Traffic Commission Meeting
April 6, 2015

Agenda Item No. 7a

TO: Traffic Commission
FROM: Ted Semaan, Engineering Manager – Major Projects
SUBJECT: Review of Crossing Guard Program and Proposed Modifications

RECOMMENDATION

The Chief of Police and the Public Works Director recommends that the Traffic Commission review the staff report and concur with staff recommendation to:

1. Continue crossing guard coverage at twenty one (21) of the current twenty nine (29) locations/posts; and
2. Relocate the remaining eight (8) crossing guard posts to new posts at crosswalks with higher school-aged pedestrian volumes or to adjacent crosswalks better suited for pedestrian crossings.

BACKGROUND

On November 13, 2014, the Employee Relations and Public Safety Committee met and discussed the Crossing Guards Program. Following the discussion regarding the Crossing Guards and school safety, the following action items were approved by the Employee Relations and Public Safety Committee:

1. Direct Torrance Police Department (TPD) to conduct a survey of crossing guards, signage and pedestrian counts in the vicinity of Elementary Schools;
2. Explore “No Parking” zones and impact of street sweeping;
3. Explore coordination between Torrance Unified School District (TUSD) and the City of the volunteer valet program; and
4. Implement continuing education regarding driver and pedestrian safety

On November 25, 2014, City Council concurred with the above and the Committee recommendation to take the Crossing Guard Program, item number 1, matter before the Traffic Commission for further consideration.

At the February 2, 2015 meeting, Traffic Commission reviewed the staff report, overview presentation and provided input regarding the Crossing Guards Program. TPD and the Public Works Department (PW) staff provided an overview of items 2, 3, and 4 to the Traffic Commission for their information and stated they will continue coordination efforts.
Staff noted that additional survey data for the number of children crossing at existing marked crosswalks without crossing guards within the 500 feet radius elementary school zone boundary will be collected and presented to Traffic Commission for further input in regards to the Crossing Guards Program. Staff noted that additional field investigations will be performed to identify existing school area signage, school crosswalks that need to be repainted, and unprotected (without stop sign or traffic signal control) or midblock crosswalks of each school’s boundary.

**ANALYSIS**

There are seventeen (17) TUSD elementary schools within the City and 29 existing post locations where crossing guards assist in directing children going to or returning from Torrance elementary schools during designated hours. **Attachment A** is an overview map showing the TUSD elementary schools, existing and proposed Crossing Guard post locations. The Crossing Guard program is administered by the Torrance Police Department.

TPD and PW staff completed the survey of the number of children crossing at each of the existing crossing guard locations, at existing crosswalks located within a 500 foot radius around elementary schools, and of existing school area signage and markings. **Attachment C** shows the Elementary school area zone maps with the results of the signage survey and school-age pedestrian counts for these locations.

Upon review and careful consideration of the data, staff is recommending that the Traffic Commission concur with the proposed recommendations to:

1. Continue crossing guard coverage at twenty one (21) of the current twenty nine (29) locations/posts; and

2. Relocate the remaining eight (8) crossing guard posts to new posts at crosswalks with higher school-aged pedestrian volumes or to adjacent crosswalks better suited for pedestrian crossings.

**Attachment B** summarizes the Crossing guard posts to remain (Column 2), those proposed to be relocated (Column 3), proposed new posts (Column 4), and justifications (Column 5).

The field review conducted identified some marked crosswalks that were deteriorated or require the crosswalks to be yellow due to its vicinity to the elementary school. Staff submitted a work request to Field Operations to repaint these crosswalks. Work will be completed as their workload allows.

Based on tonight’s input and recommendations from the Traffic Commission, staff will forward the proposed modifications to the Crossing Guard program and return to the Employee Relations and Public Safety Committee and City Council to report Traffic Commission findings and recommendations.
If the Commission, the Employee Relations and Public Safety Committee and City Council concur with the proposed crossing guard relocations, then staff may return to the Commission at a future date to initiate the review and consideration to remove unprotected marked crosswalk where crossing guards have been relocated from.

Respectfully submitted

ROBERT J. BESTE
PUBLIC WORKS DIRECTOR

By
Ted Semaan,
Engineering Manager – Major Projects

MARK A. MATSUDA
CHIEF OF POLICE

By
Lt. Mark Underwood,
Traffic Division Commander

Attachments:
A) Elementary School and Crossing Guard Overview Map
B) Crossing Guard Summary and Recommendations Matrix
C) Elementary School Area Zone Maps
CITY OF TORRANCE
CROSSING GUARD LOCATIONS
APRIL 2015

Legend:
- Elementary School

Crossing Guard Symbols
- Existing Post to Remain
- Relocated Post
- New Post
- Add 2nd Crossing Guard

Lines and photos are approximate, not to be used for establishing absolute or relative positions.

Crossing Guard Summary
03/31/2015
# CROSSING GUARD POST SUMMARY AND RECOMMENDATIONS

<table>
<thead>
<tr>
<th>Elementary School</th>
<th>Existing Post No.</th>
<th>Intersection</th>
<th>Existing to Remain</th>
<th>Recommended to Relocate Ex. to New Post (see Notes Column for explanation)</th>
<th>Recommended New Post</th>
<th>Justification for Relocation or Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams</td>
<td>1</td>
<td>237th &amp; E. of Arlington</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Palos Verdes &amp; Carson</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Palos Verdes &amp; Ruby</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Anza &amp; Carson</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Anza &amp; Lenore</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Lillian &amp; Elinwood</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Arlington</td>
<td>7</td>
<td>178th &amp; Van Ness</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>227th &amp; Ladeene</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>228 Pl &amp; Adolph</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Lomita &amp; Kent</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>Lomita &amp; Lenore</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>182nd &amp; Doty</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>182nd &amp; Prairie</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>182nd &amp; Bailey</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>El Dorado &amp; Fern</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
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<tr>
<td></td>
<td>16</td>
<td>Torrance &amp; Fern</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
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<tr>
<td></td>
<td>17</td>
<td>Torrance &amp; Crenshaw</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Hickory</td>
<td>18</td>
<td>227 &amp; Hickory</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
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<tr>
<td></td>
<td>19</td>
<td>230 &amp; Juniper</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>227th &amp; Greenwood</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Lincoln</td>
<td>21</td>
<td>166 &amp; Purche</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Page 1 of 2
## CROSSING GUARD POST SUMMARY
### AND RECOMMENDATIONS

<table>
<thead>
<tr>
<th>Elementary School</th>
<th>Existing Post No.</th>
<th>Intersection</th>
<th>1 Existing</th>
<th>2 Existing to Remain</th>
<th>3 Recommended to Relocate Ex. to New Post (see Notes Column for explanation)</th>
<th>4 Recommended New Post</th>
<th>5 Justification for Relocation or Assignment</th>
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<tbody>
<tr>
<td>St. Catherine Laboure</td>
<td>21</td>
<td>168 &amp; Ainsworth</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td></td>
<td></td>
<td>- Redondo Beach &amp; Ainsworth</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Pas.Pablo/Pas.Arena/V.Colusa</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>High ped. volume (31-AM/38-PM); Five approach intersection</td>
</tr>
<tr>
<td>Riviera</td>
<td>22</td>
<td>Carlow &amp; Sharynne</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carlow &amp; Calle Mayor</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Sharynne &amp; Dennis</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>High ped. volume (47-AM/86-PM)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Reynolds &amp; Mine</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Seaside</td>
<td>23</td>
<td>Arlington &amp; Lincoln</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Lincoln &amp; Apple</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>High ped. volume (23-AM/103-PM)</td>
</tr>
<tr>
<td>Torrance</td>
<td>24</td>
<td>Anza &amp; Spencer</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Garnet &amp; Victor</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Victor</td>
<td>25</td>
<td>Towers &amp; Ronald</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Walteria</td>
<td>26</td>
<td>Madison N/O Newton</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>Children can cross at 244th/Madison and Newton/Madison which both are fully stop controlled intersections and are proposed for crossing guards; north/south traffic is uncontrolled</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 244th &amp; Madison</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>High ped. volume (46-AM/113-PM)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Newton &amp; Madison</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>High ped. volume (65-AM/122-PM)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Newton &amp; Madison</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X (2nd Guard)</td>
<td>Add second guard to assist with high ped. volume and redirected peds.</td>
</tr>
<tr>
<td>Wood</td>
<td>27</td>
<td>236th W/O Arlington</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Yukon</td>
<td>28</td>
<td>182 &amp; Yukon</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>Fully signalized traffic signal; &gt;500' from ES; low school age ped. volume (10-AM/7-PM)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 177th &amp; Yukon</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>High ped. volume (38-AM/51-PM)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>29</td>
<td>21</td>
<td>8</td>
<td>-</td>
<td>-</td>
<td>8</td>
<td>-</td>
</tr>
</tbody>
</table>

4/1/2015
ADAMS ELEMENTARY SCHOOL
School Area Map

LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Zone Sign
- Installation A (combination of School Crossing and Arrow Signs)

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions
**LEGEND**
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign

**PAVEMENT LEGEND**
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

**SURVEY LEGEND**
- School-age pedestrian count for AM/PM

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**ADAMS ELEMENTARY SCHOOL**
500' School Boundary Map

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**Existing Conditions**
ANZA ELEMENTARY SCHOOL
School Area Map

Existing Conditions

PAVEMENT LEGEND
1 Slow School Crossing
2 Pedestrian Crossing
3 School Crossing
4 Stop Ahead
Marked Crosswalk (yellow)
Marked Crosswalk (white)

LEGEND
500’ School Area Boundary
5 Crossing Guard at Unsignalized Int.
6 Crossing Guard at Signalized Int.
7 Signalized Intersection
8 Flashing Beacon
9 Stop Sign Approach
10 Red Curb adjacent to Crossing Guard Post
11 Speed Limit Sign
12 Advance School Sign
13 School Crossing Sign
14 School Crossing Plaque
15 School Zone Sign
16 Installation A (combination of School Crossing and Arrow Signs)

SURVEY LEGEND
AM/PM School-age pedestrian count for AM/PM

Figure E2a
ARLINGTON ELEMENTARY SCHOOL
School Area Map

LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post

PAVEMENT LEGEND
- 1 Slow School Crossing
- 2 Pedestrian Crossing
- 3 School Crossing
- 4 Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Crossing Plaque
- School Zone Sign
- Installation A (combination of School Crossing and Arrow Signs)

School-age pedestrian count for AM/PM

Existing Conditions
ARLINGTON ELEMENTARY SCHOOL
500’ School Boundary Map

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Zone Sign
- Installation A (Combination of School Crossing and Arrow Signs)

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions

Figure E3b
03/18/2015
ARNOLD ELEMENTARY SCHOOL
School Area Map

PAVEMENT LEGEND
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. Stop Ahead
5. Marked Crosswalk (yellow)
6. Marked Crosswalk (white)

LEGEND
1. 500’ School Area Boundary
2. Crossing Guard at Unsignalized Int.
3. Crossing Guard at Signalized Int.
4. Signalized Intersection
5. Flashing Beacon
6. Stop Sign Approach
7. Red Curb adjacent to Crossing Guard Post
8. Speed Limit Sign
9. Advance School Sign
10. School Crossing Sign
11. School Crossing Plaque
12. School Zone Sign
13. Installation A (combination of School Crossing and Arrow Signs)

SURVEY LEGEND
AM/PM School-age pedestrian count for AM/PM

Existing Conditions
Arnold Elementary School
500' School Boundary Map

Legend:
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- School Zone Sign
- Advance School Sign
- School Crossing Sign

Pavement Legend:
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. Stop Ahead

Survey Legend:
- School-age pedestrian count for AM/PM

Existing Conditions
Existing Conditions
CARR ELEMENTARY SCHOOL
500’ School Boundary Map

Existing Conditions

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Figure E5b
EDISON ELEMENTARY SCHOOL
School Area Map

LEGEND
Marked Crosswalk (yellow)
Marked Crosswalk (white)
Pavement Legend
Pedestrian Crossing
Slow School Crossing
3 Way Stop Ahead
500’ School Area Boundary
Crossing Guard at Unsignalized Int.
Crossing Guard at Signalized Int.
Signalized Intersection
Flashing Beacon
Stop Sign Approach
Red Curb adjacent to Crossing Guard Post
Speed Limit Sign
Advance School Sign
School Crossing Sign
School Crossing Plaque
School Zone Sign
Installation A
(combination of School Crossing and Arrow Signs)

Survey Legend
School-age pedestrian count for AM/PM

Existing Conditions

Figure E6a
03/18/2015
Existing Conditions
LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- School Zone Sign
- Advance School Sign
- Installation A
- School Crossing Sign

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions
LINCOLN ELEMENTARY SCHOOL

School Area Map

Existing Conditions
LINCOLN ELEMENTARY SCHOOL
500’ School Boundary Map

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- School Zone Sign
- Advance School Sign
- School Crossing Sign
- Yield Sign

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- AM/PM: School-age pedestrian count for AM/PM

Existing Conditions
RIVIERA ELEMENTARY SCHOOL
School Area Map

Existing Conditions

PAVEMENT LEGEND
① Slow School Crossing
② Pedestrian Crossing
③ School Crossing
④ Stop Ahead
Marked Crosswalk (yellow)
Marked Crosswalk (white)

LEgend
① 500' School Area Boundary
② Crossing Guard at Unsignalized Int.
③ Crossing Guard at Signalized Int.
④ Signalized Intersection
⑤ Flashing Beacon
⑥ Stop Sign Approach
⑦ Red Curb adjacent to Crossing Guard Post
⑧ Speed Limit Sign
⑨ Advance School Sign
⑩ School Crossing Sign
⑪ School Crossing Plaque
⑫ School Zone Sign
⑬ Installation A
(Combination of School Crossing and Arrow Signs)

SURVEY LEGEND
⑦ School-age pedestrian count for AM/PM

03/18/2015
RIVIERA ELEMENTARY SCHOOL
500’ School Boundary Map

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Zone Sign
- Installation A

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions

Figure E10b
LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Crossing Plaque
- School Zone Sign
- Installation A (combination of School Crossing and Arrow Signs)

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Sign Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions
SEASIDE ELEMENTARY SCHOOL
500’ School Boundary Map

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- School Zone Sign
- Advance School Sign
- School Crossing Sign

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions
ST. CATHERINE ELEMENTARY SCHOOL
School Area Map

PAVEMENT LEGEND
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. Stop Sign Ahead
5. Marked Crosswalk (yellow)
6. Marked Crosswalk (white)

LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Crossing Plaque
- School Zone Sign
- Installation A (combination of School Crossing and Arrow Signs)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions

Figure PE1a
Figure 03/18/2015

PE1b

ST. CATHERINE ELEMENTARY SCHOOL
500’ School Boundary Map

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- School Zone Sign
- Advance School Sign
- School Crossing Sign

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions
TORRANCE ELEMENTARY SCHOOL
School Area Map

LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Crossing Plaque
- School Zone Sign
- Installation A
(Pedestrian of School Crossing and Arrow Signs)

PAVEMENT LEGEND
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. 4 Way Stop Ahead

SURVEY LEGEND
AMPM School-age pedestrian count for AM/PM

Marked Crosswalk (yellow)
Marked Crosswalk (white)

Existing Conditions
TORRANCE ELEMENTARY SCHOOL
500’ School Boundary Map

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Zone Sign
- Installation A (combinations of School Crossing and Green Signs)

PAVEMENT LEGEND
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. Stop Ahead
5. Marked Crosswalk (yellow)
6. Marked Crosswalk (white)

SURVEY LEGEND
- AM/PM School-age pedestrian count for AM/PM

Existing Conditions

Figure E12b
TOWERS ELEMENTARY SCHOOL
School Area Map

PAVEMENT LEGEND
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. Stop Ahead
Marked Crosswalk (yellow)
Marked Crosswalk (white)

LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Crossing Plaque
- School Zone Sign
- Installation A
  (combination of School Crossing and Arrow Signs)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions
TOWERS ELEMENTARY SCHOOL
500’ School Boundary Map

LEGEND
- 500’ School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- School Zone Sign
- Advance School Sign
- School Crossing Sign

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
- School-age pedestrian count for AM/PM

Existing Conditions
VICTOR ELEMENTARY SCHOOL

School Area Map

Existing Conditions

PAVEMENT LEGEND
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. Stop Sign Plate
5. Marked Crosswalk (yellow)
6. Marked Crosswalk (white)

LEGEND
1. 500' School Area Boundary
2. Crossing Guard at Unsignalized Int.
3. Crossing Guard at Signalized Int.
4. Signalized Intersection
5. Flashing Beacon
6. Stop Sign Approach
7. Red Curb adjacent to Crossing Guard Post
8. Speed Limit Sign
9. Advance School Sign
10. School Crossing Sign
11. School Crossing Plaque
12. School Zone Sign
13. Installation A (combination of School Crossing and Arrow Signs)

SURVEY LEGEND
• AM/PM School-age pedestrian count for AM/PM
WALTERIA ELEMENTARY SCHOOL
School Area Map

WALTERIA

Existing Conditions
WOOD ELEMENTARY SCHOOL
500' School Boundary Map

LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign

PAVEMENT LEGEND
1. Slow School Crossing
2. Pedestrian Crossing
3. School Crossing
4. Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

SURVEY LEGEND
AM/PM. School-age pedestrian count for AM/PM

Existing Conditions
YUKON ELEMENTARY SCHOOL
500' School Boundary Map

LEGEND
- 500' School Area Boundary
- Crossing Guard at Unsignalized Int.
- Crossing Guard at Signalized Int.
- Signalized Intersection
- Flashing Beacon
- Stop Sign Approach
- Red Curb adjacent to Crossing Guard Post
- Speed Limit Sign
- Advance School Sign
- School Crossing Sign
- School Zone Sign
- Installation A

SURVEY LEGEND
- School-age pedestrian count for AM/PM

PAVEMENT LEGEND
- Slow School Crossing
- Pedestrian Crossing
- School Crossing
- Stop Ahead
- Marked Crosswalk (yellow)
- Marked Crosswalk (white)

Existing Conditions