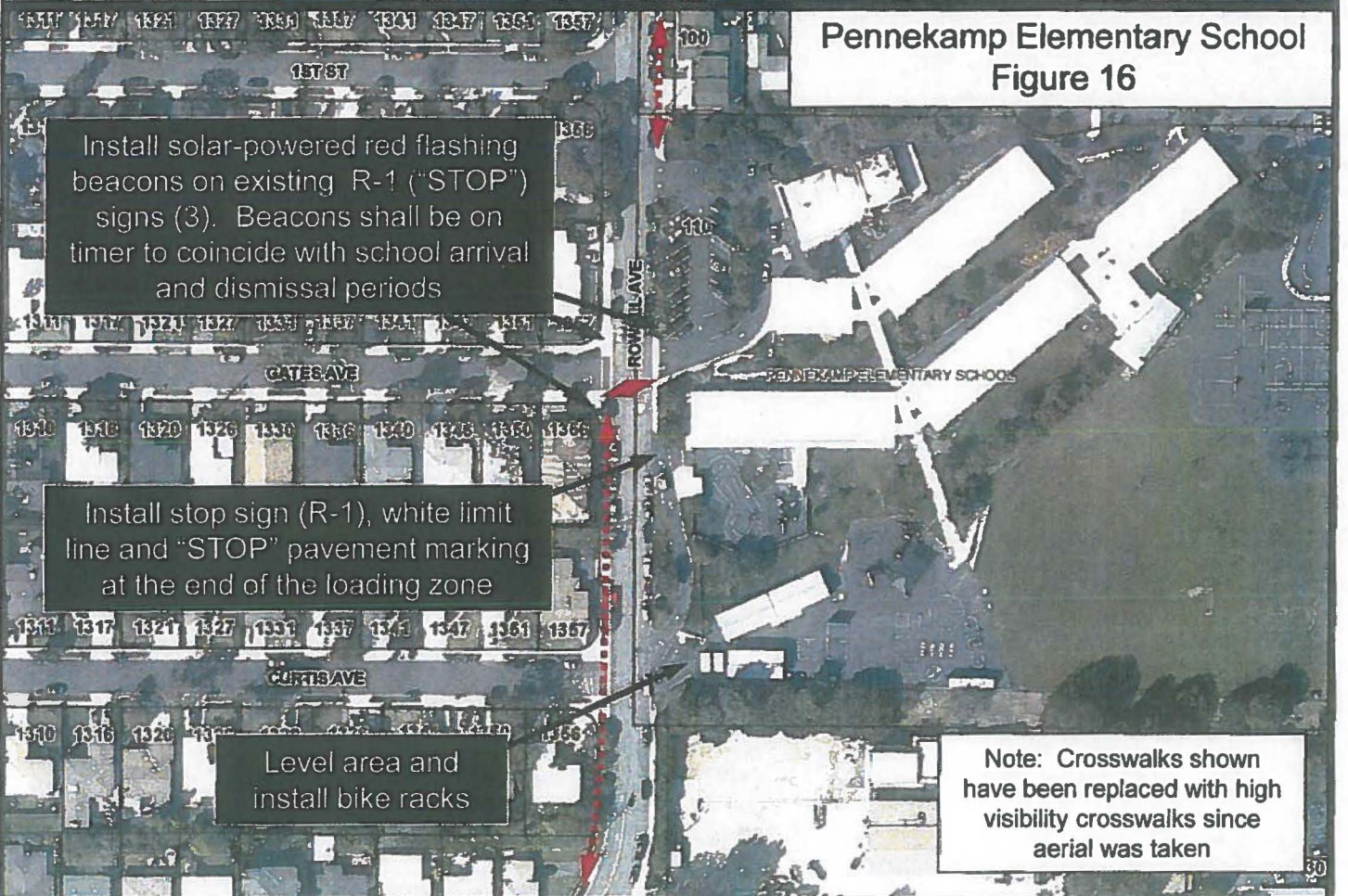




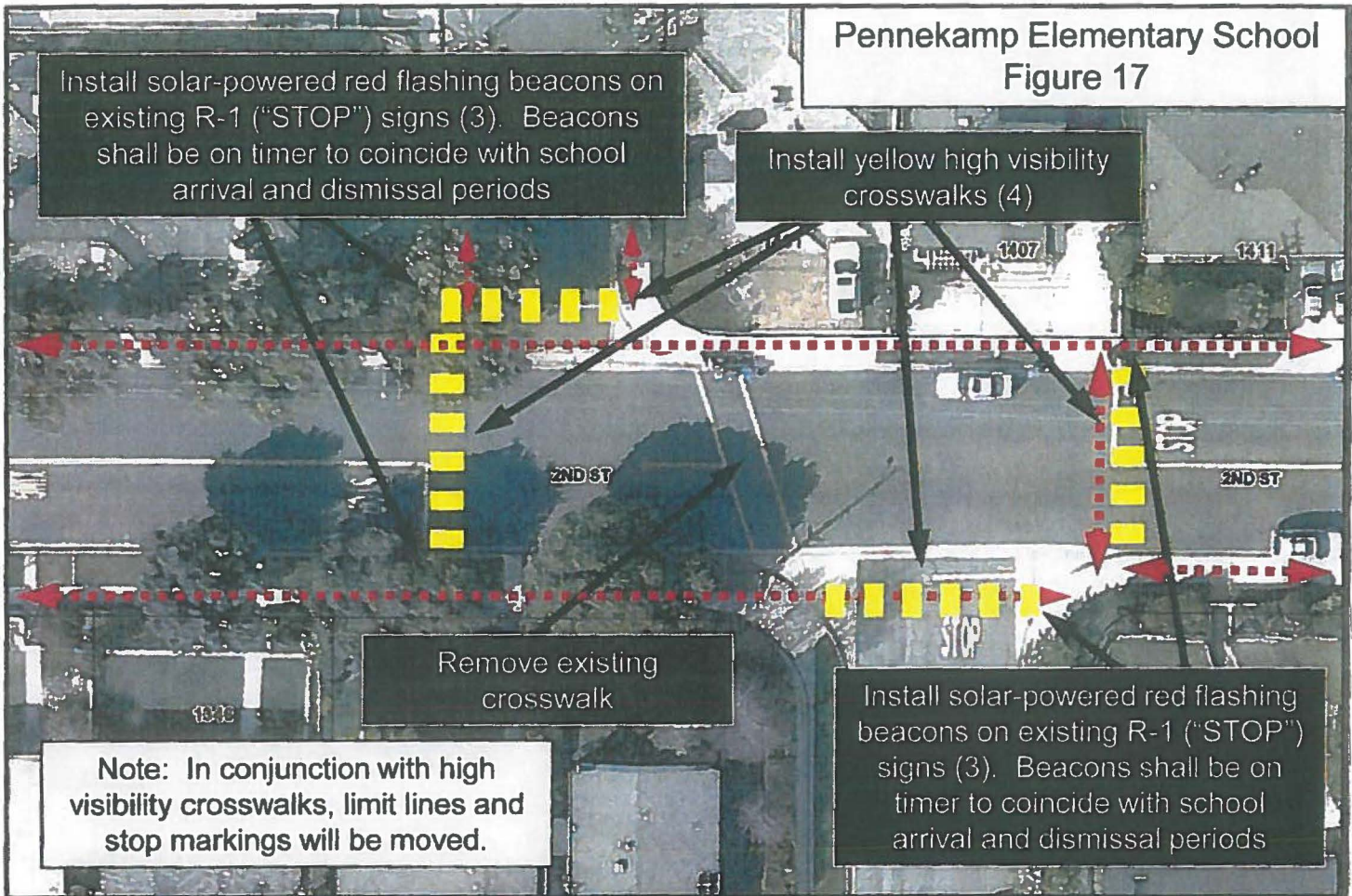
Pennekamp Elementary School
Figure 15



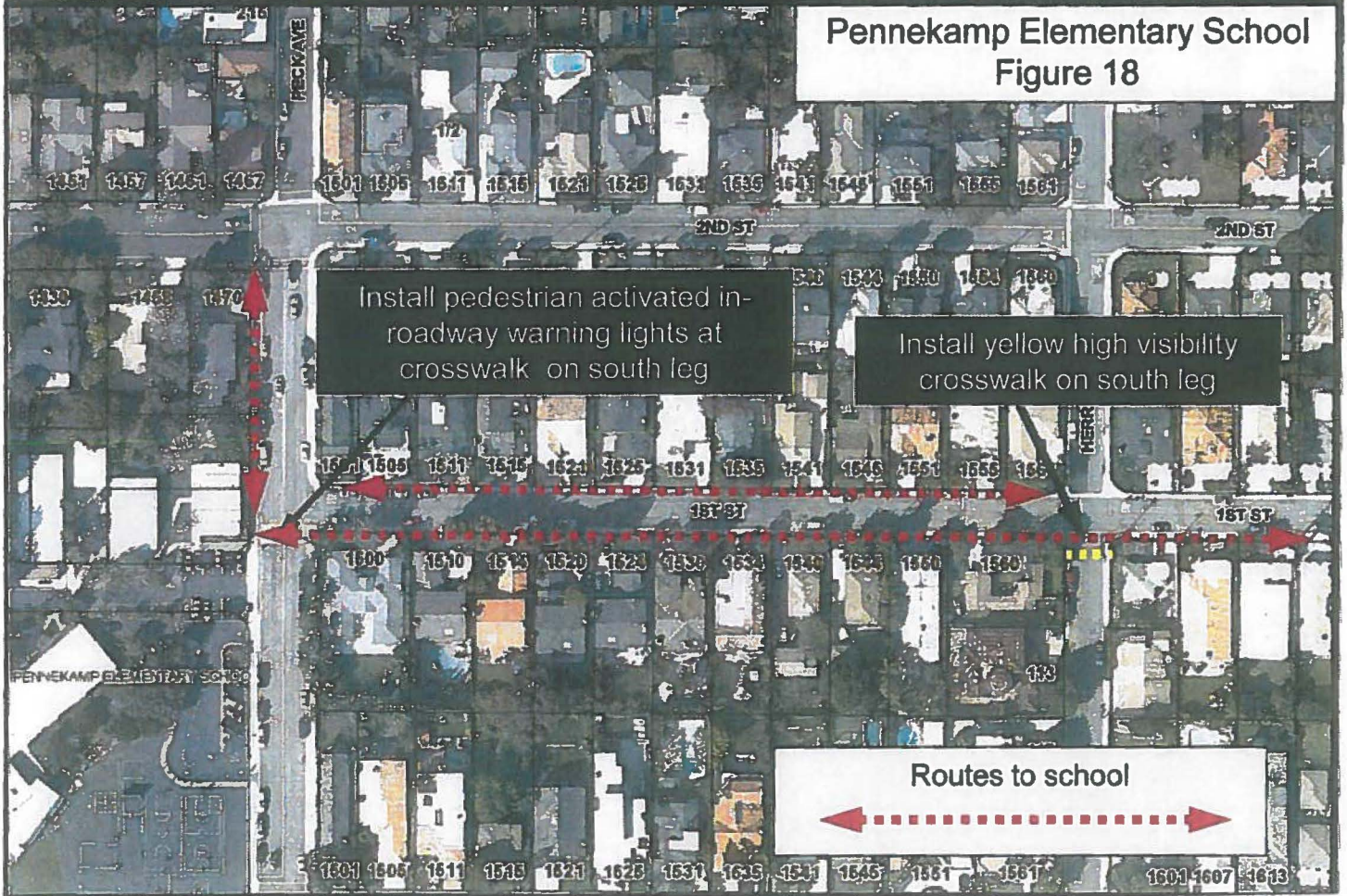
Pennekamp Elementary School
Figure 16



**Pennekamp Elementary School
Figure 17**



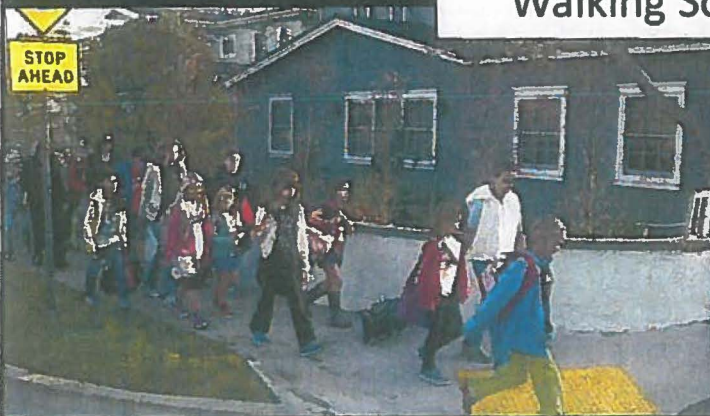
**Pennekamp Elementary School
Figure 18**



Robinson Elementary School
Figure 19



Walking School Buses



Detailed Engineer's Estimate For Construction Items Only

Agency: City of Manhattan Beach

Project Name: Manhattan Beach School Route/Crossing Improvement Project

Project Location: City of Manhattan Beach - Pennekamp, American Martyrs, Grand View, Meadows, MB Middle, Pacific and Robinson Schools

Date of Estimate: March 20, 2012

Prepared by: Jack Rydell

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Install Concrete Curb Extensions with New Gutter	500	SF	\$25.00	\$12,500
2	Drainage Modifications for curb extensions	1	LS	\$15,000.00	\$15,000
3	Furnish and install in-roadway warning light	6	EA	\$40,000.00	\$240,000
4	Furnish and install new Walking School Bus signs and posts ⁽¹⁾	50	EA	\$250.00	\$12,500
5	Furnish and install R9-3 and R9-3bP sign on new posts	2	EA	\$750.00	\$1,500
6	Furnish and install Flexible Delineators	40	EA	\$100.00	\$4,000
7	Install Thermoplastic High Visibility Yellow Crosswalk	10	EA	\$1,000.00	\$10,000
8	Remove existing and install new Thermoplastic white yield line	4	EA	\$500.00	\$2,000
9	Install White 4" Paint Striping	2,400	LF	\$1.00	\$2,400
10	Furnish and install Solar Powered Red Flashing Beacons with Timers	20	EA	\$1,000.00	\$20,000
11	Install Thermoplastic High Visibility White Crosswalk	1	EA	\$1,000.00	\$1,000
12	Construct Concrete pedestrian walkway	1,400	SF	\$15.00	\$21,000
13	Remove fencing	30	LF	\$100.00	\$3,000
14	Remove crosswalk	1	EA	\$250.00	\$250
				Subtotal:	\$345,150
				*Contingency:	\$34,515
				TOTAL:	\$379,665

(1) - xx signs for the City of Redondo Beach

* Up to 10% Contingency may be included in Engineer's Estimate

SAFE ROUTES TO SCHOOL APPLICATION

NON-INFRASTRUCTURE ACTIVITY WORKSHEET

Agency: City of Manhattan Beach

Project Name: Manhattan Beach School Route/Crossing Improvement Project

Project Location: Various streets adjacent to and in the vicinity of all Manhattan Beach Elementary and Middle Schools

Date: March 20, 2012

Prepared by: Nhung Madrid

Activity	Timeline	Responsible Party	Deliverable(s)
Education Activities			
Educate students and parents on safe walking and bicycling habits	9/12-6/13	School Administration, Teachers and PTA from Manhattan Beach Unified School District elementary and middle schools	Conduct school-run Assemblies and in-class instruction, prepare and send traffic safety plan literature home, create online safety information materials, conduct bicycle safety training
Educate students on safe walking and bicycling habits	9/12-6/13	Manhattan Beach Police Department	Make classroom presentations, attend cub scout events, assist in bike rodeos, prepare in-house videos on safety and provide to schools and attend PTA meetings
Educate school-area residents about school operations and safety issues	9/12-6/13	School Administration, Teachers and PTA from Manhattan Beach Unified School District elementary and middle schools and City staff	Written, verbal, electronic and personal communications to improve area-wide behaviors that affect safety
Encouragement Activities			
Organize, promote, and conduct Walk and Bike to School events at elementary and middle schools	9/12-6/13	School Administration, Teachers and PTA from Manhattan Beach Unified School District elementary and middle schools	Flyers, posters, school marquee announcements, newsletter announcements, and other material promoting Walk and Bike to School events. Purchase and award prizes for walking and bicycling competitions and weekly raffles
Promote Walking School Bus program at American Martyrs, Grand View, Robinson, Pacific, and Pennekamp Schools	9/12-6/13	Partnership between school Administration, Parents Coordinators, Vitality City Organization and City Staff	Continue to develop and add Walking School Bus routes for all of the participating schools. Promote program through school banners, email notifications, classroom competitions with weekly drawings. Develop adult assistance resources and identify associated infrastructure (walking school bus stops, signs, markings, etc.) components
Develop Park and Walk program as appropriate	9/12-6/13	School Administration, Teachers and PTA from Manhattan Beach Unified School District elementary and middle schools and City staff	Identify potential Park and Walk locations, develop adult assistance resources and identify associated infrastructure (signs, markings, etc.) components
Enforcement Activities			
Increased enforcement from Police Department (School Resource Officer)	9/12-6/13	Manhattan Beach Police Department	Train SRO's in radar enforcement ("train the trainer" – one SRO to be trained and they will train others). Purchase radar guns specifically for enforcement around schools; targeted enforcement during arrival and dismissal times
Evaluation Activities			
Perform audits of pedestrian and bicycle facilities on suggested routes to schools	9/12-6/13	School Administration, Teachers and PTA from Manhattan Beach Unified School District elementary and middle schools and City staff	Evaluation of conditions, identification of obstacles and deficiencies, reports on necessary modifications and development of future projects to enhance pedestrian and bicycle mobility and safety
Before and After studies in conjunction with project improvements	9/12-12/13	School Administration, Teachers and PTA from Manhattan Beach Unified School District elementary and middle schools and City staff	Develop required data for SR2S program. Identify additional improvements and modifications to existing engineering, educational, encouragement and enforcement efforts



**THE CITY OF
MANHATTAN BEACH**

Nicholas W. Tell, Jr.
Mayor

Wayne Powell
Mayor Pro Tem

David J. Lesser
Councilmember

Amy Howorth
Councilmember

Richard P. Montgomery
Councilmember

Tim Lilligren, C.P.A.
City Treasurer

City Hall
1400 Highland Ave.
Manhattan Beach
California 90266
(310) 802-5053
(310) 802-5051 (fax)
www.citymb.info

March 22, 2012

Kirk Cessna
Local Assistance Engineer
Caltrans District 7
100 S. Main St, #12-420
Los Angeles, CA 90012

Dear Mr. Cessna:

The City Council of Manhattan Beach strongly supports the proposed Manhattan Beach School Route/Crossing Improvement Project. This grant would allow the City to install a number of traffic/pedestrian safety enhancements that would greatly ensure the safety of our children as they walk or bicycle to and from school.

The safety of our children is one of our greatest concerns and these improvements, which include; installing in-roadway warning lights at school crosswalks, constructing curb extensions and pedestrian walkways, installing flashing beacons, installing crosswalks, signs and markings, improving pedestrian pathways and installing bike racks is a strong step in meeting this goal. These improvements will not only make our city safer for children to walk and bicycle to school, but is consistent with our vision of providing safe and comprehensive pedestrian and bicycle facilities throughout the City.

The City of Manhattan Beach staff has coordinated with the City's Police Department, representatives from the Manhattan Beach Unified School District, the Principals at all schools and community residents to develop a project that is supported by all. This Council commits its support to the project and will use its authority to assist in implementing the project. We respectfully request that this Safe Routes to School grant application be approved to install these important traffic safety improvements throughout our City and provide funding for related education, encouragement, enforcement and evaluation activities.

Sincerely,


Nicholas W. Tell, Jr.
Mayor

March 23, 2012

Mr. Kirk Cessna
Local Assistance Engineer
Caltrans District 7
100 S. Main St, #12-420
Los Angeles, CA 90012

Dear Mr. Cessna:

As the Principals of Grand View Elementary, Manhattan Beach Middle, Meadows Elementary, Pacific Elementary, Pennekamp Elementary, Robinson Elementary, and American Martyrs Schools, we would like to state our support for the Manhattan Beach School Route/Crossing Improvement Project. This project, which proposes to install many improvements throughout the City of Manhattan Beach, will create a much safer environment for our students to walk and bike to school. The recommendations, which include installing in-roadway warning lights at school crosswalks, constructing curb extensions and pedestrian walkways, installing flashing beacons, installing crosswalks, signs and markings, improving pedestrian pathways and installing bike racks will address existing situations that discourage many parents from allowing their children to walk or bike to school. This project would significantly improve conditions around our schools.

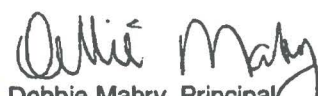
The individual items in this project were identified by asking our parents about their specific concerns and what they would like to see done to fix problem locations. It also represents our best recommendations on solutions to ongoing concerns. Since the project was developed by working closely with the City of Manhattan Beach and includes many schools, we are convinced that it will help provide comprehensive, citywide improvements to serious safety issues.

Manhattan Beach schools are already actively involved in a variety of educational and encouragement programs to get students to walk and bicycle to school. We also provide a number of educational safety programs to teach children the proper ways to walk and bicycle. However our resources are very limited and we would like to do more. Since this project also requests funds to improve and increase these programs, we commit our support and the resources under our supervision to help in implementing and maintaining this project. We also commit to continue the close coordination developed with the City of Manhattan Beach to sustain our walking and bicycling efforts and identify additional improvements for future projects.

Sincerely,

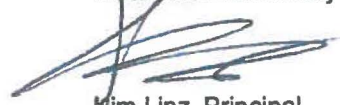

Rhonda Steinberg, Principal
Grand View Elementary School

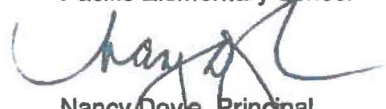

John Jackson, Principal
Manhattan Beach Middle School


Debbie Mabry, Principal
Pennekamp Elementary School


Camryn Connelly, Principal
American Martyrs School


Connie Harrington, Principal
Meadows Elementary School


Kim Linz, Principal
Pacific Elementary School


Nancy Doyle, Principal
Robinson Elementary School



Presented by Beach Cities Health District

March 20, 2012

Kirk Cessna
Local Assistance Engineer
Caltrans District 7
100 S. Main St, #12-420
Los Angeles, CA 90012

Dear Mr. Cessna,

Healthways | Blue Zones™ Vitality City is a community-wide well-being improvement initiative to create healthier, happier and more productive citizens. It uses permanent, evidence-based environmental and policy changes to help people adopt and maintain healthier lifestyles. It aims to make the cities of Manhattan Beach, Hermosa Beach and Redondo Beach (the Beach Cities) more walkable, bikable, healthy and socially engaged. One of the exciting strategies being implemented in Manhattan Beach public and parochial elementary schools are Walking School Bus programs. To date, five schools have launched programs to encourage students and parents to walk to school – rain or shine.

Using Safe Routes to School tools and resources, a multi-sector planning committee was formed in May 2011 to support schools from across the Beach Cities, including Manhattan Beach, to develop, implement and sustain programs using school/parent volunteers. The model uses at least two screened and trained adult volunteers who pick-up walkers along pre-determined routes at “bus stops” and deliver them safely to school.

City staff including traffic engineers and the police department participated in the walking route audits, kick-off events, creating and prioritizing street improvement plans, and identifying a unifying logo and signage. Other organizations such as our local South Bay Bicycle Coalition and Beach Cities Cycling Club were also partners on the planning committee to help advocate for safe routes, assess cycling as a next step and begun offering bicycling education workshops to school and community groups.

Through our involvement in and support of the Walking School Bus strategy Healthways | Blue Zones™ Vitality City strongly recommends the City of Manhattan Beach and its partner Manhattan Beach Unified School District for a SR2S grant. It would greatly enhance and support the continuation of these Walking School Bus programs throughout Manhattan Beach. Illustrated in this application is the multi-jurisdictional commitment of our three cities. This is a joint application that includes a request to fund universal route signs for 10 schools across our three cities. The City of Manhattan Beach has been an innovative and cooperative partner and they would be a very responsible steward of these grant dollars.

Sincerely,

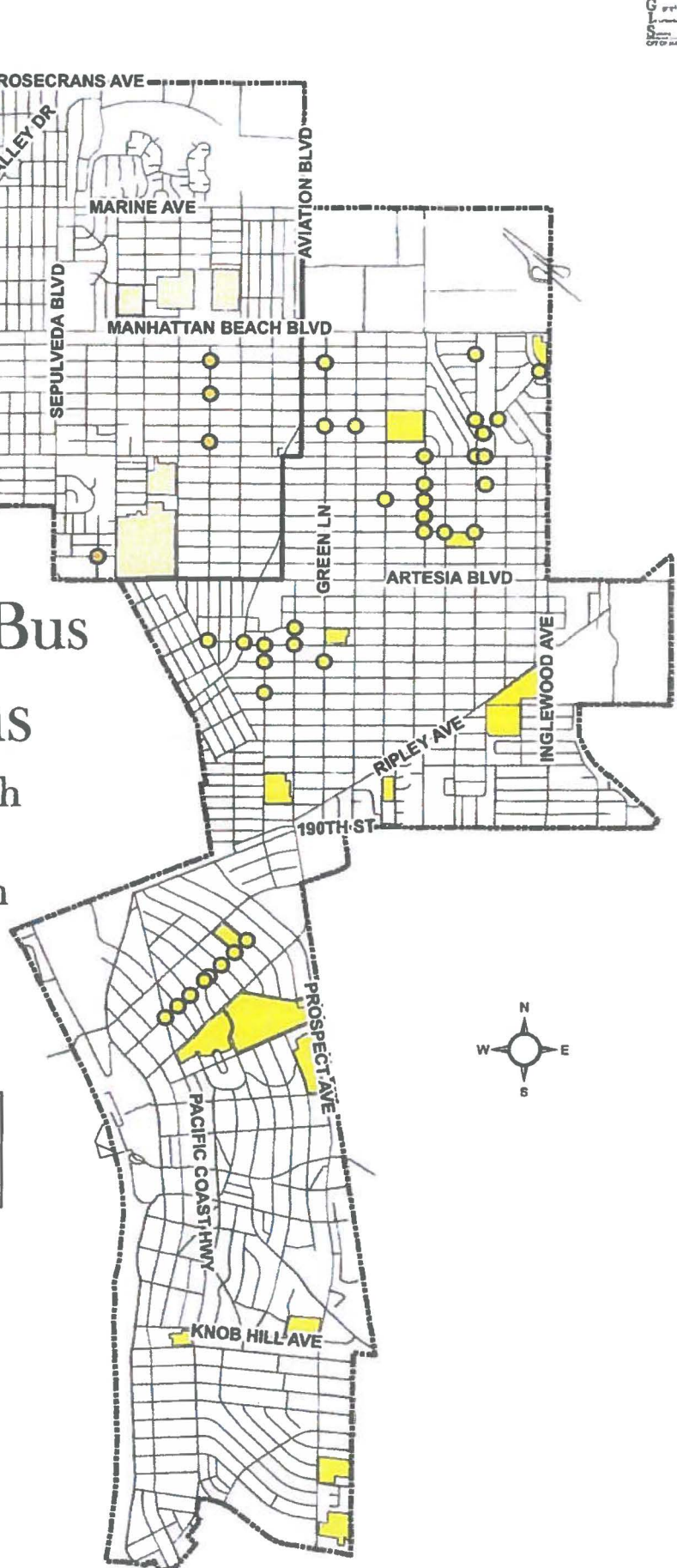
A handwritten signature in black ink, reading "Lauren Nakano".

Lauren Nakano
Director, Beach Cities Blue Zones | Vitality City

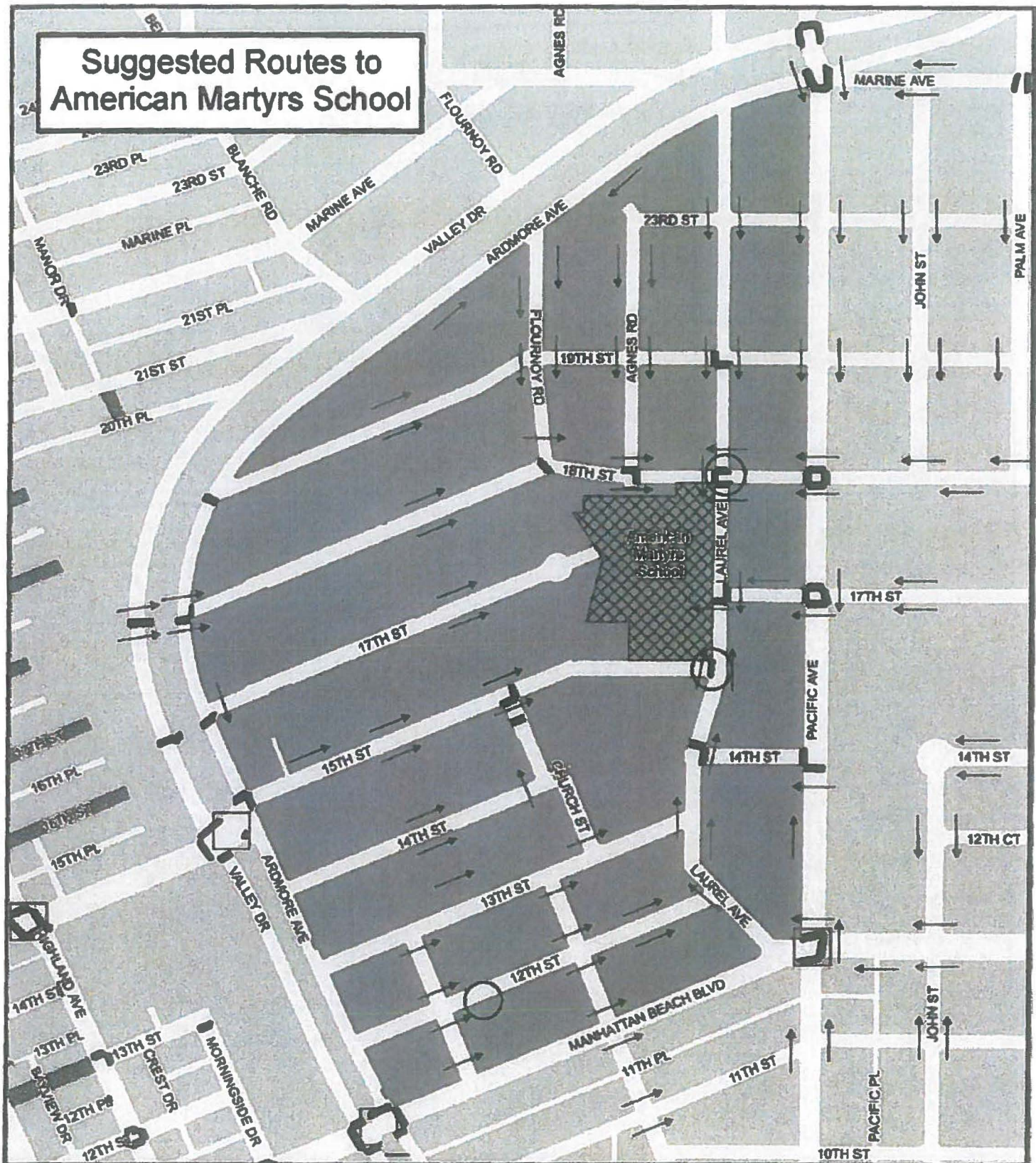
Walking School Bus Sign Locations

City of Manhattan Beach
&
City of Redondo Beach

-  Manhattan Beach Signs (13)
-  Redondo Beach Signs (35)



Suggested Routes to American Martyrs School



Legend

-  Robinson School
-  Traffic Signals
-  Crossing Guard
-  Crosswalks
-  Suggested Route

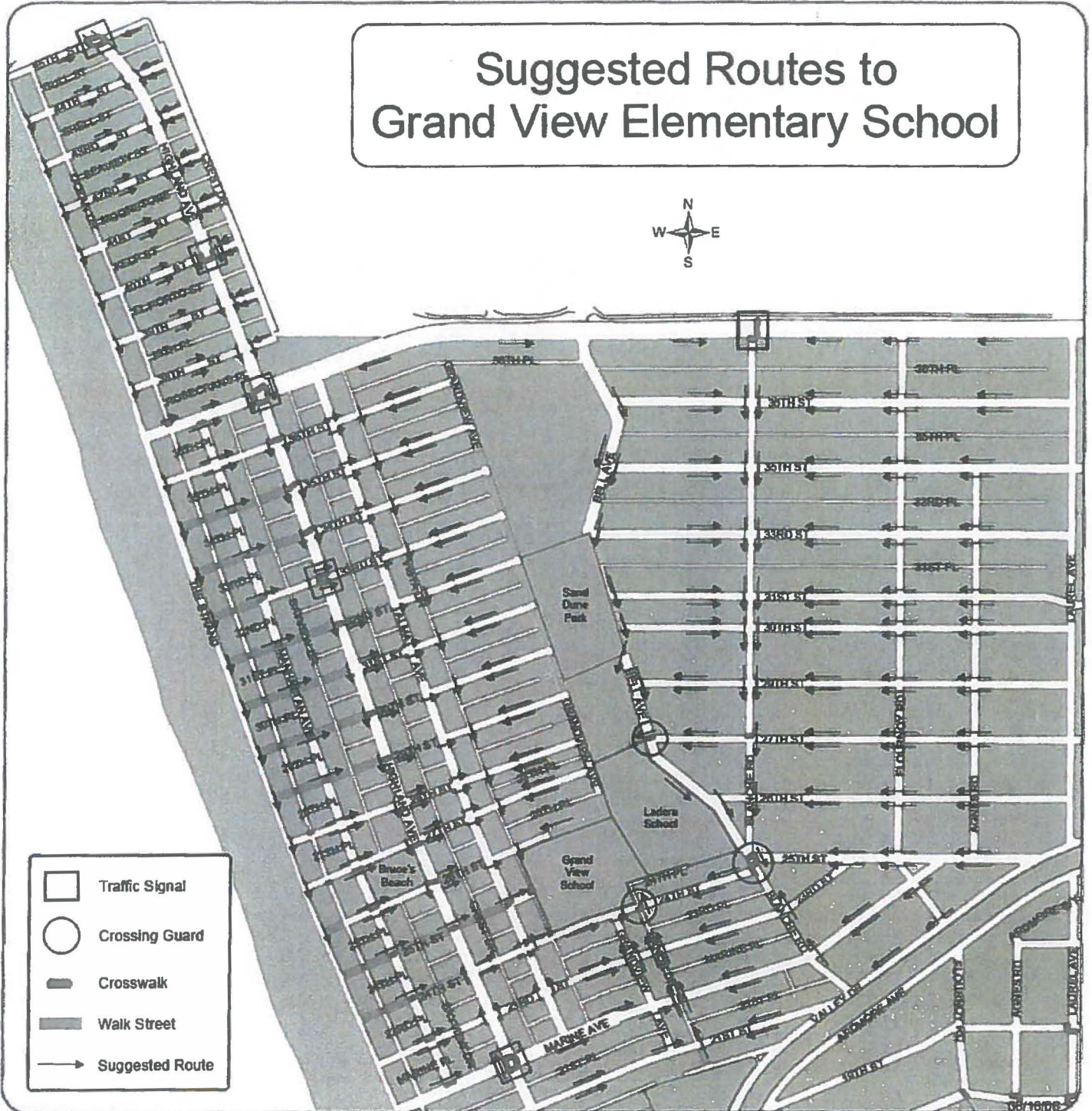


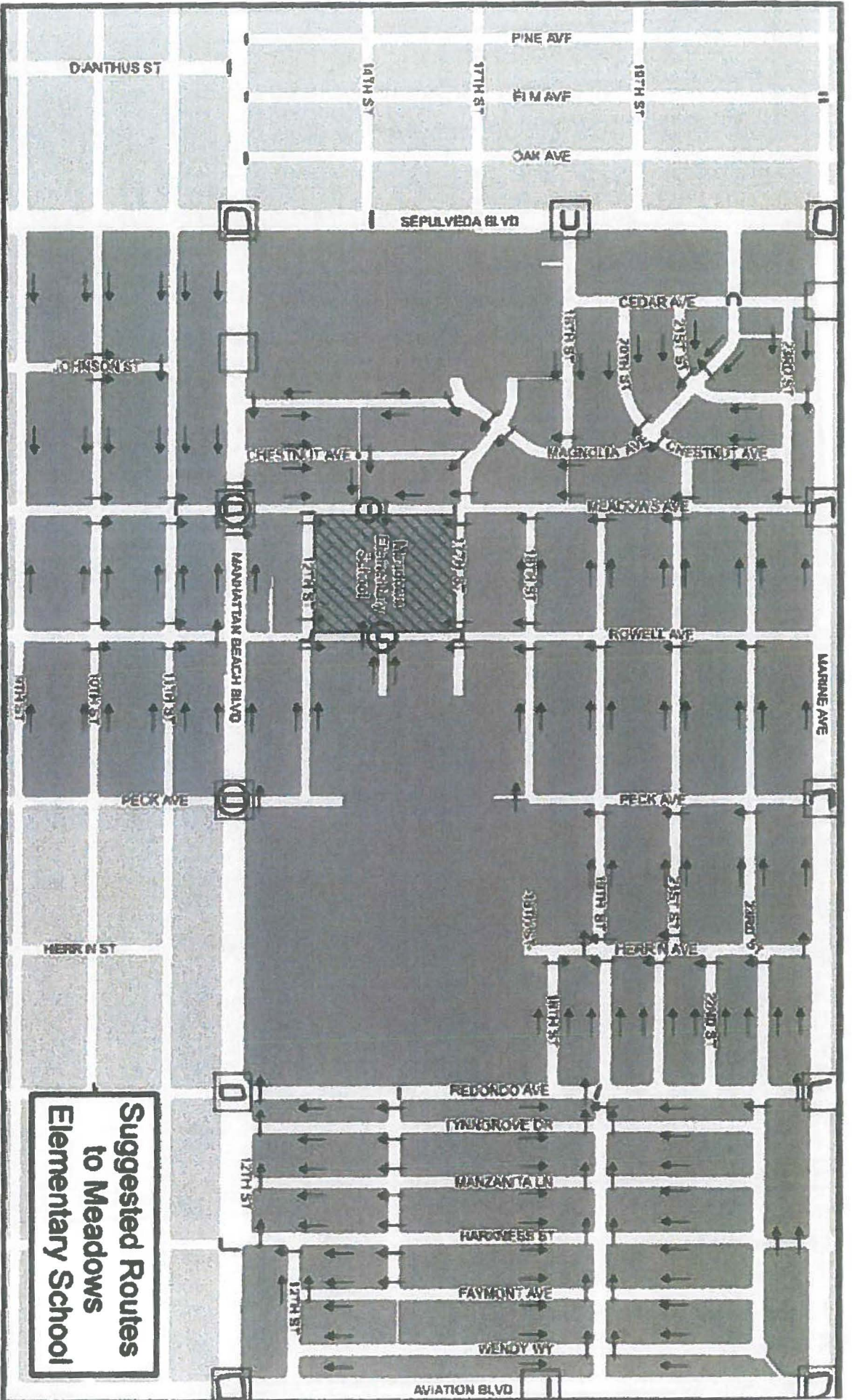
City of Manhattan Beach

Suggested Routes to Grand View Elementary School



-  Traffic Signal
-  Crossing Guard
-  Crosswalk
-  Walk Street
-  Suggested Route





Legend

- Robtson School
- Traffic Signals
- Crossing Guard
- Crosswalks
- Suggested Route



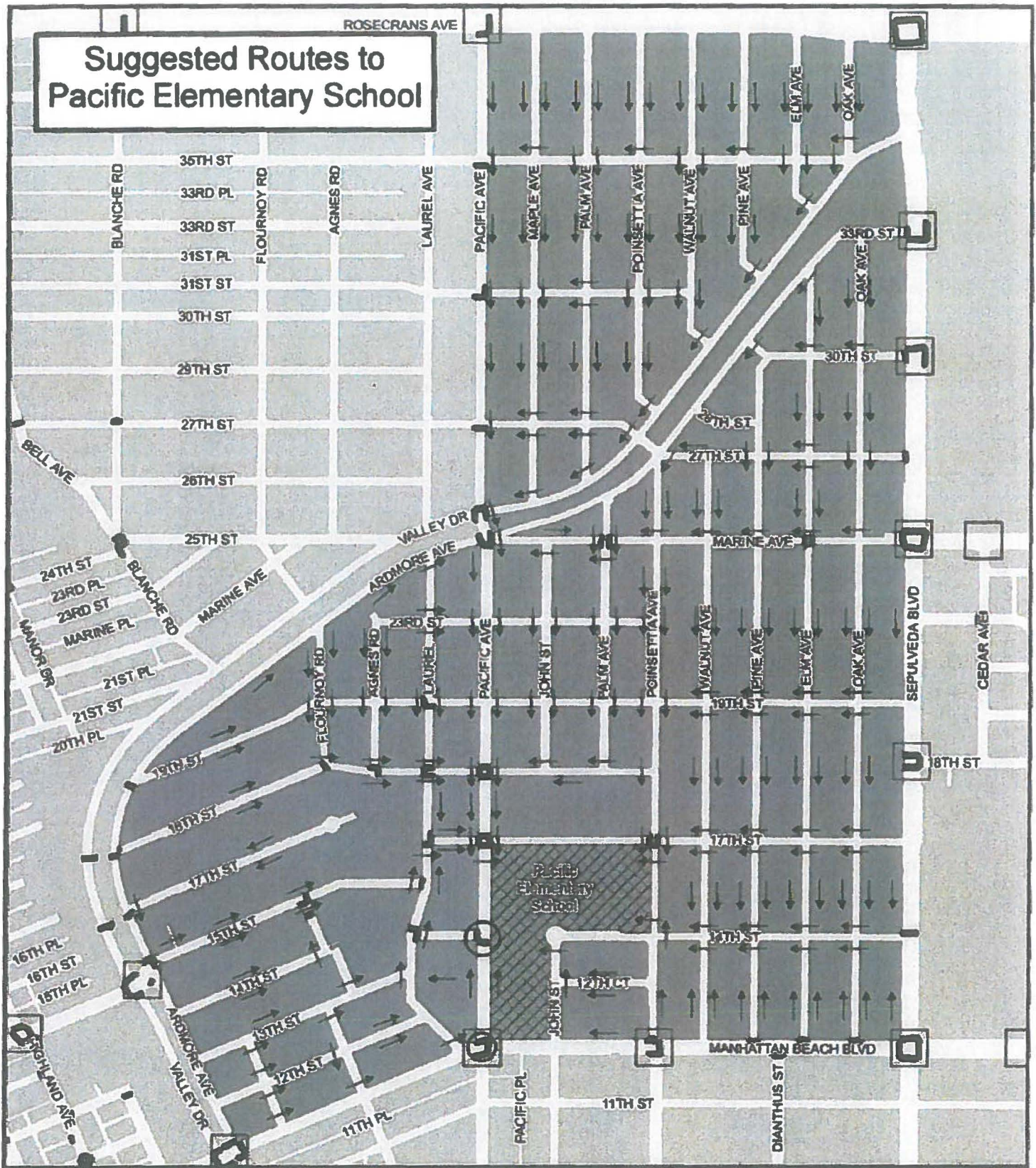
0 250 500 1,000
Feet

**Suggested Routes
to Meadows
Elementary School**



City of Manhattan Beach

Suggested Routes to Pacific Elementary School



Legend

- Robinson School
- Traffic Signals
- Crossing Guard
- Crosswalks
- Suggested Route

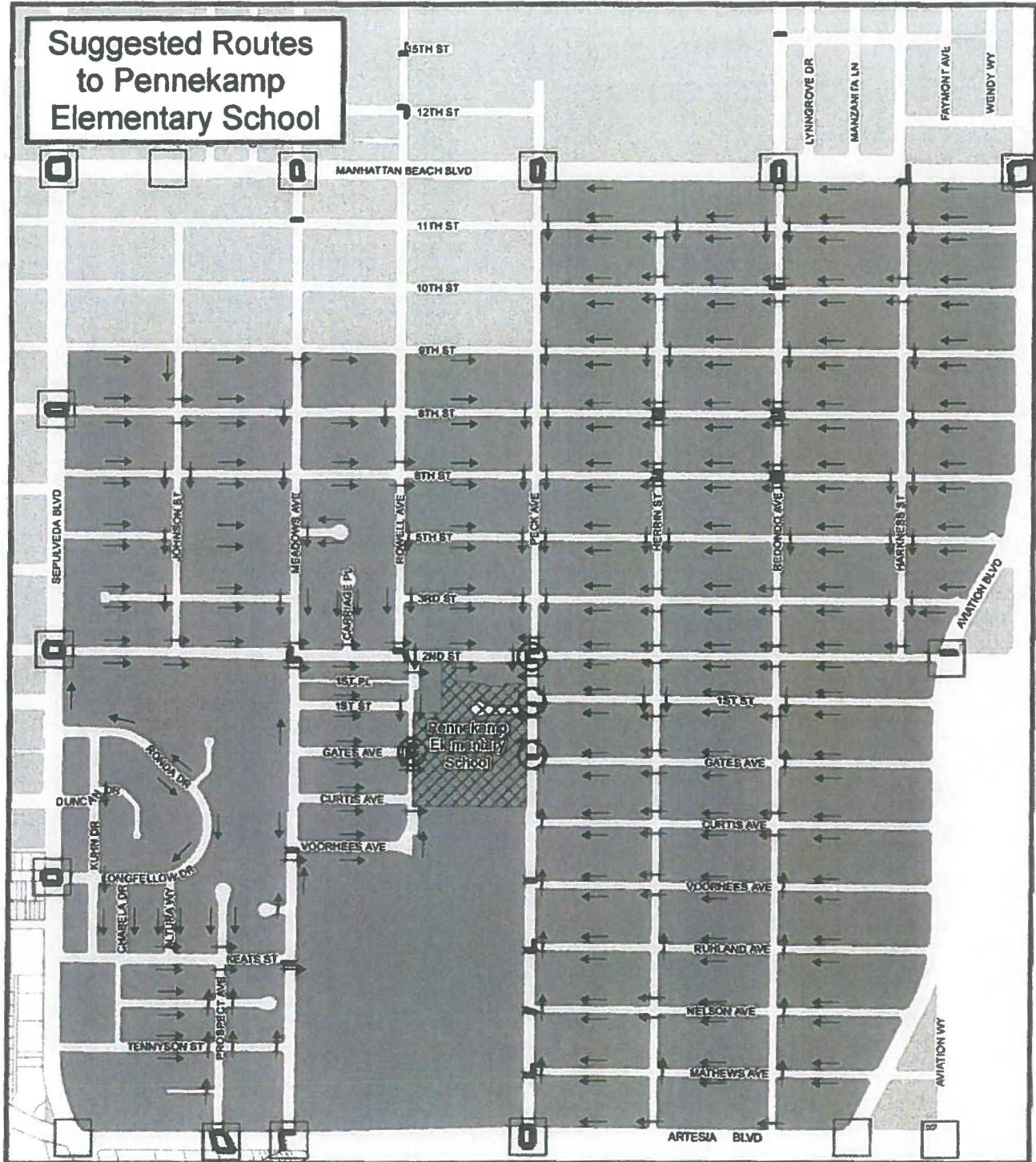


0 350 700 1,400 Feet



City of Manhattan Beach

Suggested Routes to Pennekamp Elementary School



Legend

- Robinson School
- Traffic Signals
- Crossing Guard
- Crosswalks
- Suggested Route

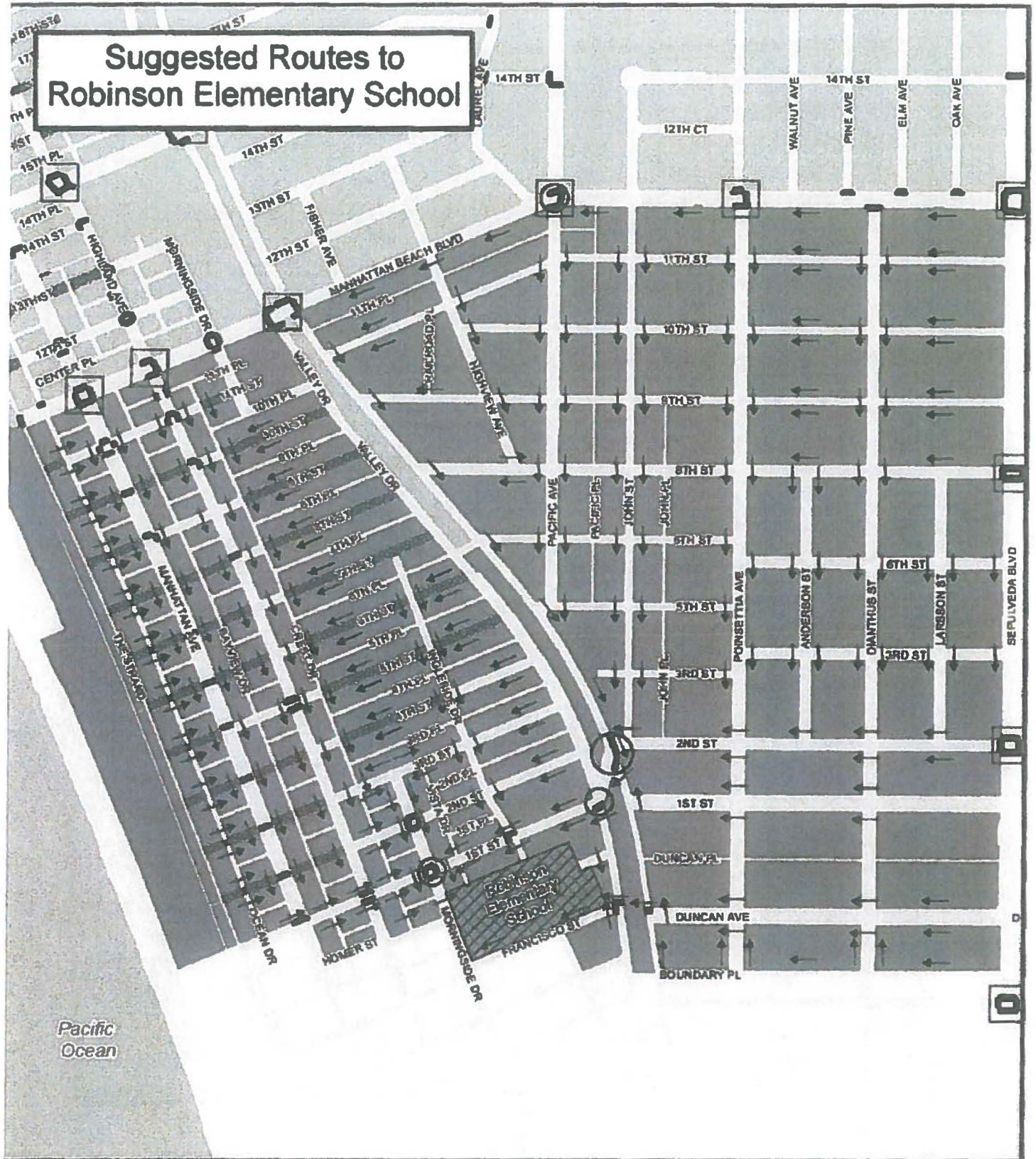


0 325 650 1,300 Feet



City of Manhattan Beach

Suggested Routes to Robinson Elementary School



Legend

- Robinson School
- Traffic Signals
- Crossing Guard
- Walkstreets
- Crosswalks
- Suggested Route



0 380 760 1,520 Feet



City of Manhattan Beach