



# Staff Report

## City of Manhattan Beach

**TO:** Honorable Mayor Montgomery and Members of the City Council

**THROUGH:** David N. Carmany, City Manager

**FROM:** Jim Arndt, Director of Public Works  
 Steve Finton, City Engineer  
 Ismael Medrano, Project Manager

**DATE:** June 21, 2011

**SUBJECT:** Consideration to Authorize the City Manager to Approve Change Order No. 1 in the amount of \$22,490.00 to Expand the Scope of Work for the Safe Routes to School Reflective Signs and Crosswalk Replacement Grant Project

**RECOMMENDATION:**

Staff recommends that the City Council approve the revised plans and authorize the City Manager and to execute Change Order No. 1 to the existing construction contract with J&S Striping in the amount of \$22,490.00 to install additional school area signs and pavement markings as part of the School Area Reflective Signs and Crosswalk Replacement Grant Project.

**FISCAL IMPLICATION:**

The City succeeded in securing a Safe Routes to School Funds (SR2S) grant through the 2009 SR2S statewide competition. The grant will reimburse 90% of eligible projects costs up to \$735,930. The 10% match in the amount of \$81,774 was appropriated by City Council on November 17, 2009 from CIP Funds.

	State Grant (SR2S) Grant Fund (90%)	Local Match CIP Fund (10%) <i>CIP 10846E</i>	Total
<b>BUDGET</b>	\$735,930.00	\$81,774.00	<b>\$817,704.00</b>
<b>PREVIOUS EXPENDITURES</b>			
Count Down Traffic Signal Pedestrian Heads	\$19,706.40	\$2,189.60	<b>\$21,896.00</b>
Available Budget Total	\$716,223.60	\$79,584.40	<b>\$795,808.00</b>
<b>ANTICIPATED EXPENDITURES</b>			
Original Construction Contract with J&S Striping	\$82,435.50	\$9,159.50	<b>\$91,595.00</b>
10% Contingency	\$8,244.00	\$916.00	<b>\$9,159.00</b>
Recommended Change Order No. 1	\$20,241.00	\$2,249.00	<b>\$22,490.00</b>
Total Anticipated Expenditures	\$110,920.50	\$12,324.50	<b>\$123,244.00</b>
Balance after completion of contract	\$605,303.10	\$67,259.90	<b>\$672,564.00</b>

**BACKGROUND:**

In 1999, California legislated a Safe Routes to School Program (SR2S) through passage of Assembly Bill (AB) 1475. In 2007, AB 57 extended the program. State Code requires that Caltrans and the California Highway Patrol (CHP) make grants available to local agencies to improve safety conditions for school children walking or biking to school.

In April 2009, the City submitted an application for funding under Cycle 8 of the Safe Routes to School Program (SR2S). In August 2009, the State informed the City that the City’s application was one of 106 applications approved out of 455 applications submitted. Authorization to expend the funds was provided by the State on May 11, 2010 and City Council approved grant agreements for the project on July 6, 2010.

The grant addresses pedestrian improvements in the vicinity of the following schools:

1. Meadows Elementary School
2. Grandview Elementary School
3. Pennekamp Elementary School
4. Manhattan Beach Middle School
5. Mira Costa High School
6. Pacific Elementary School
7. American Martyrs School
8. Robinson Elementary School

The grant scope includes the following improvements in the vicinity of each school:

Work	Status
Count-down traffic signal pedestrian heads	Completed in Summer 2010
School area reflective signs and crosswalk replacements	Contract awarded on May 3, 2011. Change order approval recommended through this City Council action
Curb ramps	Construction scheduled for Fall 2011

At its May 3, 2011 meeting, City Council passed a motion to:

1. Approve the plans and specifications for the Safe Routes to School Reflective Signs and Crosswalk Replacement Project;
2. Authorize the City Manager to award a contract to J&S Striping Co., Inc. in the amount of \$91,595.00 for the School Reflective Signs and Crosswalk Replacement Project; and
3. Authorize the City Manager to approve additional work in an amount not-to-exceed \$9,160 (10%), if required.

**DISCUSSION:**

Change Order for Expanded Scope of Work

The current contract with J&S Striping includes work in the format included in the original SR2S grant application. The City Traffic Engineer recommends that additional signs and markings be installed to enhance the protection of school children walking to school as shown in Attachment 1. The additional work would be performed at existing contract unit prices. The additional work is as shown below:

	Original Contract Quantity	Recommended Change Order (Additional Quantity)	Change Order Cost
Ladder Crosswalks	68	5	\$3,975
“Slow School Xing” Pavement Legend	5	10	\$6,600
Remove existing sign and install new sign on existing post	29	29	\$8,555
Install new sign, post and footing	54	8	\$3,360
Total Change Order No. 1 Cost			\$22,490

State grant staff have been consulted and indicate that the additional work is an eligible expense reimbursable through the grant.

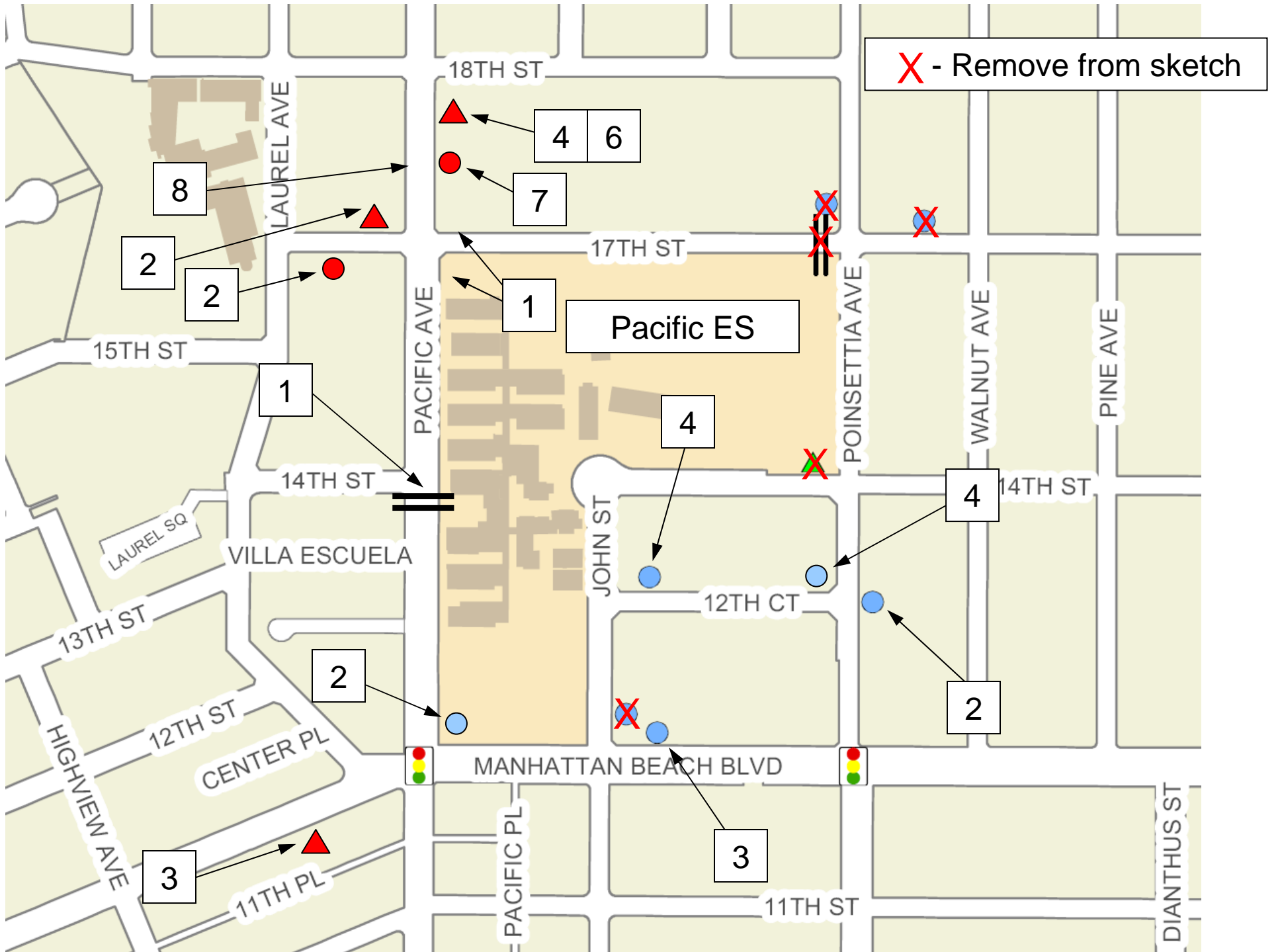
Attachments:

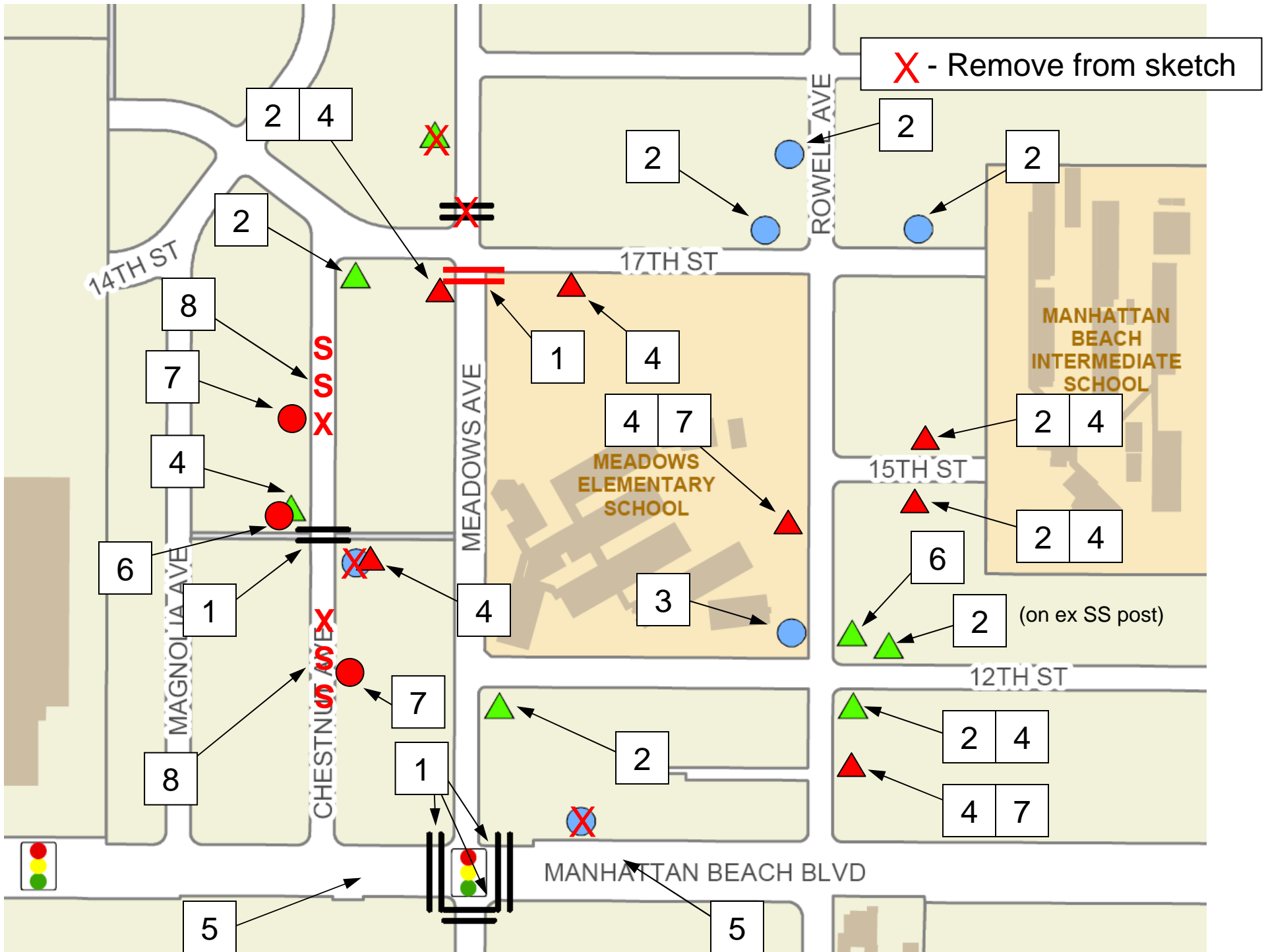
1. Revised Plans
2. Change Order No. 1

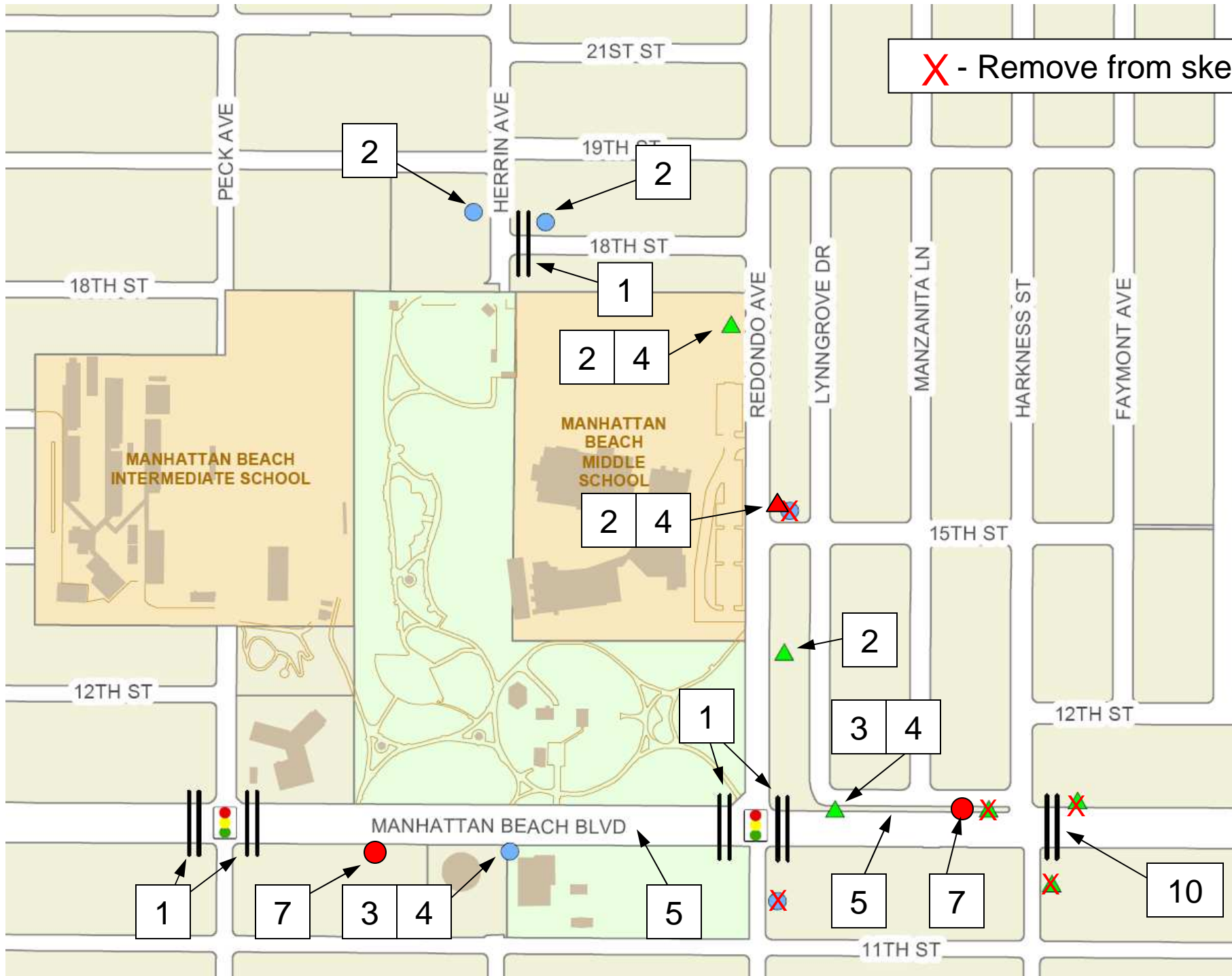
xc: Henry Mitzner, Controller  
 Jeanne D. O’Brien, Accountant  
 Juan Price, Maintenance Superintendent

- 1 Install thermoplastic yellow continental crosswalk
- 2 Install FYG Assembly A
- 3 Install FYG Assembly C
- 4 Remove existing sign
- 5 Remove existing "SCHOOL XING"/"SLOW SCHOOL XING" marking
- 6 Install FYG Assembly B
- 7 Install FYG Assembly D
- 8 Install "SLOW SCHOOL XING" marking
- 9 Install FYG W16-9P
- 10 Install thermoplastic white continental crosswalk
- 11 Install FYG S1-1









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2

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2 4

2 4

2

3 4

1

1

7

3

4

5

5

7

10

MANHATTAN BEACH INTERMEDIATE SCHOOL

MANHATTAN BEACH MIDDLE SCHOOL

MANHATTAN BEACH BLVD

21ST ST

19TH ST

18TH ST

18TH ST

15TH ST

12TH ST

12TH ST

11TH ST

PECK AVE

HERRIN AVE

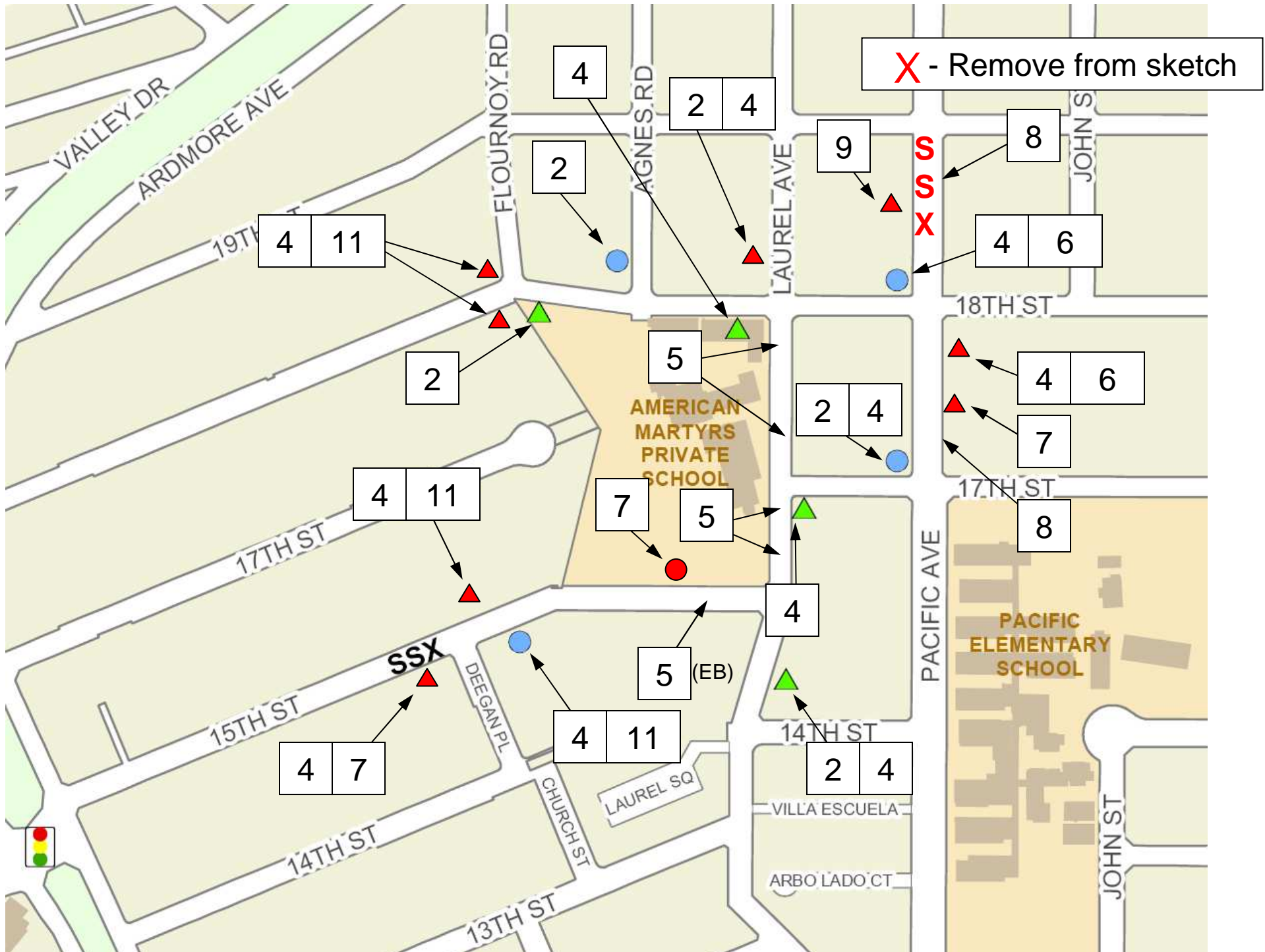
REDONDO AVE

LYNNGROVE DR

MANZANITA LN

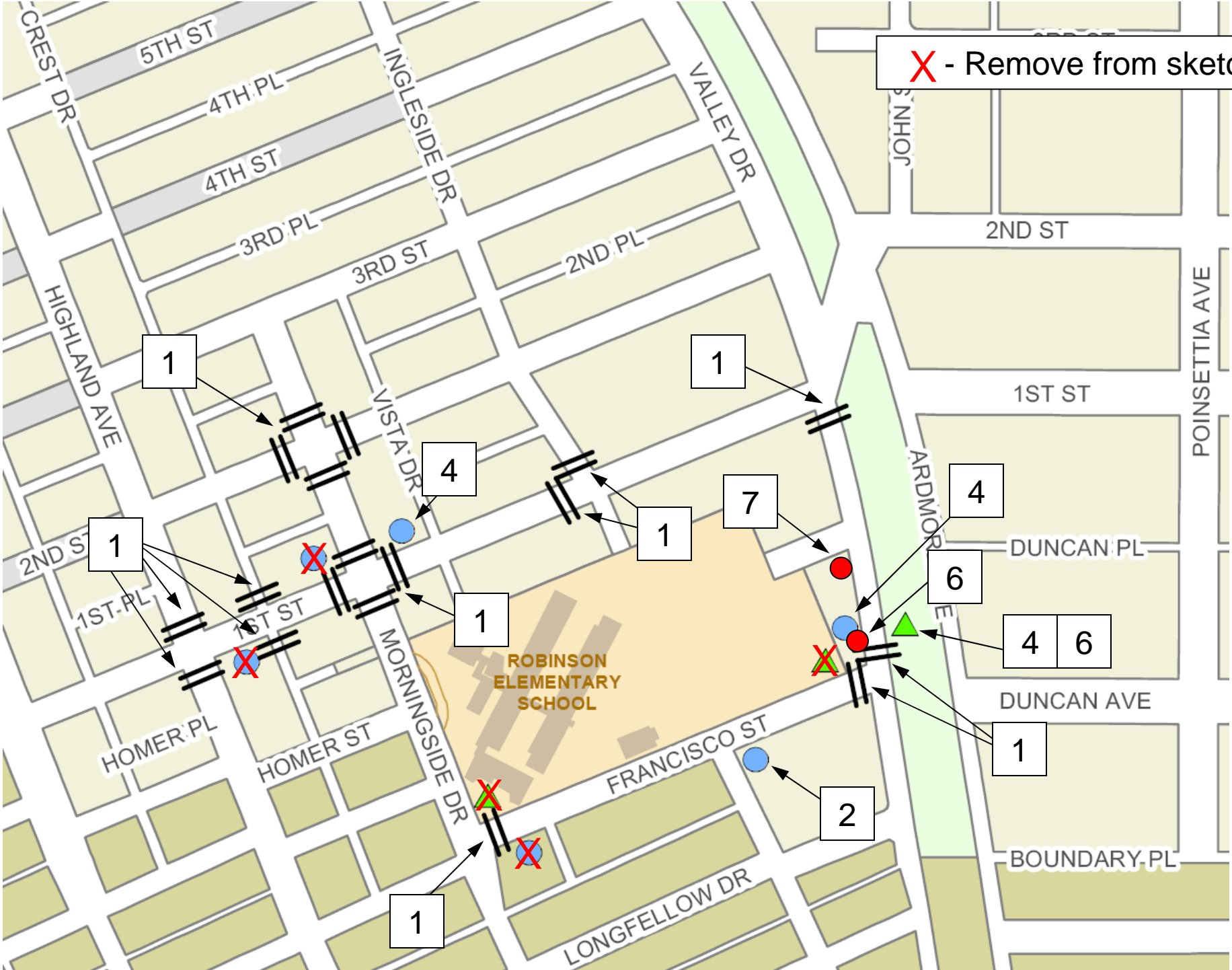
HARKNESS ST

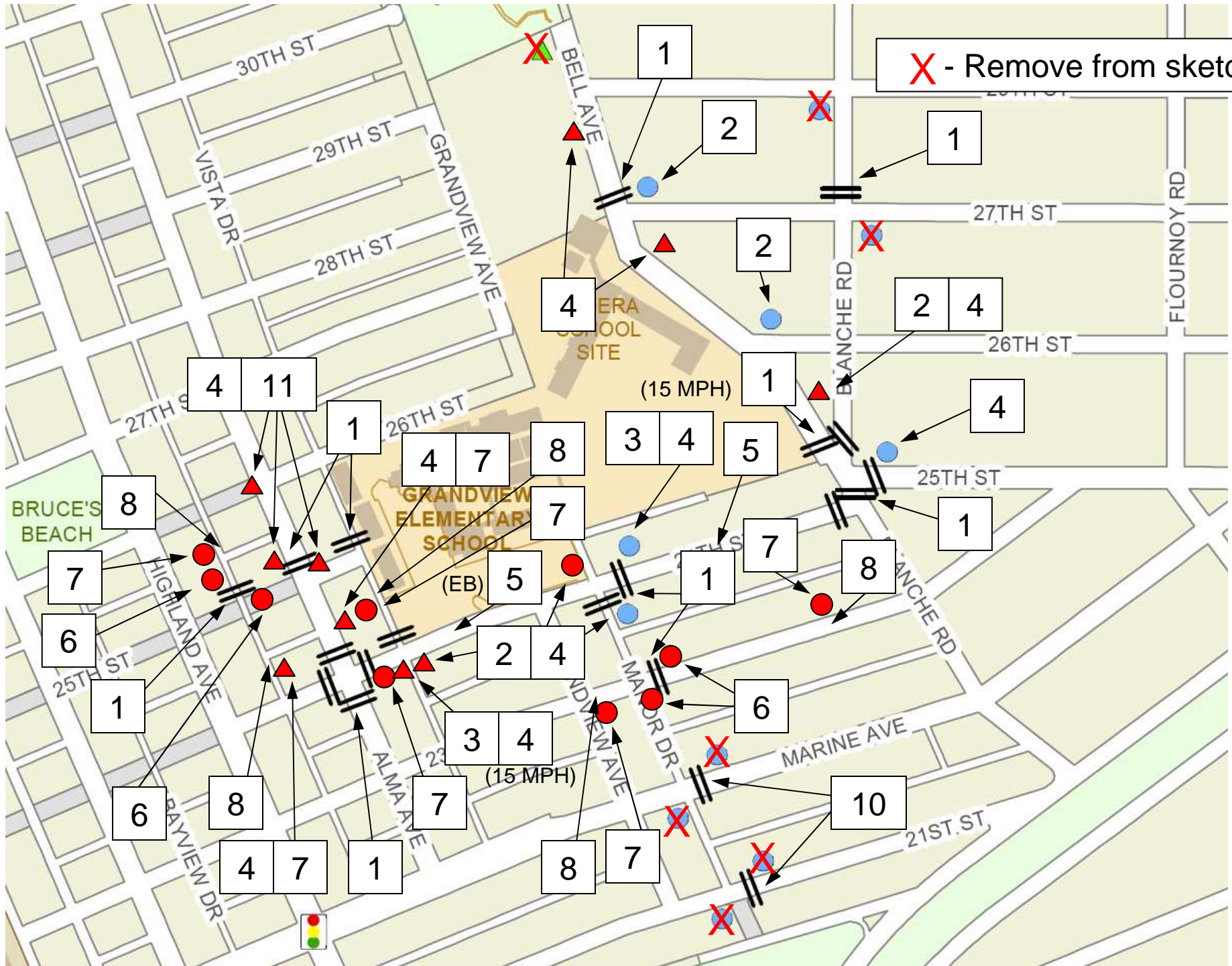
FAYMONT AVE



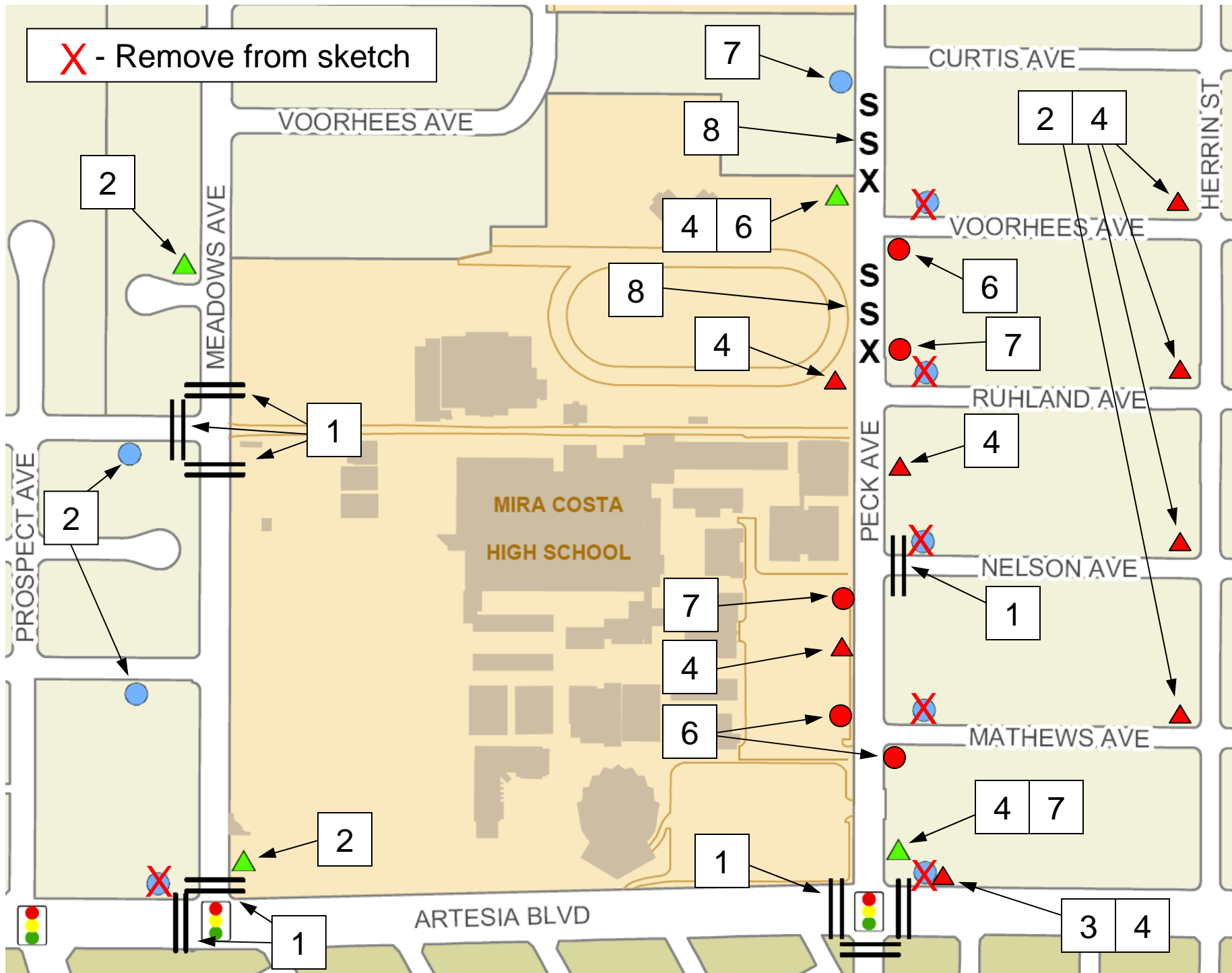


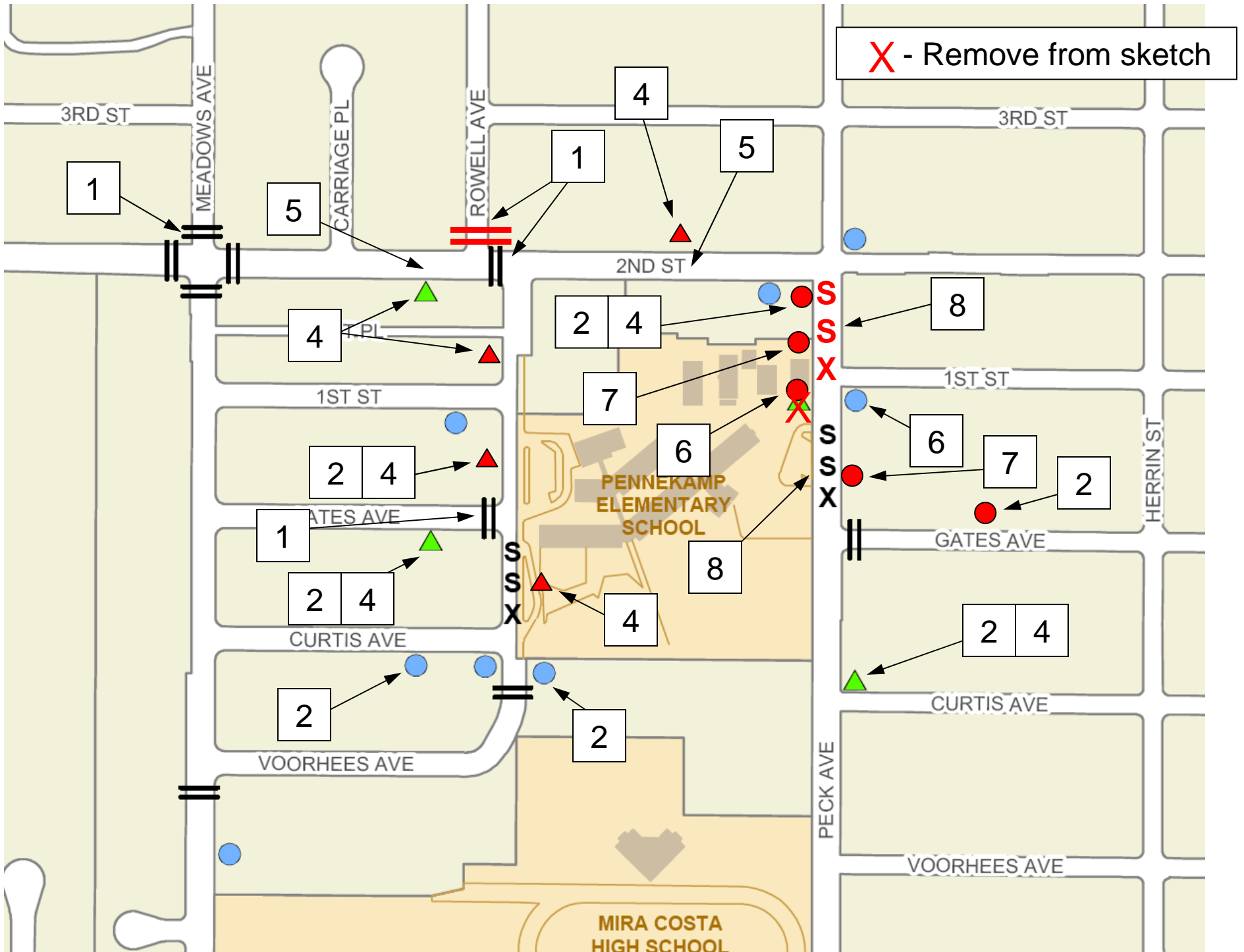
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City of Manhattan Beach, Public Works Department

**CHANGE ORDER**

FED. NO.: na

PERMIT NO.:na	PLAN NO.(S): na	CHANGE ORDER NO. 1
CONTRACTOR: J&S Striping		PROJECT ENGINEER: Ish Medrano
		PHONE (310) 802-5357
CONTRACT NO.: na	FILE REFERENCE: NA	INSPECTOR: Ish Medrano
		PHONE: (310) 802-5357

CONTRACT DESCRIPTION:			
<b>Safe Routes to School Reflective Sign and Crosswalk Replacement Project</b>	Original Contract Quantity	Recommended Change Order (Additional Quantity)	Change Order Cost
Ladder Crosswalks	68	5	\$3,975
“Slow School Xing” Pavement Legend	5	10	\$6,600
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Install new sign, post and footing	54	8	\$3,360
	<b>Total Change Order Cost</b>		<b>\$22,490</b>

<b>METHOD OF PAYMENT (May be combination):</b>		
<input checked="" type="checkbox"/> Contract Unit Prices	<input checked="" type="checkbox"/> Negotiated Price	<input type="checkbox"/> Time & Materials (Estimated)*
<b>CHANGE TO CONTRACT COST:</b>		<b>CHANGE TO CONTRACT TIME:</b>
Original Contract Cost:	\$91,595.00	Original Working Days: 22
Previous Changes	N/A	Previous Work Days Changes: 0
Additions/Deletions to Bid Items per this C.O.:	See above	Current C.O. Work Days Change: 5
To be billed per this C.O.:*	\$22,490.00	New Total Working Days: 27
New Contract Cost: *	\$114,085	
* Estimate Only <input checked="" type="checkbox"/>		

**CITY OF MANHATTAN BEACH:** Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_

**APPROVED:** City Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

Public Works Director : \_\_\_\_\_ Date: \_\_\_\_\_

**NOTE:** This Change Order is effective on the date signed by the Public Works Director. Notify the Project Manager immediately if there is any disagreement. The Change Order costs indicated represent the complete cost to perform the noted work, and no other incidental or related costs are due or will be claimed for this item of work.

**RECEIVED:**

\_\_\_\_\_  
CONTRACTOR

By \_\_\_\_\_  
OFFICER

\_\_\_\_\_  
DATE